



National Energy  
Board

Office national  
de l'énergie

# Canada's Energy Future

## REFERENCE CASE AND SCENARIOS TO 2030



Appendices

AN ENERGY MARKET ASSESSMENT NOVEMBER 2007

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Canada



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**REFERENCE CASE AND SCENARIOS TO 2030**

energy future

## Appendices

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# Appendix 1

## Key Drivers

**Table A1.1: Economic Indicators, Canada**
**Reference Case and Continuing Trends**

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Oil Price: WTI @ Cushing, OK (2005US\$/barrel) <sup>1</sup>							75.00	67.77	61.24
Gas Price: Henry Hub, LA (2005US\$/mmBtu) <sup>2</sup>							7.50	7.97	8.75
Coal Price: Alberta Delivered Price to Utilities (2005C\$/GJ)							0.67	0.67	0.67
Coal Price: Saskatchewan Delivered Price to Utilities (2005C\$/GJ)							1.73	1.73	1.73
Coal Price: Ontario Delivered Price to Utilities (2005C\$/GJ)							2.29	2.29	2.29
Coal Price: Nova Scotia Delivered Price to Utilities (2005C\$/GJ)							2.29	2.29	2.29
Consumer Price Index (1992=1.0)	113.50	116.40	119.00	122.30	124.60	127.30	130.40	131.70	134.10
Commercial Paper - 90 day Interest Rate (percent)	5.70	3.90	2.70	2.90	2.30	2.80	4.10	4.20	3.90
Government of Canada Bonds - 10+ years (percent)	5.90	5.80	5.70	5.30	5.10	4.40	4.30	4.30	4.90
Exchange Rate (centsUS/\$Can)	67.30	64.60	63.70	71.40	76.80	82.50	89.20	93.00	93.00
Total GDP (million \$1997)	946286.00	961951.00	992814.00	1015929.00	1049062.00	1082118.00	1116207.00	1146535.00	1179420.00
Goods GDP	312366.00	306681.00	311058.00	318302.00	331988.00	341711.00	353394.00	362599.00	376412.00
Services GDP	633919.00	655271.00	681755.00	697626.00	717073.00	740406.00	762813.00	783935.00	803007.00
Population (thousand)	30689.00	31021.00	31366.00	31650.00	31953.00	32243.00	32531.00	32815.00	33115.00
Labour Force (thousand)	15847.00	16110.00	16579.00	16959.00	17182.00	17343.00	17617.00	17805.00	18008.00
Employment (thousand)	14764.00	14946.00	15311.00	15672.00	15947.00	16171.00	16485.00	16669.00	16870.00
Unemployment Rate (percent)	6.80	7.20	7.70	7.60	7.20	6.80	6.40	6.40	6.30
Participation Rate (percent)	65.80	65.90	66.90	67.50	67.50	67.20	67.40	67.30	67.20
Households (thousand)	11790.38	12007.98	12140.16	12286.05	12454.45	12727.56	12915.81	13100.57	13290.94
Personal Disposable Income (millions \$1997)	608077.00	624878.00	634855.00	648003.00	663961.00	679657.00	706793.00	735562.00	756679.00
Output (GDP) per employee (thousand \$1997)	64.10	64.40	64.80	64.80	65.80	66.90	67.70	68.80	69.90

**Triple E**

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Oil Price: WTI @ Cushing, OK (2005US\$/barrel)							75.00	75.00	75.00
Gas Price: Henry Hub, LA (2005US\$/mmBtu)							7.50	8.82	10.71
Coal Price: Alberta Delivered Price to Utilities (2005C\$/GJ) (with CO <sub>2</sub> cost)							0.67	0.67	0.67
Coal Price: Saskatchewan Delivered Price to Utilities (2005C\$/GJ) (with CO <sub>2</sub> cost)							1.73	1.73	1.73
Coal Price: Ontario Delivered Price to Utilities (2005C\$/GJ) (with CO <sub>2</sub> cost)							2.29	2.29	2.29
Coal Price: Nova Scotia Delivered Price to Utilities (2005C\$/GJ) (with CO <sub>2</sub> cost)							2.29	2.29	2.29
Consumer Price Index (1992=1.0)	113.50	116.40	119.00	122.30	124.60	127.30	130.40	131.70	136.40
Commercial Paper - 90 day Interest Rate (percent)	5.70	3.90	2.70	2.90	2.30	2.80	4.10	4.20	3.90
Government of Canada Bonds - 10+ years (percent)	5.90	5.80	5.70	5.30	5.10	4.40	4.30	4.30	4.90
Exchange Rate (centsUS/\$Can)	67.30	64.60	63.70	71.40	76.80	82.50	89.20	93.00	92.80
Total GDP (million \$1997)	946286.00	961951.00	992814.00	1015929.00	1049062.00	1082118.00	1116207.00	1146535.00	1164174.00
Goods GDP	312366.00	306681.00	311058.00	318302.00	331988.00	341711.00	353394.00	362599.00	371811.00
Services GDP	633919.00	655271.00	681755.00	697626.00	717073.00	740406.00	762813.00	783935.00	792362.00

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	55.33	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
	7.90	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73
	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29
	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29
	136.00	137.20	139.60	141.70	144.60	147.50	149.20	150.90	153.00	155.50	158.10	160.90	163.70	166.60
	3.60	3.50	3.50	3.50	3.60	3.70	3.70	3.50	3.50	3.50	3.50	3.50	3.50	3.50
	5.10	5.20	5.20	5.20	5.20	5.30	5.30	5.20	5.20	5.10	5.10	5.10	5.10	5.10
	92.00	93.90	95.10	96.60	98.10	99.50	101.00	102.40	103.70	104.80	105.80	106.50	107.10	107.60
	1222665.00	1261019.00	1294692.00	1331846.00	1361683.00	1391256.00	1434186.00	1480414.00	1526809.00	1562242.00	1596138.00	1630591.00	1663215.00	1698564.00
	391838.00	405069.00	416673.00	429016.00	439112.00	448390.00	463685.00	480755.00	499362.00	511549.00	522531.00	533775.00	544064.00	555858.00
	830826.00	855950.00	878018.00	902829.00	922571.00	942866.00	970500.00	999658.00	1027447.00	1050693.00	1073606.00	1096816.00	1119150.00	1142705.00
	33387.00	33659.00	33933.00	34215.00	34496.00	34776.00	35054.00	35330.00	35604.00	35875.00	36144.00	36409.00	36670.00	36926.00
	18237.00	18453.00	18646.00	18830.00	19007.00	19165.00	19342.00	19530.00	19715.00	19871.00	20009.00	20157.00	20301.00	20443.00
	17125.00	17361.00	17557.00	17758.00	17943.00	18102.00	18289.00	18498.00	18706.00	18870.00	19005.00	19160.00	19310.00	19460.00
	6.10	5.90	5.80	5.70	5.60	5.50	5.40	5.30	5.10	5.00	5.00	4.90	4.90	4.80
	67.30	67.40	67.40	67.40	67.40	67.40	67.40	67.50	67.60	67.70	67.60	67.60	67.60	67.60
	13470.62	13650.47	13828.01	14003.22	14172.82	14343.57	14517.78	14687.93	14852.12	15011.86	15168.39	15322.69	15471.75	15613.11
	782696.00	810160.00	831916.00	856161.00	875602.00	894297.00	920257.00	948424.00	974727.00	997331.00	1017621.00	1038316.00	1057815.00	1077546.00
	71.40	72.60	73.70	75.00	75.90	76.90	78.40	80.00	81.60	82.80	84.00	85.10	86.10	87.30
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	75.00	75.00	69.50	64.40	59.67	55.29	51.23	47.48	43.99	40.76	37.77	35.00	35.00	35.00
	10.71	10.71	9.93	9.20	8.52	7.90	7.32	6.78	6.28	5.82	5.40	5.50	5.50	5.50
	0.67	2.12	2.12	2.12	2.12	2.12	3.08	3.08	3.08	3.08	3.08	4.05	4.05	4.05
	1.73	3.18	3.18	3.18	3.18	3.18	4.14	4.14	4.14	4.14	4.14	5.11	5.11	5.11
	2.29	3.74	3.74	3.74	3.74	3.74	4.70	4.70	4.70	4.70	4.70	5.67	5.67	5.67
	2.29	3.74	3.74	3.74	3.74	3.74	4.70	4.70	4.70	4.70	4.70	5.67	5.67	5.67
	140.10	143.60	145.30	147.40	149.50	152.20	154.20	155.90	158.30	160.60	163.20	166.10	169.40	172.70
	3.60	3.50	3.50	3.50	3.60	3.70	3.70	3.50	3.50	3.50	3.50	3.50	3.50	3.50
	5.10	5.20	5.20	5.20	5.20	5.30	5.30	5.20	5.20	5.10	5.10	5.10	5.10	5.10
	90.10	90.70	92.40	94.00	95.70	97.10	98.60	100.00	101.20	102.20	102.70	103.00	103.20	103.40
	1198582.00	1232283.00	1263058.00	1291309.00	1321710.00	1349929.00	1387974.00	1426232.00	1456000.00	1483365.00	1512675.00	1548945.00	1580149.00	1607982.00
	386664.00	399735.00	410400.00	419066.00	429675.00	438997.00	451694.00	464794.00	474062.00	481516.00	490721.00	503751.00	514987.00	523820.00
	811917.00	832547.00	852658.00	872243.00	892035.00	910931.00	936279.00	961437.00	981938.00	1001848.00	1021953.00	1045193.00	1065161.00	1084161.00

2023	2024	2025	2026	2027	2028	2029	2030
50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73
2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29
2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29
169.40	172.30	175.30	178.20	181.50	185.10	188.50	191.90
3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
5.10	5.10	5.20	5.20	5.20	5.20	5.20	5.20
108.20	108.80	109.30	109.80	110.30	110.80	111.30	111.90
1735337.00	1771138.00	1808358.00	1848994.00	1886332.00	1920004.00	1955755.00	1994184.00
568843.00	581478.00	595313.00	610322.00	623448.00	634416.00	646452.00	660038.00
1166494.00	1189659.00	1213044.00	1238671.00	1262883.00	1285588.00	1309302.00	1334145.00
37177.00	37423.00	37662.00	37894.00	38119.00	38337.00	38547.00	38750.00
20578.00	20698.00	20811.00	20929.00	21046.00	21157.00	21261.00	21370.00
19604.00	19731.00	19851.00	19987.00	20119.00	20244.00	20357.00	20477.00
4.70	4.70	4.60	4.50	4.40	4.30	4.20	4.20
67.60	67.60	67.50	67.40	67.40	67.30	67.30	67.20
15747.81	15877.55	16004.34	16125.04	16241.70	16354.87	16466.18	16574.17
1097608.00	1117225.00	1136308.00	1159241.00	1181117.00	1201904.00	1222869.00	1244821.00
88.50	89.80	91.10	92.50	93.80	94.80	96.10	97.40
2023	2024	2025	2026	2027	2028	2029	2030
35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00
5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50
4.05	4.05	5.01	5.01	5.01	5.01	5.01	5.01
5.11	5.11	6.08	6.08	6.08	6.08	6.08	6.08
5.67	5.67	6.63	6.63	6.63	6.63	6.63	6.63
5.67	5.67	6.63	6.63	6.63	6.63	6.63	6.63
176.00	179.20	182.80	185.40	188.50	191.70	194.40	196.90
3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
5.10	5.10	5.20	5.20	5.20	5.20	5.20	5.20
103.50	103.40	102.90	103.50	103.70	103.90	104.60	105.70
1633968.00	1661900.00	1696575.00	1735028.00	1767552.00	1797176.00	1827823.00	1863437.00
531823.00	541015.00	553990.00	568456.00	579792.00	588898.00	597970.00	610006.00
1102144.00	1120885.00	1142584.00	1166571.00	1187759.00	1208278.00	1229852.00	1253431.00



**National Energy Board**
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	2000	2001	2002	2003	2004	2005	2006	2007	2008
Population (thousand)	30689.00	31021.00	31366.00	31650.00	31953.00	32243.00	32531.00	32815.00	33099.00
Labour Force (thousand)	15847.00	16110.00	16579.00	16959.00	17182.00	17343.00	17617.00	17805.00	17955.00
Employment (thousand)	14764.00	14946.00	15311.00	15672.00	15947.00	16171.00	16485.00	16669.00	16813.00
Unemployment Rate (percent)	6.80	7.20	7.70	7.60	7.20	6.80	6.40	6.40	6.40
Participation Rate (percent)	65.80	65.90	66.90	67.50	67.50	67.20	67.40	67.30	67.10
Households (thousand)	11790.00	12008.00	12140.00	12286.00	12454.00	12728.00	12916.00	13101.00	13285.00
Personal Disposable Income (millions \$1997)	608077.00	624878.00	634855.00	648003.00	663961.00	679657.00	706793.00	735562.00	743878.00
Output (GDP) per employee (thousand \$1997)	64.10	64.40	64.80	64.80	65.80	66.90	67.70	68.80	69.20

**Fortified Islands**

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Oil Price: WTI @ Cushing, OK (2005US\$/barrel)							75.00	78.20	81.53
Gas Price: Henry Hub, LA (2005US\$/mmBtu)							7.50	9.20	11.65
Coal Price: Alberta Delivered Price to Utilities (2005C\$/GJ)							0.93	0.93	0.93
Coal Price: Saskatchewan Delivered Price to Utilities (2005C\$/GJ)							2.42	2.42	2.42
Coal Price: Ontario Delivered Price to Utilities (2005C\$/GJ)							3.20	3.20	3.20
Coal Price: Nova Scotia Delivered Price to Utilities (2005C\$/GJ)							3.20	3.20	3.20
Consumer Price Index (1992=1.0)	113.50	116.40	119.00	122.30	124.60	127.30	130.40	131.70	136.80
Commercial Paper - 90 day Interest Rate (percent)	5.70	3.90	2.70	2.90	2.30	2.80	4.10	4.20	4.00
Government of Canada Bonds - 10+ years (percent)	5.90	5.80	5.70	5.30	5.10	4.40	4.30	4.30	4.90
Exchange Rate (centsUS/\$Can)	67.30	64.60	63.70	71.40	76.80	82.50	89.20	93.00	91.90
Total GDP (million \$1997)	946286.00	961951.00	992814.00	1015929.00	1049062.00	1082118.00	1116207.00	1146535.00	1162771.00
Goods GDP	312366.00	306681.00	311058.00	318302.00	331988.00	341711.00	353394.00	362599.00	371727.00
Services GDP	633919.00	655271.00	681755.00	697626.00	717073.00	740406.00	762813.00	783935.00	791044.00
Population (thousand)	30689.00	31021.00	31366.00	31650.00	31953.00	32243.00	32531.00	32815.00	33116.00
Labour Force (thousand)	15847.00	16110.00	16579.00	16959.00	17182.00	17343.00	17617.00	17805.00	17947.00
Employment (thousand)	14764.00	14946.00	15311.00	15672.00	15947.00	16171.00	16485.00	16669.00	16806.00
Unemployment Rate (percent)	6.80	7.20	7.70	7.60	7.20	6.80	6.40	6.40	6.40
Participation Rate (percent)	65.80	65.90	66.90	67.50	67.50	67.20	67.40	67.30	67.00
Households (thousand)	11790.00	12008.00	12140.00	12286.00	12454.00	12728.00	12916.00	13101.00	13291.00
Personal Disposable Income (millions \$1997)	608077.00	624878.00	634855.00	648003.00	663961.00	679657.00	706793.00	735562.00	741978.00
Output (GDP) per employee (thousand \$1997)	64.10	64.40	64.80	64.80	65.80	66.90	67.70	68.80	69.20

[1] West Texas Intermediate crude oil price at Cushing, Oklahoma

[2] Henry Hub natural gas price near Erath, Louisiana

Source: Informetrica Limited, Statistics Canada, NEB

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
33383.00	33667.00	33962.00	34257.00	34552.00	34849.00	35145.00	35442.00	35738.00	36035.00	36331.00	36625.00	36917.00	37207.00
18113.00	18304.00	18470.00	18587.00	18711.00	18834.00	18986.00	19144.00	19269.00	19368.00	19466.00	19593.00	19713.00	19807.00
16972.00	17183.00	17361.00	17484.00	17615.00	17737.00	17901.00	18075.00	18203.00	18293.00	18379.00	18517.00	18642.00	18731.00
6.30	6.10	6.00	5.90	5.90	5.80	5.70	5.60	5.50	5.60	5.60	5.50	5.40	5.40
66.90	66.90	66.70	66.50	66.30	66.10	66.00	66.00	65.90	65.70	65.50	65.40	65.30	65.10
13469.00	13654.00	13839.00	14018.00	14193.00	14370.00	14551.00	14729.00	14901.00	15070.00	15237.00	15402.00	15563.00	15717.00
757869.00	783302.00	807380.00	828631.00	849417.00	867908.00	896322.00	922377.00	942308.00	960660.00	977319.00	1000031.00	1017078.00	1032894.00
70.60	71.70	72.80	73.90	75.00	76.10	77.50	78.90	80.00	81.10	82.30	83.70	84.80	85.80
2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42
3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
140.00	142.80	144.90	147.10	149.90	153.20	155.60	157.80	160.20	162.80	165.30	168.00	170.60	173.20
3.80	3.70	3.70	3.70	3.80	3.90	3.90	3.70	3.70	3.70	3.70	3.70	3.70	3.70
5.10	5.20	5.20	5.20	5.20	5.30	5.30	5.20	5.20	5.10	5.10	5.10	5.10	5.10
92.00	92.70	94.00	95.50	97.30	98.90	100.60	102.10	103.50	105.20	106.90	108.30	110.00	111.50
1183489.00	1200552.00	1229478.00	1259989.00	1287547.00	1308776.00	1337147.00	1363810.00	1390737.00	1414865.00	1441445.00	1470977.00	1492471.00	1510698.00
377162.00	380586.00	390422.00	400763.00	410971.00	417730.00	427892.00	436053.00	445128.00	452172.00	460823.00	470917.00	475566.00	477684.00
806327.00	819965.00	839055.00	859226.00	876576.00	891046.00	909254.00	927756.00	945609.00	962693.00	980622.00	1000060.00	1016904.00	1033014.00
33387.00	33660.00	33934.00	34214.00	34491.00	34765.00	35036.00	35304.00	35568.00	35828.00	36083.00	36333.00	36577.00	36815.00
18087.00	18206.00	18335.00	18482.00	18622.00	18739.00	18857.00	18981.00	19097.00	19199.00	19300.00	19407.00	19480.00	19534.00
16941.00	17046.00	17178.00	17354.00	17520.00	17645.00	17769.00	17904.00	18032.00	18139.00	18246.00	18368.00	18435.00	18474.00
6.30	6.40	6.30	6.10	5.90	5.80	5.80	5.70	5.60	5.50	5.50	5.40	5.40	5.40
66.80	66.50	66.30	66.20	66.10	65.90	65.80	65.70	65.60	65.50	65.30	65.20	65.10	64.80
13471.00	13651.00	13828.00	14003.00	14171.00	14340.00	14512.00	14679.00	14839.00	14995.00	15146.00	15295.00	15438.00	15572.00
757492.00	771796.00	790975.00	812465.00	831607.00	848136.00	869045.00	891567.00	912620.00	932609.00	953382.00	974819.00	994402.00	1011656.00
69.90	70.40	71.60	72.60	73.50	74.20	75.30	76.20	77.10	78.00	79.00	80.10	81.00	81.80

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2023	2024	2025	2026	2027	2028	2029	2030
37495.00	37779.00	38060.00	38336.00	38608.00	38875.00	39138.00	39396.00
19882.00	19945.00	20025.00	20117.00	20196.00	20263.00	20334.00	20423.00
18793.00	18843.00	18923.00	19026.00	19106.00	19170.00	19230.00	19319.00
5.50	5.50	5.50	5.40	5.40	5.40	5.40	5.40
64.80	64.50	64.30	64.10	63.90	63.70	63.40	63.30
15865.00	16009.00	16152.00	16289.00	16423.00	16555.00	16687.00	16816.00
1047751.00	1062435.00	1081714.00	1105314.00	1125958.00	1145107.00	1165722.00	1188520.00
86.90	88.20	89.70	91.20	92.50	93.70	95.00	96.50

2023	2024	2025	2026	2027	2028	2029	2030
85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42
3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
175.70	178.30	181.20	183.70	186.40	189.40	192.50	195.40
3.70	3.70	3.70	3.70	3.70	3.70	3.70	3.70
5.10	5.10	5.20	5.20	5.20	5.20	5.20	5.20
112.80	114.10	115.20	116.70	118.20	119.30	119.90	120.30
1529958.00	1550797.00	1572432.00	1596609.00	1618331.00	1638526.00	1660616.00	1686760.00
480334.00	484373.00	489688.00	495413.00	499411.00	502478.00	506666.00	512717.00
1049623.00	1066424.00	1082744.00	1101195.00	1118920.00	1136048.00	1153949.00	1174043.00
37045.00	37268.00	37483.00	37689.00	37886.00	38073.00	38252.00	38420.00
19587.00	19652.00	19716.00	19772.00	19827.00	19877.00	19931.00	19999.00
18516.00	18585.00	18657.00	18727.00	18792.00	18851.00	18916.00	19004.00
5.50	5.40	5.40	5.30	5.20	5.20	5.10	5.00
64.60	64.40	64.20	64.00	63.80	63.70	63.50	63.40
15699.00	15821.00	15939.00	16049.00	16156.00	16257.00	16356.00	16451.00
1028372.00	1044858.00	1060961.00	1080531.00	1098689.00	1114736.00	1130505.00	1146348.00
82.60	83.40	84.30	85.30	86.10	86.90	87.80	88.80

**Table A1.2: Economic Indicators, Alberta****Reference Case and Continuing Trends**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	117.40	120.10	124.20	129.70	131.50	134.30	138.50	139.90	143.00	144.20	145.00	147.40	149.50	152.40
Total GDP (million \$1997)	116005.00	119619.00	121471.00	124630.00	129310.00	132948.00	139798.00	145655.00	150737.00	157250.00	162963.00	167058.00	172030.00	176299.00
Goods GDP	47581.00	47846.00	46125.00	47585.00	50394.00	50486.00	53645.00	56340.00	58388.00	60987.00	63150.00	64442.00	66130.00	67616.00
Services GDP	68423.00	71774.00	75346.00	77045.00	78916.00	82462.00	86152.00	89315.00	92349.00	96263.00	99813.00	102616.00	105900.00	108682.00
Population (thousand)	3005.00	3057.00	3115.00	3156.00	3197.00	3244.00	3288.00	3333.00	3415.00	3465.00	3516.00	3551.00	3596.00	3641.00
Labour Force (thousand)	1667.00	1710.00	1764.00	1809.00	1842.00	1858.00	1922.00	1963.00	2020.00	2060.00	2097.00	2120.00	2149.00	2176.00
Employment (thousand)	1584.00	1631.00	1671.00	1717.00	1757.00	1785.00	1865.00	1913.00	1957.00	2000.00	2035.00	2064.00	2094.00	2124.00
Unemployment Rate (percent)	5.00	4.60	5.30	5.10	4.60	3.90	3.00	2.60	3.10	2.90	2.90	2.70	2.60	2.40
Participation Rate (percent)	72.20	72.40	73.00	73.50	73.50	72.70	73.90	74.20	74.30	74.50	74.60	74.50	74.50	74.40
Households (thousand)	1107.00	1142.10	1174.20	1200.50	1222.40	1260.20	1285.50	1310.40	1349.50	1376.50	1404.10	1426.00	1450.80	1475.10
Personal Disposable Income (millions \$1997)	63209.10	68871.20	68780.40	70301.00	74063.20	75820.80	80697.80	85480.90	89072.10	92950.70	96938.40	99818.20	103148.50	105614.60
Output (GDP) per employee (thousand \$1997)	73.20	73.30	72.70	72.60	73.60	74.50	75.00	76.10	77.00	78.60	80.10	80.90	82.20	83.00

**Triple E**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	117.40	120.10	124.20	129.70	131.50	134.30	138.50	139.90	146.70	150.40	154.60	155.70	157.30	158.90
Total GDP (million \$1997)	116005.00	119619.00	121471.00	124630.00	129310.00	132948.00	139798.00	145655.00	148176.00	153490.00	158589.00	162639.00	165741.00	169503.00
Goods GDP	47581.00	47846.00	46125.00	47585.00	50394.00	50486.00	53645.00	56340.00	57604.00	60139.00	62382.00	63796.00	64597.00	65886.00
Services GDP	68423.00	71774.00	75346.00	77045.00	78916.00	82462.00	86152.00	89315.00	90572.00	93351.00	96206.00	98843.00	101144.00	103617.00
Population (thousand)	3005.00	3057.00	3115.00	3156.00	3197.00	3244.00	3288.00	3333.00	3371.00	3409.00	3447.00	3486.00	3525.00	3563.00
Labour Force (thousand)	1667.00	1710.00	1764.00	1809.00	1842.00	1858.00	1922.00	1963.00	1991.00	2017.00	2044.00	2068.00	2084.00	2101.00
Employment (thousand)	1584.00	1631.00	1671.00	1717.00	1757.00	1785.00	1865.00	1913.00	1937.00	1966.00	1994.00	2022.00	2035.00	2053.00
Unemployment Rate (percent)	5.00	4.60	5.30	5.10	4.60	3.90	3.00	2.60	2.70	2.60	2.50	2.20	2.40	2.30
Participation Rate (percent)	72.20	72.40	73.00	73.50	73.50	72.70	73.90	74.20	74.20	74.10	74.10	73.90	73.60	73.30
Households (thousand)	1107.00	1142.10	1174.20	1200.50	1223.30	1261.80	1287.70	1313.30	1336.80	1360.30	1383.70	1407.10	1429.70	1451.80
Personal Disposable Income (millions \$1997)	63209.10	68871.20	68780.40	70301.00	74063.20	75820.80	80697.80	85480.90	86256.00	88334.30	91026.50	94089.30	96487.20	98832.30
Output (GDP) per employee (thousand \$1997)	73.20	73.30	72.70	72.60	73.60	74.50	75.00	76.10	76.50	78.10	79.50	80.40	81.40	82.60

**Fortified Islands**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	117.40	120.10	124.20	129.70	131.50	134.30	138.50	139.90	146.70	150.40	153.30	155.30	157.60	160.40
Total GDP (million \$1997)	116005.00	119619.00	121471.00	124630.00	129310.00	132948.00	139798.00	145655.00	147510.00	152139.00	156277.00	162016.00	167224.00	172942.00
Goods GDP	47581.00	47846.00	46125.00	47585.00	50394.00	50486.00	53645.00	56340.00	57411.00	59592.00	61359.00	63853.00	65716.00	68014.00
Services GDP	68423.00	71774.00	75346.00	77045.00	78916.00	82462.00	86152.00	89315.00	90098.00	92548.00	94918.00	98162.00	101508.00	104927.00
Population (thousand)	3005.00	3057.00	3115.00	3156.00	3197.00	3244.00	3288.00	3333.00	3421.00	3481.00	3545.00	3597.00	3663.00	3733.00
Labour Force (thousand)	1667.00	1710.00	1764.00	1809.00	1842.00	1858.00	1922.00	1963.00	1998.00	2032.00	2063.00	2098.00	2135.00	2176.00
Employment (thousand)	1584.00	1631.00	1671.00	1717.00	1757.00	1785.00	1865.00	1913.00	1944.00	1989.00	2024.00	2068.00	2103.00	2143.00
Unemployment Rate (percent)	5.00	4.60	5.30	5.10	4.60	3.90	3.00	2.60	2.70	2.10	1.90	1.40	1.50	1.50
Participation Rate (percent)	72.20	72.40	73.00	73.50	73.50	72.70	73.90	74.20	74.20	74.10	73.80	73.60	73.50	73.40
Households (thousand)	1107.00	1142.10	1174.20	1200.50	1222.40	1260.20	1285.50	1310.40	1351.40	1381.60	1413.90	1441.80	1474.00	1507.20
Personal Disposable Income (millions \$1997)	63209.10	68871.20	68780.40	70301.00	74063.20	75820.80	80697.80	85480.90	85636.10	88436.80	91165.20	94726.40	98093.10	101583.20
Output (GDP) per employee (thousand \$1997)	73.20	73.30	72.70	72.60	73.60	74.50	75.00	76.10	75.90	76.50	77.20	78.40	79.50	80.70

Source: Informetrica Limited, Statistics Canada, NEB

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
155.60	157.30	159.10	161.20	163.80	166.50	169.20	172.20	175.10	178.00	181.00	184.10	187.10	190.50	194.10	197.70	201.20
180534.00	186053.00	191238.00	196674.00	200765.00	204721.00	208658.00	212232.00	216430.00	221069.00	225180.00	229508.00	233703.00	237696.00	241306.00	245182.00	249277.00
68951.00	70835.00	72421.00	74315.00	75410.00	76382.00	77294.00	77953.00	78982.00	80319.00	81341.00	82625.00	83728.00	84711.00	85485.00	86407.00	87445.00
111583.00	115218.00	118817.00	122359.00	125355.00	128339.00	131363.00	134279.00	137448.00	140750.00	143839.00	146883.00	149974.00	152985.00	155820.00	158775.00	161833.00
3685.00	3730.00	3774.00	3818.00	3861.00	3905.00	3948.00	3990.00	4032.00	4073.00	4114.00	4153.00	4192.00	4230.00	4267.00	4303.00	4339.00
2201.00	2228.00	2256.00	2284.00	2308.00	2330.00	2353.00	2376.00	2400.00	2423.00	2445.00	2466.00	2482.00	2496.00	2508.00	2518.00	2530.00
2149.00	2177.00	2203.00	2230.00	2252.00	2271.00	2291.00	2309.00	2329.00	2351.00	2368.00	2385.00	2399.00	2414.00	2428.00	2441.00	2455.00
2.30	2.30	2.30	2.40	2.40	2.60	2.70	2.80	2.90	3.00	3.20	3.30	3.30	3.30	3.20	3.10	3.00
74.30	74.30	74.30	74.40	74.30	74.20	74.10	74.00	74.00	74.00	73.90	73.80	73.50	73.20	72.90	72.60	72.20
1499.50	1524.30	1548.70	1572.60	1596.00	1619.10	1642.10	1664.60	1686.30	1707.40	1727.90	1748.20	1767.80	1787.00	1805.90	1824.70	1843.00
107938.50	110966.50	114320.80	117714.60	120499.60	123007.90	125572.20	127998.30	130542.50	133145.00	135621.80	137919.40	140503.30	143074.20	145561.10	148053.80	150628.00
84.00	85.40	86.80	88.20	89.20	90.20	91.10	91.90	92.90	94.10	95.10	96.20	97.40	98.50	99.40	100.40	101.60
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
161.40	163.50	164.80	167.10	169.20	171.60	174.70	178.00	181.50	184.90	188.20	192.40	195.10	198.40	201.70	204.60	207.40
172277.00	176134.00	179286.00	181516.00	183092.00	185243.00	187787.00	189971.00	191953.00	194467.00	197177.00	200396.00	203860.00	206680.00	209275.00	212101.00	215373.00
66486.00	67417.00	67891.00	67921.00	67518.00	67559.00	67732.00	67803.00	67840.00	68247.00	68794.00	69569.00	70530.00	71174.00	71675.00	72271.00	73105.00
105791.00	108717.00	111394.00	113594.00	115574.00	117684.00	120055.00	122167.00	124113.00	126220.00	128383.00	130828.00	133330.00	135506.00	137600.00	139830.00	142267.00
3602.00	3641.00	3679.00	3718.00	3756.00	3794.00	3831.00	3868.00	3905.00	3941.00	3976.00	4011.00	4045.00	4078.00	4111.00	4143.00	4174.00
2117.00	2137.00	2156.00	2171.00	2182.00	2193.00	2206.00	2218.00	2228.00	2237.00	2243.00	2252.00	2257.00	2259.00	2258.00	2258.00	2260.00
2064.00	2079.00	2089.00	2096.00	2097.00	2099.00	2104.00	2110.00	2113.00	2119.00	2125.00	2132.00	2139.00	2143.00	2147.00	2152.00	2159.00
2.50	2.70	3.10	3.40	3.90	4.30	4.60	4.90	5.20	5.20	5.30	5.30	5.20	5.10	4.90	4.70	4.50
73.00	72.90	72.80	72.50	72.20	71.80	71.60	71.20	70.90	70.50	70.10	69.70	69.30	68.70	68.10	67.60	67.10
1473.90	1496.50	1518.50	1540.10	1561.10	1581.90	1602.60	1622.70	1642.10	1660.90	1679.30	1697.30	1714.80	1731.90	1748.70	1765.40	1781.80
100660.90	103444.90	106145.50	107452.40	108838.70	110214.30	111998.10	113514.70	114895.10	115375.30	116596.90	118119.70	120263.00	122100.20	123862.30	125800.00	128140.50
83.40	84.70	85.80	86.60	87.30	88.20	89.20	90.00	90.80	91.80	92.80	94.00	95.30	96.40	97.50	98.60	99.80
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
163.80	166.30	168.50	171.00	173.60	176.20	179.00	181.70	184.30	187.00	189.70	192.60	195.20	198.10	201.20	204.50	207.50
177989.00	184746.00	189761.00	195063.00	200702.00	206251.00	212946.00	217312.00	221242.00	226234.00	231100.00	235906.00	240324.00	244820.00	249482.00	254093.00	259487.00
69921.00	72746.00	74123.00	75816.00	77636.00	79321.00	81663.00	82709.00	83427.00	84697.00	85773.00	86883.00	87757.00	88594.00	89463.00	90270.00	91334.00
108068.00	112001.00	115638.00	119248.00	123066.00	126929.00	131283.00	134603.00	137814.00	141537.00	145327.00	149023.00	152567.00	156226.00	160018.00	163823.00	168153.00
3806.00	3883.00	3965.00	4046.00	4127.00	4209.00	4290.00	4371.00	4452.00	4533.00	4613.00	4693.00	4772.00	4851.00	4928.00	5005.00	5082.00
2215.00	2258.00	2304.00	2351.00	2394.00	2439.00	2481.00	2516.00	2550.00	2584.00	2620.00	2654.00	2682.00	2709.00	2735.00	2762.00	2791.00
2179.00	2222.00	2253.00	2286.00	2320.00	2349.00	2385.00	2412.00	2435.00	2463.00	2489.00	2515.00	2536.00	2558.00	2581.00	2602.00	2625.00
1.60	1.60	2.20	2.70	3.10	3.70	3.90	4.10	4.50	4.70	5.00	5.30	5.50	5.60	5.60	5.80	6.00
73.30	73.20	73.10	73.10	73.00	72.90	72.80	72.50	72.10	71.80	71.50	71.20	70.70	70.20	69.80	69.30	68.90
1542.00	1578.90	1616.90	1654.70	1692.50	1730.20	1768.20	1806.00	1843.20	1879.90	1916.40	1952.80	1988.70	2024.50	2060.10	2095.80	2131.30
104799.00	108948.60	112704.50	116304.10	120202.20	123968.20	128199.60	131736.00	134885.60	138356.40	141663.70	144903.60	148204.20	151546.40	154875.20	157946.80	161083.90
81.70	83.10	84.20	85.30	86.50	87.80	89.30	90.10	90.90	91.90	92.90	93.80	94.80	95.70	96.70	97.70	98.90

Table A1.3: Economic Indicators, British Columbia

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	113.30	115.20	117.90	120.40	122.80	125.30	126.90	128.30	130.40	132.00	133.10	135.30	137.30	139.90
Total GDP (million \$1997)	114228.00	115647.00	118239.00	121873.00	124888.00	130252.00	134629.00	138125.00	141407.00	145969.00	150468.00	154000.00	158356.00	161794.00
Goods GDP	30473.00	29009.00	28687.00	31592.00	32259.00	33963.00	35412.00	36205.00	37149.00	38183.00	39137.00	40140.00	41223.00	42064.00
Services GDP	83755.00	86638.00	89553.00	90281.00	92629.00	96290.00	99217.00	101920.00	104258.00	107786.00	111331.00	113859.00	117133.00	119730.00
Population (thousand)	4039.00	4078.00	4117.00	4155.00	4202.00	4247.00	4293.00	4338.00	4383.00	4427.00	4471.00	4516.00	4562.00	4607.00
Labour Force (thousand)	2080.00	2083.00	2148.00	2191.00	2222.00	2263.00	2322.00	2356.00	2381.00	2412.00	2440.00	2465.00	2490.00	2512.00
Employment (thousand)	1931.00	1922.00	1965.00	2015.00	2063.00	2131.00	2202.00	2232.00	2256.00	2288.00	2353.00	2352.00	2381.00	2408.00
Unemployment Rate (percent)	7.10	7.70	8.50	8.00	7.20	5.90	5.20	5.30	5.30	5.10	3.60	4.60	4.40	4.10
Participation Rate (percent)	64.80	64.00	65.10	65.60	65.50	65.60	66.30	66.40	66.30	66.30	66.20	66.10	66.00	65.80
Households (thousand)	1578.50	1616.30	1627.60	1654.50	1683.80	1725.70	1756.10	1785.80	1815.20	1844.40	1873.40	1902.50	1930.70	1958.20
Personal Disposable Income (millions \$1997)	79340.30	81312.10	82450.10	85032.50	87107.20	90500.50	95564.00	99383.60	102300.60	105553.90	109942.00	112333.60	115751.70	118402.50
Output (GDP) per employee (thousand \$1997)	59.10	60.20	60.20	60.50	60.50	61.10	61.10	61.90	62.70	63.80	63.90	65.50	66.50	67.20

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	113.30	115.20	117.90	120.40	122.80	125.30	126.90	128.30	132.50	135.80	138.90	140.50	142.30	144.30
Total GDP (million \$1997)	114228.00	115647.00	118239.00	121873.00	124888.00	130252.00	134629.00	138125.00	139576.00	142906.00	146906.00	150133.00	153378.00	156597.00
Goods GDP	30473.00	29009.00	28687.00	31592.00	32259.00	33963.00	35412.00	36205.00	36685.00	37601.00	38649.00	39593.00	40340.00	41130.00
Services GDP	83755.00	86638.00	89553.00	90281.00	92629.00	96290.00	99217.00	101920.00	102891.00	105304.00	108257.00	110539.00	113039.00	115467.00
Population (thousand)	4039.00	4078.00	4117.00	4155.00	4203.00	4247.00	4293.00	4339.00	4378.00	4417.00	4456.00	4497.00	4538.00	4579.00
Labour Force (thousand)	2080.00	2083.00	2148.00	2191.00	2222.00	2263.00	2322.00	2356.00	2373.00	2390.00	2411.00	2430.00	2444.00	2457.00
Employment (thousand)	1931.00	1922.00	1965.00	2015.00	2063.00	2131.00	2202.00	2232.00	2247.00	2262.00	2322.00	2315.00	2332.00	2348.00
Unemployment Rate (percent)	7.10	7.70	8.50	8.00	7.20	5.90	5.20	5.30	5.30	5.30	3.70	4.70	4.60	4.40
Participation Rate (percent)	64.80	64.00	65.10	65.60	65.50	65.60	66.30	66.40	66.10	65.70	65.60	65.30	65.00	64.70
Households (thousand)	1578.50	1616.30	1627.60	1654.50	1682.90	1724.20	1753.90	1783.10	1810.10	1837.00	1863.80	1890.80	1917.10	1942.60
Personal Disposable Income (millions \$1997)	79340.30	81312.10	82450.10	85032.50	87107.20	90500.50	95564.00	99383.60	100433.10	101931.90	105653.80	108116.10	110881.50	113352.90
Output (GDP) per employee (thousand \$1997)	59.10	60.20	60.20	60.50	60.50	61.10	61.10	61.90	62.10	63.20	63.30	64.90	65.80	66.70

## Fortified Islands

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	113.30	115.20	117.90	120.40	122.80	125.30	126.90	128.30	132.80	135.70	138.20	140.10	142.10	144.70
Total GDP (million \$1997)	114228.00	115647.00	118239.00	121873.00	124888.00	130252.00	134629.00	138125.00	139211.00	141596.00	144331.00	147888.00	151940.00	155593.00
Goods GDP	30473.00	29009.00	28687.00	31592.00	32259.00	33963.00	35412.00	36205.00	36463.00	36701.00	37075.00	38222.00	39340.00	40431.00
Services GDP	83755.00	86638.00	89553.00	90281.00	92629.00	96290.00	99217.00	101920.00	102748.00	104894.00	107256.00	109666.00	112601.00	115162.00
Population (thousand)	4039.00	4078.00	4117.00	4155.00	4202.00	4247.00	4293.00	4338.00	4384.00	4433.00	4484.00	4540.00	4598.00	4660.00
Labour Force (thousand)	2080.00	2083.00	2148.00	2191.00	2222.00	2263.00	2322.00	2356.00	2377.00	2397.00	2415.00	2438.00	2466.00	2493.00
Employment (thousand)	1931.00	1922.00	1965.00	2015.00	2063.00	2131.00	2202.00	2232.00	2243.00	2263.00	2320.00	2317.00	2351.00	2384.00
Unemployment Rate (percent)	7.10	7.70	8.50	8.00	7.20	5.90	5.20	5.30	5.60	5.60	3.90	4.90	4.60	4.40
Participation Rate (percent)	64.80	64.00	65.10	65.60	65.50	65.60	66.30	66.40	66.00	65.70	65.30	64.90	64.70	64.50
Households (thousand)	1578.50	1616.30	1627.60	1654.50	1683.80	1725.70	1756.10	1785.80	1815.60	1846.40	1878.10	1911.10	1944.40	1978.00
Personal Disposable Income (millions \$1997)	79340.30	81312.10	82450.10	85032.50	87107.20	90500.50	95564.00	99383.60	100139.00	102441.10	105514.50	107990.30	111303.30	114366.90
Output (GDP) per employee (thousand \$1997)	59.10	60.20	60.20	60.50	60.50	61.10	61.10	61.90	62.10	62.60	62.20	63.80	64.60	65.30

Source: Informetrica Limited, Statistics Canada, NEB

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
142.50	144.00	145.60	147.50	149.80	152.10	154.60	157.20	159.70	162.20	164.80	167.50	170.10	173.10	176.20	179.30	182.30
165065.00	169857.00	174961.00	179958.00	183994.00	187776.00	191839.00	195705.00	199948.00	204321.00	208546.00	212854.00	217347.00	221525.00	225326.00	229255.00	233423.00
42684.00	43967.00	45371.00	46892.00	47931.00	48764.00	49725.00	50586.00	51663.00	52876.00	54007.00	55087.00	56294.00	57338.00	58182.00	59083.00	60141.00
122381.00	125889.00	129590.00	133066.00	136063.00	139012.00	142114.00	145119.00	148285.00	151444.00	154539.00	157767.00	161052.00	164187.00	167144.00	170172.00	173283.00
4651.00	4696.00	4740.00	4783.00	4826.00	4869.00	4911.00	4953.00	4993.00	5033.00	5072.00	5110.00	5148.00	5184.00	5218.00	5252.00	5285.00
2532.00	2554.00	2578.00	2601.00	2620.00	2637.00	2655.00	2672.00	2691.00	2710.00	2727.00	2742.00	2758.00	2774.00	2788.00	2802.00	2816.00
2430.00	2456.00	2485.00	2514.00	2539.00	2559.00	2582.00	2605.00	2628.00	2652.00	2672.00	2690.00	2708.00	2726.00	2743.00	2759.00	2775.00
4.00	3.80	3.60	3.40	3.10	3.00	2.70	2.50	2.30	2.10	2.00	1.90	1.80	1.70	1.60	1.50	1.40
65.70	65.60	65.60	65.50	65.40	65.20	65.10	65.00	64.90	64.80	64.70	64.60	64.50	64.40	64.30	64.10	64.00
1985.60	2013.40	2040.60	2066.90	2092.60	2117.80	2142.70	2166.80	2189.80	2212.00	2233.40	2254.50	2274.60	2294.20	2313.20	2331.90	2350.10
121030.70	124549.70	128319.10	131937.50	135082.70	137931.30	140925.90	143823.10	146779.10	149796.80	152744.60	155574.20	158733.50	161792.50	164775.10	167733.90	170832.70
67.90	69.10	70.40	71.60	72.50	73.40	74.30	75.10	76.10	77.00	78.00	79.10	80.30	81.30	82.10	83.10	84.10
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
146.60	148.50	150.00	152.20	154.30	156.60	159.20	162.20	165.10	168.10	170.90	174.20	176.50	179.20	181.90	184.30	186.50
159639.00	164053.00	168517.00	171972.00	175282.00	178679.00	183001.00	186782.00	190317.00	193446.00	196719.00	200681.00	205037.00	208779.00	212153.00	215628.00	219658.00
41837.00	43012.00	44237.00	45038.00	45740.00	46580.00	47911.00	49037.00	49867.00	50568.00	51391.00	52555.00	53875.00	54893.00	55677.00	56463.00	57592.00
117801.00	121042.00	124280.00	126934.00	129542.00	132099.00	135090.00	137745.00	140449.00	142878.00	145329.00	148125.00	151163.00	153885.00	156476.00	159164.00	162066.00
4619.00	4660.00	4700.00	4741.00	4781.00	4820.00	4860.00	4899.00	4938.00	4976.00	5014.00	5051.00	5087.00	5123.00	5158.00	5192.00	5225.00
2471.00	2490.00	2510.00	2525.00	2536.00	2548.00	2564.00	2579.00	2594.00	2607.00	2618.00	2630.00	2643.00	2653.00	2661.00	2669.00	2680.00
2364.00	2387.00	2412.00	2430.00	2445.00	2458.00	2480.00	2498.00	2513.00	2522.00	2530.00	2541.00	2554.00	2564.00	2573.00	2581.00	2593.00
4.30	4.10	3.90	3.70	3.60	3.50	3.30	3.10	3.10	3.30	3.40	3.40	3.30	3.30	3.30	3.30	3.30
64.40	64.30	64.20	64.10	63.80	63.60	63.50	63.30	63.20	63.00	62.80	62.60	62.50	62.30	62.00	61.80	61.60
1968.30	1994.40	2020.00	2044.90	2069.10	2093.00	2116.60	2139.60	2161.70	2182.90	2203.50	2223.80	2243.30	2262.40	2281.10	2299.60	2317.80
115664.10	119213.30	122527.60	125060.60	127401.50	129626.20	132644.90	135182.40	137813.70	140044.80	142233.40	145069.30	148555.10	151840.90	154944.10	158277.90	162145.20
67.50	68.70	69.90	70.80	71.70	72.70	73.80	74.80	75.70	76.70	77.70	79.00	80.30	81.40	82.50	83.60	84.70
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
147.50	149.70	151.70	153.90	156.20	158.50	160.90	163.20	165.50	167.70	170.00	172.60	174.80	177.20	179.80	182.50	185.10
158498.00	162291.00	166170.00	169850.00	173502.00	177303.00	181562.00	185154.00	188644.00	192267.00	196082.00	199849.00	203808.00	207506.00	210993.00	214639.00	218770.00
41087.00	42122.00	42992.00	43862.00	44686.00	45599.00	46718.00	47381.00	47786.00	48326.00	49064.00	49812.00	50569.00	51134.00	51573.00	52095.00	52794.00
117410.00	120169.00	123178.00	125988.00	128816.00	131704.00	134844.00	137773.00	140858.00	143941.00	147018.00	150037.00	153239.00	156372.00	159420.00	162543.00	165976.00
4724.00	4791.00	4861.00	4930.00	4999.00	5067.00	5135.00	5202.00	5268.00	5334.00	5398.00	5461.00	5524.00	5584.00	5644.00	5702.00	5760.00
2518.00	2546.00	2577.00	2607.00	2634.00	2662.00	2691.00	2713.00	2735.00	2756.00	2777.00	2798.00	2818.00	2838.00	2858.00	2880.00	2905.00
2412.00	2441.00	2473.00	2503.00	2533.00	2561.00	2594.00	2619.00	2642.00	2665.00	2693.00	2719.00	2744.00	2768.00	2791.00	2815.00	2841.00
4.20	4.10	4.10	4.00	3.90	3.80	3.60	3.50	3.40	3.30	3.00	2.80	2.60	2.40	2.30	2.30	2.20
64.20	64.00	63.90	63.70	63.50	63.30	63.20	62.90	62.60	62.30	62.00	61.70	61.50	61.20	61.00	60.80	60.70
2012.90	2049.40	2086.60	2123.00	2158.90	2194.40	2229.70	2264.30	2297.90	2330.60	2362.60	2394.20	2425.00	2455.10	2484.80	2514.10	2542.90
117172.70	120575.40	124355.40	127838.50	131377.80	134969.00	138734.00	142502.00	146101.50	149628.20	153107.80	156427.40	160168.50	163737.20	167022.10	170219.20	173369.20
65.70	66.50	67.20	67.90	68.50	69.20	70.00	70.70	71.40	72.10	72.80	73.50	74.30	75.00	75.60	76.30	77.00

**Table A1.4: Economic Indicators, Manitoba****Reference Case and Continuing Trends**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	118.10	121.20	123.10	125.30	127.80	131.20	133.10	134.70	137.20	139.00	140.20	142.70	144.80	147.80
Total GDP (million \$1997)	30422.00	31053.00	31786.00	31889.00	32822.00	33896.00	35013.00	35790.00	36748.00	37785.00	38731.00	39799.00	40649.00	41348.00
Goods GDP	8462.00	8565.00	8536.00	8827.00	9218.00	9533.00	9951.00	10190.00	10724.00	11049.00	11349.00	11816.00	11975.00	12174.00
Services GDP	21960.00	22488.00	23250.00	23062.00	23604.00	24363.00	25062.00	25601.00	26024.00	26736.00	27382.00	27983.00	28673.00	29174.00
Population (thousand)	1147.00	1151.00	1155.00	1161.00	1168.00	1173.00	1177.00	1181.00	1185.00	1190.00	1194.00	1198.00	1202.00	1207.00
Labour Force (thousand)	581.00	584.00	598.00	600.00	609.00	609.00	621.00	627.00	631.00	637.00	642.00	646.00	650.00	653.00
Employment (thousand)	552.00	554.00	567.00	570.00	577.00	580.00	591.00	595.00	603.00	609.00	612.00	621.00	623.00	626.00
Unemployment Rate (percent)	5.00	5.10	5.10	5.00	5.30	4.80	4.90	5.00	4.50	4.50	4.70	3.90	4.20	4.20
Participation Rate (percent)	67.90	67.80	69.00	68.70	69.00	68.60	69.40	69.50	69.60	69.80	69.80	69.90	69.90	69.90
Households (thousand)	437.50	441.50	441.50	443.70	444.60	450.90	454.80	458.60	462.50	466.40	470.30	474.30	478.10	481.70
Personal Disposable Income (millions \$1997)	20883.60	21141.90	21322.60	22075.20	22517.70	22811.60	23901.50	24708.20	25377.10	26068.70	26897.20	27777.30	28362.20	28867.30
Output (GDP) per employee (thousand \$1997)	55.10	56.00	56.00	55.90	56.90	58.40	59.30	60.10	60.90	62.10	63.30	64.10	65.30	66.10

**Triple E**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	118.10	121.20	123.10	125.30	127.80	131.20	133.10	134.70	139.50	143.20	146.70	148.40	150.50	152.70
Total GDP (million \$1997)	30422.00	31053.00	31786.00	31889.00	32822.00	33896.00	35013.00	35790.00	36136.00	36805.00	37535.00	38318.00	39102.00	39812.00
Goods GDP	8462.00	8565.00	8536.00	8827.00	9218.00	9533.00	9951.00	10190.00	10408.00	10663.00	10923.00	11179.00	11451.00	11687.00
Services GDP	21960.00	22488.00	23250.00	23062.00	23604.00	24363.00	25062.00	25601.00	25728.00	26142.00	26612.00	27139.00	27651.00	28126.00
Population (thousand)	1147.00	1151.00	1155.00	1161.00	1168.00	1173.00	1177.00	1181.00	1185.00	1189.00	1194.00	1198.00	1203.00	1207.00
Labour Force (thousand)	581.00	584.00	598.00	600.00	609.00	609.00	621.00	627.00	628.00	631.00	634.00	636.00	637.00	638.00
Employment (thousand)	552.00	554.00	567.00	570.00	577.00	580.00	591.00	595.00	598.00	600.00	602.00	608.00	610.00	612.00
Unemployment Rate (percent)	5.00	5.10	5.10	5.00	5.30	4.80	4.90	5.00	4.80	4.90	4.90	4.50	4.20	4.10
Participation Rate (percent)	67.90	67.80	69.00	68.70	69.00	68.60	69.40	69.50	69.30	69.10	69.00	68.80	68.60	68.40
Households (thousand)	437.50	441.50	441.50	443.70	444.70	451.10	455.00	458.80	462.60	466.50	470.40	474.30	478.00	481.70
Personal Disposable Income (millions \$1997)	20883.60	21141.90	21322.60	22075.20	22517.70	22811.60	23901.50	24708.20	24866.10	25100.10	25663.50	26392.40	26992.60	27486.10
Output (GDP) per employee (thousand \$1997)	55.10	56.00	56.00	55.90	56.90	58.40	59.30	60.10	60.40	61.40	62.30	63.10	64.10	65.00

**Fortified Islands**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	118.10	121.20	123.10	125.30	127.80	131.20	133.10	134.70	139.80	143.00	145.90	147.90	150.20	153.00
Total GDP (million \$1997)	30422.00	31053.00	31786.00	31889.00	32822.00	33896.00	35013.00	35790.00	36364.00	36799.00	37111.00	38007.00	38637.00	39230.00
Goods GDP	8462.00	8565.00	8536.00	8827.00	9218.00	9533.00	9951.00	10190.00	10647.00	10731.00	10760.00	11176.00	11277.00	11467.00
Services GDP	21960.00	22488.00	23250.00	23062.00	23604.00	24363.00	25062.00	25601.00	25717.00	26068.00	26351.00	26831.00	27360.00	27763.00
Population (thousand)	1147.00	1151.00	1155.00	1161.00	1168.00	1173.00	1177.00	1181.00	1186.00	1191.00	1195.00	1200.00	1205.00	1210.00
Labour Force (thousand)	581.00	584.00	598.00	600.00	609.00	609.00	621.00	627.00	628.00	630.00	631.00	632.00	636.00	638.00
Employment (thousand)	552.00	554.00	567.00	570.00	577.00	580.00	591.00	595.00	603.00	605.00	604.00	612.00	613.00	615.00
Unemployment Rate (percent)	5.00	5.10	5.10	5.00	5.30	4.80	4.90	5.00	4.10	4.00	4.20	3.30	3.60	3.50
Participation Rate (percent)	67.90	67.80	69.00	68.70	69.00	68.60	69.40	69.50	69.20	69.00	68.60	68.30	68.30	68.20
Households (thousand)	437.50	441.50	441.50	443.70	444.60	450.90	454.80	458.60	462.60	466.70	470.80	474.90	478.90	482.60
Personal Disposable Income (millions \$1997)	20883.60	21141.90	21322.60	22075.20	22517.70	22811.60	23901.50	24708.20	24989.90	25404.90	25745.90	26445.20	26906.80	27359.20
Output (GDP) per employee (thousand \$1997)	55.10	56.00	56.00	55.90	56.90	58.40	59.30	60.10	60.40	60.90	61.40	62.10	63.10	63.70

Source: Informetrica Limited, Statistics Canada, NEB



2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
150.70	152.40	154.20	156.30	158.90	161.50	164.30	167.20	170.10	172.90	175.80	178.90	181.90	185.20	188.80	192.30	195.70
42055.00	43159.00	44319.00	45549.00	46353.00	47234.00	48138.00	49509.00	50422.00	51350.00	52276.00	53193.00	54216.00	55144.00	55977.00	56860.00	57789.00
12356.00	12716.00	13094.00	13564.00	13672.00	13934.00	14207.00	14791.00	15059.00	15342.00	15639.00	15954.00	16299.00	16597.00	16845.00	17119.00	17420.00
29699.00	30443.00	31225.00	31986.00	32681.00	33300.00	33931.00	34718.00	35363.00	36008.00	36637.00	37239.00	37916.00	38547.00	39132.00	39740.00	40369.00
1211.00	1216.00	1220.00	1225.00	1229.00	1233.00	1238.00	1242.00	1246.00	1250.00	1253.00	1257.00	1260.00	1263.00	1266.00	1269.00	1271.00
655.00	658.00	661.00	664.00	666.00	667.00	669.00	671.00	674.00	677.00	679.00	681.00	682.00	684.00	686.00	688.00	689.00
628.00	632.00	636.00	640.00	639.00	642.00	645.00	651.00	654.00	656.00	658.00	659.00	661.00	663.00	665.00	667.00	669.00
4.10	4.00	3.90	3.60	4.00	3.90	3.70	2.90	3.00	3.10	3.10	3.10	3.10	3.00	3.00	3.00	3.00
69.80	69.80	69.90	69.90	69.90	69.80	69.70	69.70	69.70	69.80	69.80	69.80	69.80	69.80	69.80	69.80	69.80
485.40	489.20	493.00	496.60	500.00	503.40	506.60	509.80	512.60	515.30	517.80	520.20	522.40	524.40	526.40	528.30	530.10
29393.10	30172.70	30960.60	31907.80	32325.10	32916.30	33508.20	34067.80	34625.10	35185.40	35743.50	36256.70	36896.20	37498.00	38084.40	38679.40	39295.80
67.00	68.30	69.70	71.20	72.50	73.60	74.70	76.00	77.10	78.30	79.50	80.70	82.00	83.10	84.10	85.20	86.40
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
155.40	157.50	159.20	161.60	164.00	166.60	169.60	172.90	176.30	179.60	182.80	186.60	189.20	192.30	195.40	198.10	200.70
40474.00	41452.00	42420.00	43185.00	44077.00	44796.00	45680.00	46713.00	47388.00	48014.00	48665.00	49459.00	50382.00	51164.00	51873.00	52620.00	53466.00
11897.00	12216.00	12541.00	12788.00	13124.00	13355.00	13667.00	14122.00	14342.00	14536.00	14748.00	15037.00	15378.00	15652.00	15873.00	16102.00	16385.00
28577.00	29236.00	29879.00	30397.00	30953.00	31441.00	32013.00	32591.00	33046.00	33478.00	33917.00	34422.00	35004.00	35513.00	36000.00	36519.00	37080.00
1212.00	1217.00	1221.00	1226.00	1231.00	1236.00	1241.00	1245.00	1250.00	1255.00	1259.00	1264.00	1268.00	1272.00	1276.00	1280.00	1283.00
640.00	642.00	644.00	645.00	646.00	646.00	648.00	649.00	650.00	652.00	652.00	653.00	654.00	654.00	655.00	655.00	657.00
614.00	618.00	622.00	625.00	628.00	629.00	632.00	636.00	638.00	638.00	639.00	639.00	641.00	642.00	644.00	645.00	646.00
4.00	3.70	3.50	3.20	2.80	2.60	2.40	1.90	1.90	2.10	2.10	2.00	1.90	1.80	1.70	1.70	1.60
68.20	68.10	68.10	68.00	67.70	67.50	67.40	67.30	67.20	67.10	66.90	66.80	66.60	66.50	66.30	66.10	66.10
485.40	489.20	493.00	496.60	500.10	503.60	507.00	510.30	513.30	516.20	518.90	521.60	524.10	526.50	528.80	531.10	533.30
27914.00	28639.10	29314.20	29964.90	30424.20	30837.10	31365.60	31769.20	32186.70	32564.10	32920.20	33381.80	34033.70	34621.40	35194.50	35818.70	36517.40
65.90	67.10	68.20	69.10	70.20	71.20	72.30	73.40	74.30	75.20	76.20	77.40	78.60	79.60	80.60	81.60	82.70
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
156.30	158.70	161.00	163.50	166.00	168.60	171.30	174.00	176.60	179.10	181.70	184.60	187.10	189.80	192.90	196.00	198.90
39680.00	40301.00	40941.00	41257.00	41988.00	42610.00	43305.00	44372.00	44854.00	45346.00	45874.00	46413.00	47043.00	47620.00	48145.00	48708.00	49357.00
11588.00	11788.00	11968.00	11854.00	12121.00	12310.00	12528.00	13008.00	13090.00	13165.00	13275.00	13412.00	13575.00	13705.00	13806.00	13932.00	14093.00
28092.00	28514.00	28973.00	29403.00	29867.00	30300.00	30777.00	31364.00	31764.00	32181.00	32599.00	33001.00	33468.00	33914.00	34339.00	34776.00	35263.00
1215.00	1220.00	1224.00	1229.00	1234.00	1238.00	1243.00	1247.00	1251.00	1255.00	1259.00	1262.00	1265.00	1268.00	1271.00	1273.00	1275.00
639.00	641.00	643.00	643.00	643.00	645.00	646.00	647.00	648.00	651.00	653.00	655.00	656.00	658.00	660.00	661.00	664.00
617.00	619.00	622.00	619.00	622.00	624.00	627.00	633.00	633.00	634.00	635.00	637.00	639.00	641.00	642.00	644.00	647.00
3.40	3.30	3.20	3.80	3.20	3.20	3.00	2.20	2.30	2.60	2.70	2.70	2.70	2.60	2.60	2.60	2.50
68.10	67.90	67.80	67.60	67.40	67.30	67.30	67.10	67.10	67.10	67.10	67.10	67.10	67.10	67.10	67.20	67.20
486.50	490.50	494.30	498.00	501.50	505.00	508.30	511.50	514.40	517.00	519.50	521.90	524.10	526.10	528.00	529.90	531.60
27778.70	28321.10	28941.20	29260.90	29902.10	30468.40	31044.80	31913.40	32447.80	32960.30	33446.40	33896.90	34483.60	35033.60	35519.80	35987.60	36438.80
64.30	65.10	65.80	66.70	67.50	68.30	69.10	70.10	70.80	71.50	72.20	72.90	73.60	74.30	74.90	75.60	76.30

Table A1.5: Economic Indicators, New Brunswick

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	113.20	114.50	117.30	120.70	122.90	126.10	128.20	129.70	131.50	133.20	134.30	136.30	138.10	140.70
Total GDP (million \$1997)	17636.00	17868.00	18432.00	18331.00	18981.00	19059.00	19554.00	19876.00	20154.00	20584.00	21129.00	21553.00	22030.00	22372.00
Goods GDP	5630.00	5481.00	5554.00	5658.00	6101.00	5650.00	5735.00	5786.00	5873.00	5984.00	6188.00	6322.00	6468.00	6565.00
Services GDP	12006.00	12387.00	12878.00	12673.00	12880.00	13410.00	13819.00	14089.00	14281.00	14600.00	14941.00	15231.00	15562.00	15807.00
Population (thousand)	528.00	522.00	519.20	517.90	516.30	514.60	514.60	514.50	514.30	514.00	513.50	513.00	512.40	511.60
Labour Force (thousand)	237.80	242.70	248.50	254.10	254.30	252.50	253.80	252.30	250.70	251.30	250.30	248.50	246.60	245.10
Employment (thousand)	198.00	203.80	207.20	212.30	214.30	214.10	216.60	218.10	223.30	220.70	216.90	214.20	214.00	218.50
Unemployment Rate (percent)	16.70	16.10	16.70	16.50	15.70	15.20	14.70	13.60	10.90	12.20	13.30	13.80	13.20	10.80
Participation Rate (percent)	55.40	56.80	58.20	59.30	59.10	58.80	58.80	58.30	57.90	58.00	57.70	57.20	56.80	56.50
Households (thousand)	284.80	290.40	292.90	294.40	298.40	302.50	304.70	306.60	308.50	310.20	311.90	313.50	314.80	316.00
Personal Disposable Income (millions \$1997)	13011.90	13200.70	13014.60	13315.20	13510.10	13668.60	14087.40	14476.70	14785.30	15102.40	15630.70	15959.20	16341.80	16617.60
Output (GDP) per employee (thousand \$1997)	53.20	54.10	53.70	53.40	54.20	54.40	55.00	56.00	56.90	58.10	59.40	60.40	61.60	62.50

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	112.80	114.70	118.60	122.60	124.40	127.40	130.40	131.90	135.50	139.00	142.20	143.90	145.80	147.70
Total GDP (million \$1997)	17636.00	17868.00	18432.00	18331.00	18981.00	19059.00	19554.00	19876.00	19928.00	20220.00	20753.00	21154.00	21470.00	21817.00
Goods GDP	5630.00	5481.00	5554.00	5658.00	6101.00	5650.00	5735.00	5786.00	5800.00	5897.00	6139.00	6278.00	6352.00	6461.00
Services GDP	12006.00	12387.00	12878.00	12673.00	12880.00	13410.00	13819.00	14089.00	14128.00	14323.00	14614.00	14876.00	15119.00	15356.00
Population (thousand)	751.00	750.00	750.00	750.00	751.00	750.00	750.00	750.00	749.00	749.00	748.00	748.00	747.00	746.00
Labour Force (thousand)	368.00	372.00	382.00	382.00	388.00	388.00	396.00	393.00	390.00	388.00	387.00	386.00	384.00	382.00
Employment (thousand)	331.00	330.00	343.00	343.00	350.00	351.00	355.00	355.00	354.00	352.00	353.00	355.00	353.00	353.00
Unemployment Rate (percent)	10.00	11.10	10.20	10.30	9.80	9.70	10.30	9.70	9.40	9.40	8.70	8.10	7.90	7.70
Participation Rate (percent)	61.50	61.90	63.40	63.20	63.90	63.60	64.60	63.90	63.30	62.80	62.50	62.10	61.80	61.40
Households (thousand)	284.80	290.40	292.90	294.40	298.40	302.50	304.70	306.70	308.60	310.40	312.10	313.70	315.10	316.30
Personal Disposable Income (millions \$1997)	13011.90	13200.70	13014.60	13315.20	13510.10	13668.60	14087.40	14476.70	14619.20	14706.70	15155.60	15484.10	15775.20	16045.70
Output (GDP) per employee (thousand \$1997)	53.20	54.10	53.70	53.40	54.20	54.40	55.00	56.00	56.40	57.40	58.70	59.60	60.70	61.90

## Fortified Islands

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	112.80	114.70	118.60	122.60	124.40	127.40	130.40	131.90	136.10	139.20	141.90	143.80	145.90	148.40
Total GDP (million \$1997)	17636.00	17868.00	18432.00	18331.00	18981.00	19059.00	19554.00	19876.00	19916.00	19982.00	20288.00	20661.00	21081.00	21439.00
Goods GDP	5630.00	5481.00	5554.00	5658.00	6101.00	5650.00	5735.00	5786.00	5797.00	5721.00	5822.00	5943.00	6082.00	6210.00
Services GDP	12006.00	12387.00	12878.00	12673.00	12880.00	13410.00	13819.00	14089.00	14119.00	14261.00	14466.00	14718.00	15000.00	15229.00
Population (thousand)	751.00	750.00	750.00	750.00	751.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	750.00	749.00
Labour Force (thousand)	368.00	372.00	382.00	382.00	388.00	388.00	396.00	393.00	391.00	389.00	386.00	385.00	384.00	383.00
Employment (thousand)	331.00	330.00	343.00	343.00	350.00	351.00	355.00	355.00	353.00	351.00	351.00	351.00	352.00	353.00
Unemployment Rate (percent)	10.00	11.10	10.20	10.30	9.80	9.70	10.30	9.70	9.60	9.70	9.20	8.70	8.30	7.90
Participation Rate (percent)	61.50	61.90	63.40	63.20	63.90	63.60	64.60	63.90	63.30	62.70	62.20	61.80	61.60	61.30
Households (thousand)	284.80	290.40	292.90	294.40	298.40	302.50	304.70	306.60	308.60	310.60	312.40	314.10	315.70	317.10
Personal Disposable Income (millions \$1997)	13011.90	13200.70	13014.60	13315.20	13510.10	13668.60	14087.40	14476.70	14509.60	14639.40	14901.60	15196.40	15535.20	15829.30
Output (GDP) per employee (thousand \$1997)	53.20	54.10	53.70	53.40	54.20	54.40	55.00	56.00	56.40	56.90	57.80	58.80	59.90	60.80

Source: Informetrica Limited, Statistics Canada, NEB

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
143.40	145.00	146.50	148.30	150.60	152.90	155.20	157.80	160.30	162.80	165.30	168.00	170.50	173.50	176.60	179.70	182.70
22712.00	23246.00	23838.00	24393.00	24768.00	25141.00	25527.00	25891.00	26307.00	26729.00	27185.00	27598.00	28070.00	28481.00	28834.00	29191.00	29572.00
6657.00	6848.00	7065.00	7275.00	7379.00	7481.00	7590.00	7688.00	7829.00	7980.00	8163.00	8329.00	8521.00	8678.00	8805.00	8935.00	9085.00
16055.00	16398.00	16773.00	17118.00	17389.00	17660.00	17938.00	18203.00	18478.00	18750.00	19021.00	19269.00	19549.00	19803.00	20029.00	20255.00	20487.00
510.70	509.70	508.60	507.30	505.90	504.30	502.60	500.70	498.60	496.40	494.00	491.40	488.70	485.80	482.60	479.30	475.90
244.20	243.90	242.80	241.80	239.30	236.80	234.30	231.80	229.50	227.30	224.90	222.40	221.00	219.90	218.80	217.80	216.70
223.70	222.80	224.50	219.50	217.20	213.90	211.00	208.60	206.60	205.00	203.20	201.40	200.20	199.20	198.40	197.00	196.00
8.40	8.70	7.50	9.20	9.20	9.70	9.90	10.00	10.00	9.80	9.60	9.40	9.40	9.40	9.30	9.50	9.60
56.30	56.30	56.20	56.10	55.70	55.30	54.80	54.40	54.10	53.80	53.50	53.10	53.10	53.10	53.20	53.30	53.30
317.10	318.20	319.20	319.90	320.50	320.90	321.20	321.30	321.20	320.80	320.30	319.70	318.80	317.90	316.70	315.50	314.10
16883.80	17293.50	17702.00	18081.20	18406.60	18702.00	19005.30	19302.70	19609.60	19912.50	20216.00	20496.20	20857.20	21193.80	21514.40	21829.90	22153.40
63.50	64.90	66.40	67.90	69.10	70.30	71.50	72.60	73.90	75.20	76.50	77.90	79.30	80.50	81.60	82.80	84.00
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
150.10	151.90	153.30	155.50	157.50	159.80	162.40	165.30	168.30	171.30	174.20	177.50	179.80	182.60	185.40	187.90	190.20
22147.00	22632.00	23131.00	23462.00	23735.00	24035.00	24457.00	24821.00	25148.00	25430.00	25776.00	26145.00	26624.00	27010.00	27341.00	27690.00	28115.00
6563.00	6726.00	6898.00	6982.00	7030.00	7108.00	7254.00	7381.00	7496.00	7588.00	7727.00	7875.00	8080.00	8232.00	8348.00	8468.00	8639.00
15584.00	15906.00	16233.00	16480.00	16705.00	16927.00	17203.00	17440.00	17652.00	17842.00	18049.00	18269.00	18544.00	18778.00	18994.00	19223.00	19476.00
745.00	744.00	743.00	741.00	740.00	738.00	736.00	734.00	731.00	729.00	726.00	723.00	719.00	716.00	712.00	708.00	704.00
380.00	378.00	377.00	375.00	372.00	369.00	367.00	364.00	362.00	359.00	356.00	353.00	351.00	349.00	347.00	345.00	343.00
352.00	352.00	352.00	351.00	349.00	347.00	347.00	346.00	345.00	343.00	341.00	340.00	339.00	338.00	337.00	336.00	335.00
7.40	7.00	6.60	6.40	6.20	5.90	5.60	5.20	4.80	4.50	4.10	3.70	3.40	3.10	2.90	2.70	2.40
61.10	60.90	60.70	60.40	60.10	59.80	59.50	59.30	59.00	58.80	58.50	58.20	58.10	58.00	58.00	57.90	57.90
317.40	318.60	319.60	320.40	321.00	321.50	321.80	322.00	321.90	321.60	321.10	320.50	319.70	318.70	317.60	316.40	315.00
16285.20	16703.50	17089.30	17368.30	17609.70	17833.00	18142.30	18392.20	18659.70	18898.30	19118.10	19404.90	19800.80	20159.80	20501.40	20875.10	21286.70
63.00	64.30	65.70	66.80	68.00	69.20	70.60	71.80	73.00	74.20	75.50	76.90	78.50	79.80	81.10	82.50	83.90
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
151.40	153.60	155.60	157.80	160.10	162.40	164.80	167.20	169.50	171.80	174.10	176.70	178.90	181.40	184.10	186.90	189.40
21692.00	22033.00	22382.00	22706.00	22980.00	23307.00	23664.00	23944.00	24191.00	24451.00	24799.00	25105.00	25461.00	25775.00	26052.00	26310.00	26625.00
6283.00	6403.00	6504.00	6604.00	6666.00	6762.00	6870.00	6920.00	6950.00	6992.00	7104.00	7196.00	7310.00	7394.00	7457.00	7506.00	7585.00
15409.00	15630.00	15877.00	16101.00	16314.00	16544.00	16794.00	17025.00	17240.00	17459.00	17695.00	17909.00	18151.00	18381.00	18596.00	18804.00	19040.00
749.00	748.00	747.00	747.00	745.00	744.00	743.00	741.00	739.00	737.00	735.00	732.00	730.00	727.00	723.00	720.00	716.00
381.00	380.00	379.00	377.00	375.00	373.00	372.00	370.00	368.00	366.00	364.00	362.00	362.00	361.00	360.00	360.00	359.00
352.00	352.00	352.00	352.00	351.00	351.00	350.00	349.00	347.00	346.00	346.00	345.00	345.00	345.00	345.00	344.00	344.00
7.60	7.30	7.00	6.70	6.40	6.10	5.80	5.60	5.50	5.40	5.00	4.70	4.50	4.30	4.20	4.20	4.20
61.10	60.80	60.60	60.40	60.20	60.00	59.80	59.50	59.40	59.20	59.10	59.00	59.10	59.20	59.30	59.40	59.60
318.40	319.60	320.80	321.70	322.50	323.10	323.60	323.90	324.00	323.80	323.50	323.10	322.50	321.70	320.80	319.80	318.70
16081.70	16409.10	16772.60	17101.70	17408.10	17734.00	18062.80	18398.60	18710.50	19020.10	19354.40	19640.00	20005.10	20335.30	20624.50	20903.90	21179.10
61.50	62.50	63.50	64.50	65.40	66.50	67.60	68.60	69.60	70.70	71.70	72.70	73.70	74.60	75.50	76.40	77.40

**Table A1.6: Economic Indicators, Newfoundland and Labrador****Reference Case and Continuing Trends**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	113.20	114.50	117.30	120.70	122.90	126.10	128.20	129.70	131.50	133.20	134.30	136.30	138.10	140.70
Total GDP (million \$1997)	11255.00	11428.00	12655.00	12945.00	13132.00	13020.00	13816.00	14241.00	14755.00	14663.00	14434.00	14221.00	14442.00	15255.00
Goods GDP	3713.00	3640.00	4541.00	4663.00	4932.00	4836.00	5368.00	5555.00	5939.00	5761.00	5501.00	5253.00	5296.00	5771.00
Services GDP	7543.00	7788.00	8114.00	8281.00	8200.00	8185.00	8448.00	8686.00	8816.00	8902.00	8933.00	8968.00	9146.00	9484.00
Population (thousand)	528.00	522.00	519.00	518.00	516.00	515.00	515.00	515.00	514.00	514.00	514.00	513.00	512.00	512.00
Labour Force (thousand)	238.00	243.00	249.00	254.00	254.00	253.00	254.00	252.00	251.00	251.00	250.00	249.00	247.00	245.00
Employment (thousand)	198.00	204.00	207.00	212.00	214.00	214.00	217.00	218.00	223.00	221.00	217.00	214.00	214.00	218.00
Unemployment Rate (percent)	16.70	16.10	16.70	16.50	15.70	15.20	14.70	13.60	10.90	12.20	13.30	13.80	13.20	10.80
Participation Rate (percent)	55.40	56.80	58.20	59.30	59.10	58.80	58.80	58.30	57.90	58.00	57.70	57.20	56.80	56.50
Households (thousand)	191.50	194.10	193.40	198.30	199.00	202.30	204.10	205.70	207.20	208.60	209.90	211.10	212.10	212.90
Personal Disposable Income (millions \$1997)	8351.60	8613.90	8637.30	8972.70	9146.10	9248.80	9902.80	10347.40	10889.20	10900.60	10848.00	10819.20	11015.50	11515.30
Output (GDP) per employee (thousand \$1997)	56.80	56.10	61.10	61.00	61.30	60.80	63.80	65.30	66.10	66.40	66.60	66.40	67.50	69.80

**Triple E**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	113.20	114.50	117.30	120.70	122.90	126.10	128.20	129.70	133.40	136.90	140.00	141.60	143.50	145.30
Total GDP (million \$1997)	11255.00	11428.00	12655.00	12945.00	13132.00	13020.00	13816.00	14241.00	14313.00	14170.00	13750.00	13555.00	13630.00	14397.00
Goods GDP	3713.00	3640.00	4541.00	4663.00	4932.00	4836.00	5368.00	5555.00	5583.00	5421.00	5062.00	4844.00	4806.00	5253.00
Services GDP	7543.00	7788.00	8114.00	8281.00	8200.00	8185.00	8448.00	8686.00	8730.00	8748.00	8687.00	8711.00	8824.00	9144.00
Population (thousand)	528.00	522.00	519.00	518.00	516.00	515.00	515.00	515.00	514.00	512.00	511.00	510.00	508.00	507.00
Labour Force (thousand)	238.00	243.00	249.00	254.00	254.00	253.00	254.00	252.00	251.00	249.00	247.00	244.00	241.00	238.00
Employment (thousand)	198.00	204.00	207.00	212.00	214.00	214.00	217.00	218.00	218.00	214.00	209.00	206.00	205.00	208.00
Unemployment Rate (percent)	16.70	16.10	16.70	16.50	15.70	15.20	14.70	13.60	13.10	13.90	15.50	15.60	15.10	12.70
Participation Rate (percent)	55.40	56.80	58.20	59.30	59.10	58.80	58.80	58.30	57.80	57.40	56.90	56.30	55.60	55.10
Households (thousand)	191.50	194.10	193.40	198.30	198.90	202.10	203.90	205.50	206.80	207.90	209.00	210.00	210.80	211.40
Personal Disposable Income (millions \$1997)	8351.60	8613.90	8637.30	8972.70	9146.10	9248.80	9902.80	10347.40	10464.90	10328.80	10117.50	10053.70	10129.40	10573.30
Output (GDP) per employee (thousand \$1997)	56.80	56.10	61.10	61.00	61.30	60.80	63.80	65.30	65.70	66.10	65.80	65.80	66.60	69.20

**Fortified Islands**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	113.20	114.50	117.30	120.70	122.90	126.10	128.20	129.70	134.00	137.10	139.80	141.70	143.70	146.20
Total GDP (million \$1997)	11255.00	11428.00	12655.00	12945.00	13132.00	13020.00	13816.00	14241.00	14781.00	14813.00	14940.00	14748.00	15222.00	15966.00
Goods GDP	3713.00	3640.00	4541.00	4663.00	4932.00	4836.00	5368.00	5555.00	6009.00	5950.00	5965.00	5734.00	6052.00	6493.00
Services GDP	7543.00	7788.00	8114.00	8281.00	8200.00	8185.00	8448.00	8686.00	8772.00	8863.00	8975.00	9014.00	9169.00	9473.00
Population (thousand)	528.00	522.00	519.00	518.00	516.00	515.00	515.00	515.00	515.00	516.00	517.00	517.00	517.00	518.00
Labour Force (thousand)	238.00	243.00	249.00	254.00	254.00	253.00	254.00	252.00	251.00	252.00	251.00	249.00	248.00	248.00
Employment (thousand)	198.00	204.00	207.00	212.00	214.00	214.00	217.00	218.00	224.00	223.00	223.00	220.00	224.00	228.00
Unemployment Rate (percent)	16.70	16.10	16.70	16.50	15.70	15.20	14.70	13.60	10.80	11.20	11.10	11.90	9.50	7.80
Participation Rate (percent)	55.40	56.80	58.20	59.30	59.10	58.80	58.80	58.30	57.80	57.70	57.20	56.80	56.30	56.20
Households (thousand)	191.50	194.10	193.40	198.30	199.00	202.30	204.10	205.70	207.60	209.30	210.90	212.40	213.80	215.00
Personal Disposable Income (millions \$1997)	8351.60	8613.90	8637.30	8972.70	9146.10	9248.80	9902.80	10347.40	10788.90	10886.20	11042.50	10989.60	11409.80	11913.80
Output (GDP) per employee (thousand \$1997)	56.80	56.10	61.10	61.00	61.30	60.80	63.80	65.30	65.90	66.30	67.00	67.10	67.80	69.90

Source: Informetrica Limited, Statistics Canada, NEB

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
143.40	145.00	146.50	148.30	150.60	152.90	155.20	157.80	160.30	162.80	165.30	168.00	170.50	173.50	176.60	179.70	182.70
15875.00	16402.00	16997.00	16932.00	16830.00	16608.00	16409.00	16261.00	16190.00	16206.00	16191.00	16182.00	16251.00	16328.00	16409.00	16438.00	16522.00
6202.00	6382.00	6685.00	6448.00	6287.00	6043.00	5816.00	5630.00	5502.00	5436.00	5358.00	5290.00	5275.00	5269.00	5269.00	5236.00	5242.00
9673.00	10020.00	10311.00	10484.00	10543.00	10565.00	10594.00	10630.00	10688.00	10769.00	10833.00	10892.00	10976.00	11059.00	11139.00	11201.00	11280.00
511.00	510.00	509.00	507.00	506.00	504.00	503.00	501.00	499.00	496.00	494.00	491.00	489.00	486.00	483.00	479.00	476.00
244.00	244.00	243.00	242.00	239.00	237.00	234.00	232.00	230.00	227.00	225.00	222.00	221.00	220.00	219.00	218.00	217.00
224.00	223.00	224.00	220.00	217.00	214.00	211.00	209.00	207.00	205.00	203.00	201.00	200.00	199.00	198.00	197.00	196.00
8.40	8.70	7.50	9.20	9.20	9.70	9.90	10.00	10.00	9.80	9.60	9.40	9.40	9.40	9.30	9.50	9.60
56.30	56.30	56.20	56.10	55.70	55.30	54.80	54.40	54.10	53.80	53.50	53.10	53.10	53.10	53.20	53.30	53.30
213.70	214.40	215.00	215.40	215.70	215.90	215.90	215.80	215.60	215.10	214.60	213.90	213.20	212.30	211.30	210.20	209.00
11983.10	12242.10	12664.90	12587.30	12624.90	12577.30	12534.40	12519.20	12533.70	12586.60	12624.90	12651.00	12756.60	12864.30	12982.80	13070.00	13187.00
71.00	73.60	75.70	77.10	77.50	77.60	77.80	78.00	78.40	79.10	79.70	80.30	81.20	82.00	82.70	83.40	84.30
<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
147.60	149.30	150.70	152.80	154.70	156.90	159.40	162.30	165.20	168.10	171.00	174.10	176.40	179.20	182.00	184.40	186.70
14762.00	14986.00	14940.00	15015.00	14931.00	14886.00	14869.00	14856.00	14856.00	14912.00	14940.00	14979.00	15099.00	15194.00	15279.00	15305.00	15402.00
5432.00	5501.00	5369.00	5339.00	5202.00	5102.00	5017.00	4948.00	4890.00	4876.00	4846.00	4824.00	4855.00	4875.00	4888.00	4858.00	4877.00
9330.00	9485.00	9571.00	9677.00	9729.00	9783.00	9852.00	9908.00	9966.00	10036.00	10094.00	10154.00	10244.00	10319.00	10391.00	10447.00	10524.00
505.00	504.00	502.00	500.00	497.00	495.00	492.00	490.00	487.00	484.00	481.00	477.00	474.00	470.00	466.00	462.00	457.00
236.00	234.00	232.00	229.00	226.00	223.00	220.00	217.00	214.00	210.00	207.00	204.00	202.00	200.00	197.00	196.00	194.00
209.00	208.00	206.00	204.00	202.00	199.00	197.00	196.00	194.00	192.00	191.00	189.00	187.00	186.00	185.00	183.00	182.00
11.70	11.20	11.40	10.90	10.80	10.50	10.20	9.70	9.20	8.50	8.00	7.40	7.00	6.70	6.30	6.20	5.90
54.80	54.50	54.20	53.70	53.20	52.60	52.20	51.70	51.20	50.70	50.20	49.80	49.60	49.50	49.30	49.20	49.20
211.90	212.40	212.80	213.00	213.00	212.90	212.70	212.40	211.80	211.10	210.30	209.30	208.20	207.00	205.70	204.30	202.70
10794.90	10986.00	11053.20	11064.50	11070.80	11020.20	11019.20	11052.10	11090.90	11067.10	11089.00	11152.90	11293.30	11414.90	11536.70	11636.90	11778.20
70.80	72.00	72.60	73.50	74.00	74.60	75.30	75.90	76.60	77.50	78.40	79.40	80.50	81.60	82.60	83.50	84.60
<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
149.20	151.30	153.30	155.50	157.70	160.00	162.40	164.70	167.00	169.30	171.60	174.10	176.30	178.70	181.40	184.10	186.70
16465.00	17635.00	17926.00	19188.00	18952.00	18666.00	18804.00	18098.00	17570.00	17050.00	16491.00	16085.00	15736.00	15427.00	15140.00	14909.00	14752.00
6770.00	7359.00	7560.00	8390.00	8187.00	7969.00	8054.00	7441.00	7048.00	6667.00	6269.00	5992.00	5752.00	5543.00	5352.00	5201.00	5098.00
9694.00	10276.00	10366.00	10799.00	10765.00	10697.00	10750.00	10657.00	10521.00	10382.00	10222.00	10093.00	9984.00	9885.00	9788.00	9708.00	9653.00
518.00	518.00	518.00	518.00	517.00	517.00	516.00	515.00	514.00	513.00	512.00	511.00	509.00	507.00	505.00	503.00	501.00
247.00	247.00	246.00	246.00	249.00	246.00	244.00	244.00	239.00	237.00	235.00	232.00	231.00	230.00	230.00	229.00	229.00
231.00	232.00	235.00	242.00	241.00	239.00	241.00	234.00	231.00	228.00	225.00	223.00	221.00	220.00	219.00	218.00	218.00
6.70	5.80	4.40	1.50	3.10	2.50	1.50	4.20	3.50	3.80	4.10	4.00	4.30	4.50	4.60	4.70	4.60
56.00	55.80	55.70	55.60	56.30	55.60	55.40	55.40	54.40	54.00	53.50	53.10	53.00	53.00	53.00	53.00	53.20
216.20	217.30	218.30	219.10	219.80	220.40	220.80	221.20	221.30	221.30	221.20	221.00	220.70	220.20	219.70	219.00	218.30
12288.10	12954.30	13318.00	14184.10	14109.30	13998.10	14120.00	13726.50	13500.00	13244.30	12942.70	12723.20	12578.50	12454.40	12326.50	12223.40	12141.70
71.40	75.90	76.20	79.20	78.70	78.00	78.20	77.30	76.00	74.80	73.30	72.10	71.10	70.10	69.10	68.30	67.60

Table A1.7: Economic Indicators, Nova Scotia

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	114.20	116.30	119.80	123.90	126.10	129.60	132.40	134.00	135.90	137.60	138.80	140.90	142.90	145.60
Total GDP (million \$1997)	20968.00	21683.00	22535.00	22665.00	23405.00	23668.00	24187.00	24668.00	25332.00	25724.00	26410.00	26649.00	27186.00	27414.00
Goods GDP	5074.00	5439.00	5659.00	5579.00	5836.00	5781.00	5872.00	5949.00	6326.00	6285.00	6536.00	6436.00	6553.00	6480.00
Services GDP	15894.00	16244.00	16876.00	17086.00	17569.00	17887.00	18315.00	18718.00	19006.00	19438.00	19874.00	20213.00	20633.00	20934.00
Population (thousand)	934.00	932.00	934.00	936.00	937.00	937.00	937.00	937.00	937.00	937.00	936.00	936.00	935.00	935.00
Labour Force (thousand)	453.00	460.00	468.00	475.00	485.00	484.00	485.00	483.00	482.00	484.00	484.00	485.00	484.00	483.00
Employment (thousand)	411.00	415.00	423.00	431.00	442.00	443.00	447.00	448.00	452.00	450.00	453.00	450.00	451.00	448.00
Unemployment Rate (percent)	9.10	9.70	9.60	9.10	8.80	8.40	7.70	7.30	6.20	6.90	6.60	7.10	6.80	7.20
Participation Rate (percent)	61.30	61.90	62.60	63.10	64.10	63.60	63.40	62.90	62.70	62.60	62.50	62.40	62.20	62.10
Households (thousand)	364.00	367.60	372.20	374.20	373.40	383.10	386.00	388.80	391.50	394.00	396.50	398.90	401.10	403.00
Personal Disposable Income (millions \$1997)	16549.80	16802.40	16830.70	17162.70	17414.60	17630.90	18146.50	18704.90	19362.90	19679.70	20325.80	20556.60	21017.20	21201.00
Output (GDP) per employee (thousand \$1997)	51.00	52.20	53.30	52.60	52.90	53.40	54.10	55.10	56.00	57.10	58.40	59.20	60.30	61.20

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	114.20	116.30	119.80	123.90	126.10	129.60	132.40	134.00	138.00	141.60	144.90	146.50	148.40	150.30
Total GDP (million \$1997)	20968.00	21683.00	22535.00	22665.00	23405.00	23668.00	24187.00	24668.00	24743.00	25088.00	25561.00	25912.00	26301.00	26666.00
Goods GDP	5074.00	5439.00	5659.00	5579.00	5836.00	5781.00	5872.00	5949.00	5954.00	6031.00	6174.00	6210.00	6271.00	6338.00
Services GDP	15894.00	16244.00	16876.00	17086.00	17569.00	17887.00	18315.00	18718.00	18789.00	19057.00	19388.00	19702.00	20030.00	20328.00
Population (thousand)	934.00	932.00	934.00	936.00	937.00	937.00	937.00	937.00	937.00	937.00	936.00	935.00	935.00	934.00
Labour Force (thousand)	453.00	460.00	468.00	475.00	485.00	484.00	485.00	483.00	481.00	480.00	479.00	478.00	475.00	473.00
Employment (thousand)	411.00	415.00	423.00	431.00	442.00	443.00	447.00	448.00	446.00	444.00	443.00	443.00	442.00	440.00
Unemployment Rate (percent)	9.10	9.70	9.60	9.10	8.80	8.40	7.70	7.30	7.30	7.50	7.60	7.30	7.10	6.90
Participation Rate (percent)	61.30	61.90	62.60	63.10	64.10	63.60	63.40	62.90	62.40	62.00	61.80	61.50	61.00	60.70
Households (thousand)	364.00	367.60	372.20	374.20	373.30	383.00	385.90	388.60	391.20	393.60	396.00	398.30	400.40	402.30
Personal Disposable Income (millions \$1997)	16549.80	16802.40	16830.70	17162.70	17414.60	17630.90	18146.50	18704.90	18823.10	18956.30	19378.00	19755.10	20137.60	20465.00
Output (GDP) per employee (thousand \$1997)	52.20	53.30	52.60	52.90	53.40	54.10	55.10	55.50	56.60	57.70	58.50	59.50	60.60	61.60

## Fortified Islands

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	114.20	116.30	119.80	123.90	126.10	129.60	132.40	134.00	138.50	141.80	144.60	146.60	148.70	151.30
Total GDP (million \$1997)	20968.00	21683.00	22535.00	22665.00	23405.00	23668.00	24187.00	24668.00	25088.00	25232.00	25585.00	25723.00	26150.00	26559.00
Goods GDP	5074.00	5439.00	5659.00	5579.00	5836.00	5781.00	5872.00	5949.00	6269.00	6138.00	6214.00	6041.00	6108.00	6227.00
Services GDP	15894.00	16244.00	16876.00	17086.00	17569.00	17887.00	18315.00	18718.00	18819.00	19094.00	19371.00	19682.00	20042.00	20331.00
Population (thousand)	934.00	932.00	934.00	936.00	937.00	937.00	937.00	937.00	939.00	940.00	941.00	942.00	943.00	944.00
Labour Force (thousand)	453.00	460.00	468.00	475.00	485.00	484.00	485.00	483.00	482.00	481.00	481.00	480.00	479.00	479.00
Employment (thousand)	411.00	415.00	423.00	431.00	442.00	443.00	447.00	448.00	452.00	449.00	448.00	444.00	444.00	445.00
Unemployment Rate (percent)	9.10	9.70	9.60	9.10	8.80	8.40	7.70	7.30	6.20	6.80	6.70	7.50	7.40	7.00
Participation Rate (percent)	61.30	61.90	62.60	63.10	64.10	63.60	63.40	62.90	62.40	62.00	61.60	61.30	61.00	60.70
Households (thousand)	364.00	367.60	372.20	374.20	373.40	383.10	386.00	388.80	392.00	395.10	398.10	401.10	403.80	406.30
Personal Disposable Income (millions \$1997)	16549.80	16802.40	16830.70	17162.70	17414.60	17630.90	18146.50	18704.90	19037.60	19211.00	19555.30	19712.90	20093.80	20471.20
Output (GDP) per employee (thousand \$1997)	51.00	52.20	53.30	52.60	52.90	53.40	54.10	55.10	55.50	56.20	57.10	58.00	58.90	59.70

Source: Informetrica Limited, Statistics Canada, NEB

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
148.40	150.00	151.60	153.50	155.90	158.30	160.80	163.50	166.10	168.70	171.40	174.30	176.90	180.00	183.40	186.70	189.90
27785.00	28384.00	29020.00	29652.00	30115.00	30576.00	31026.00	31455.00	31896.00	32348.00	32789.00	33235.00	33745.00	34210.00	34631.00	35057.00	35498.00
6533.00	6690.00	6859.00	7057.00	7164.00	7270.00	7365.00	7454.00	7546.00	7660.00	7786.00	7936.00	8110.00	8264.00	8397.00	8536.00	8689.00
21252.00	21695.00	22161.00	22595.00	22951.00	23306.00	23660.00	24001.00	24350.00	24689.00	25003.00	25299.00	25635.00	25946.00	26234.00	26521.00	26809.00
934.00	933.00	932.00	930.00	929.00	927.00	925.00	922.00	920.00	917.00	914.00	911.00	907.00	903.00	899.00	894.00	889.00
482.00	481.00	480.00	479.00	477.00	474.00	472.00	470.00	468.00	465.00	463.00	459.00	458.00	458.00	457.00	456.00	456.00
448.00	448.00	448.00	448.00	448.00	447.00	446.00	445.00	444.00	443.00	442.00	441.00	440.00	439.00	439.00	438.00	437.00
7.10	6.90	6.60	6.40	6.10	5.80	5.50	5.20	5.00	4.80	4.50	4.10	4.00	4.00	3.90	4.00	4.10
61.80	61.70	61.60	61.50	61.30	61.10	60.90	60.70	60.60	60.40	60.30	60.00	60.10	60.20	60.40	60.60	60.80
404.90	406.70	408.40	409.80	410.90	411.90	412.70	413.30	413.60	413.60	413.40	413.00	412.30	411.50	410.50	409.30	407.90
21507.80	21988.30	22479.30	22934.80	23327.10	23685.80	24026.30	24356.90	24663.40	24961.00	25267.10	25543.10	25923.20	26274.00	26613.70	26955.60	27302.20
62.10	63.40	64.80	66.20	67.30	68.40	69.50	70.60	71.80	73.00	74.20	75.40	76.70	77.80	78.90	80.00	81.20
152.70	154.50	155.90	158.10	160.10	162.50	165.10	168.20	171.30	174.30	177.40	180.70	183.10	186.00	188.90	191.50	193.90
27021.00	27570.00	28128.00	28523.00	28895.00	29271.00	29722.00	30103.00	30432.00	30730.00	31044.00	31437.00	31911.00	32316.00	32686.00	33068.00	33493.00
6408.00	6545.00	6683.00	6757.00	6819.00	6899.00	7012.00	7111.00	7181.00	7246.00	7336.00	7476.00	7651.00	7797.00	7920.00	8045.00	8200.00
20613.00	21025.00	21444.00	21766.00	22077.00	22372.00	22710.00	22992.00	23252.00	23484.00	23708.00	23960.00	24260.00	24519.00	24766.00	25024.00	25293.00
933.00	932.00	930.00	929.00	927.00	925.00	923.00	921.00	918.00	915.00	912.00	908.00	905.00	901.00	896.00	892.00	887.00
470.00	468.00	466.00	463.00	460.00	456.00	453.00	449.00	445.00	441.00	436.00	432.00	429.00	427.00	425.00	423.00	421.00
439.00	439.00	439.00	438.00	436.00	434.00	433.00	431.00	429.00	427.00	424.00	422.00	421.00	420.00	418.00	417.00	416.00
6.70	6.30	5.90	5.60	5.20	4.80	4.40	3.90	3.60	3.20	2.70	2.20	1.90	1.70	1.60	1.40	1.40
60.30	60.00	59.80	59.50	59.10	58.70	58.30	58.00	57.60	57.20	56.80	56.40	56.30	56.20	56.20	56.10	56.20
404.10	405.90	407.50	408.90	410.00	411.00	411.80	412.30	412.50	412.50	412.20	411.80	411.10	410.20	409.10	407.90	406.50
20752.40	21263.80	21721.30	22064.20	22359.50	22633.90	22966.70	23204.50	23450.10	23685.70	23892.30	24182.00	24587.00	24963.10	25341.60	25745.30	26173.70
62.80	64.10	65.20	66.30	67.40	68.70	69.80	70.90	72.00	73.10	74.40	75.80	77.00	78.10	79.30	80.60	97.40
154.40	156.70	158.80	161.10	163.40	165.90	168.40	170.80	173.20	175.60	178.00	180.70	183.00	185.50	188.40	191.20	193.90
26864.00	27313.00	27881.00	28271.00	28625.00	29021.00	29296.00	29666.00	30136.00	30441.00	30752.00	31061.00	31437.00	31798.00	32239.00	32592.00	32998.00
6289.00	6433.00	6652.00	6729.00	6783.00	6866.00	6773.00	6820.00	6974.00	6931.00	6948.00	6984.00	7045.00	7098.00	7217.00	7278.00	7366.00
20576.00	20880.00	21229.00	21542.00	21842.00	22155.00	22523.00	22846.00	23162.00	23510.00	23804.00	24076.00	24392.00	24699.00	25022.00	25313.00	25632.00
945.00	945.00	946.00	946.00	946.00	946.00	945.00	944.00	944.00	942.00	941.00	939.00	937.00	935.00	932.00	930.00	926.00
477.00	476.00	475.00	473.00	471.00	470.00	468.00	465.00	463.00	461.00	459.00	456.00	455.00	454.00	453.00	451.00	450.00
445.00	446.00	448.00	448.00	447.00	447.00	443.00	442.00	443.00	440.00	439.00	438.00	437.00	437.00	437.00	437.00	437.00
6.70	6.40	5.50	5.30	5.10	4.80	5.30	5.00	4.30	4.40	4.30	4.10	4.00	3.80	3.40	3.10	2.80
60.40	60.20	59.90	59.70	59.40	59.20	58.90	58.60	58.30	58.10	57.90	57.70	57.60	57.60	57.50	57.50	57.50
408.80	411.30	413.50	415.50	417.40	419.00	420.50	421.70	422.60	423.30	423.80	424.10	424.10	424.00	423.60	423.10	422.50
20803.30	21253.50	21843.40	22266.20	22677.20	23098.60	23358.50	23815.60	24344.70	24676.30	25012.70	25313.30	25728.90	26130.50	26552.80	26897.40	27229.30
60.30	61.30	62.20	63.10	64.00	64.90	66.20	67.10	68.00	69.20	70.10	70.90	71.90	72.80	73.70	74.60	75.50

Table A1.8: Economic Indicators, Ontario

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	114.20	117.70	120.10	123.30	125.60	128.40	132.20	133.40	135.90	137.90	139.30	141.80	144.00	147.10
Total GDP (million \$1997)	396761.00	401597.00	416421.00	429299.00	443684.00	459032.00	471361.00	484107.00	499740.00	520232.00	538171.00	554629.00	571617.00	585619.00
Goods GDP	127443.00	123511.00	127807.00	130209.00	135696.00	140056.00	143364.00	146706.00	153485.00	161114.00	167546.00	173477.00	179223.00	184158.00
Services GDP	269319.00	278087.00	288614.00	299090.00	307989.00	318976.00	327996.00	337401.00	346254.00	359118.00	370626.00	381152.00	392394.00	401460.00
Population (thousand)	11685.00	11898.00	12099.00	12252.00	12410.00	12561.00	12713.00	12863.00	13000.00	13140.00	13282.00	13435.00	13588.00	13742.00
Labour Force (thousand)	6173.00	6327.00	6494.00	6676.00	6775.00	6849.00	6927.00	7017.00	7116.00	7233.00	7348.00	7458.00	7561.00	7662.00
Employment (thousand)	5817.00	5926.00	6031.00	6213.00	6316.00	6399.00	6490.00	6562.00	6651.00	6777.00	6873.00	6988.00	7086.00	7179.00
Unemployment Rate (percent)	5.80	6.30	7.10	6.90	6.80	6.60	6.30	6.50	6.50	6.30	6.50	6.30	6.30	6.30
Participation Rate (percent)	67.00	67.30	67.70	68.50	68.40	68.00	67.70	67.60	67.60	67.80	67.90	68.00	68.10	68.10
Households (thousand)	4351.40	4443.10	4492.00	4568.80	4606.40	4727.40	4808.80	4889.30	4965.70	5043.60	5122.20	5203.80	5283.90	5362.50
Personal Disposable Income (millions \$1997)	250566.50	251648.60	255650.10	265089.10	270035.50	277088.30	285134.80	297008.50	305233.80	317244.80	328214.70	337873.00	347935.70	356635.90
Output (GDP) per employee (thousand \$1997)	68.20	67.80	69.00	69.10	70.20	71.70	72.60	73.80	75.10	76.80	78.30	79.40	80.70	81.60

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	114.20	117.70	120.10	123.30	125.60	128.40	132.20	133.40	138.20	142.00	145.50	147.40	149.60	152.00
Total GDP (million \$1997)	396761.00	401597.00	416421.00	429299.00	443684.00	459032.00	471361.00	484107.00	492963.00	509644.00	525694.00	540304.00	554161.00	568714.00
Goods GDP	127443.00	123511.00	127807.00	130209.00	135696.00	140056.00	143364.00	146706.00	151384.00	158728.00	165147.00	170282.00	174865.00	180021.00
Services GDP	269319.00	278087.00	288614.00	299090.00	307989.00	318976.00	327996.00	337401.00	341579.00	350916.00	360548.00	370021.00	379296.00	388692.00
Population (thousand)	11685.00	11898.00	12099.00	12252.00	12410.00	12561.00	12712.00	12862.00	13022.00	13182.00	13344.00	13512.00	13682.00	13853.00
Labour Force (thousand)	6173.00	6327.00	6494.00	6676.00	6775.00	6849.00	6927.00	7017.00	7107.00	7203.00	7315.00	7417.00	7497.00	7581.00
Employment (thousand)	5817.00	5926.00	6031.00	6213.00	6316.00	6399.00	6490.00	6562.00	6636.00	6727.00	6821.00	6927.00	6999.00	7072.00
Unemployment Rate (percent)	5.80	6.30	7.10	6.90	6.80	6.60	6.30	6.50	6.60	6.60	6.80	6.60	6.60	6.70
Participation Rate (percent)	67.00	67.30	67.70	68.50	68.40	68.00	67.70	67.60	67.40	67.30	67.40	67.30	67.10	66.90
Households (thousand)	4351.40	4443.10	4492.00	4568.80	4606.70	4727.70	4809.10	4889.50	4973.30	5057.80	5143.10	5230.00	5315.80	5400.60
Personal Disposable Income (millions \$1997)	250566.50	251648.60	255650.10	265089.10	270035.50	277088.30	285134.80	297008.50	300624.80	308249.80	320788.80	332888.60	343378.00	353769.20
Output (GDP) per employee (thousand \$1997)	68.20	67.80	69.00	69.10	70.20	71.70	72.60	73.80	74.30	75.80	77.10	78.00	79.20	80.40

## Fortified Islands

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	114.20	117.70	120.10	123.30	125.60	128.40	132.20	133.40	138.50	141.80	144.70	146.80	149.20	152.20
Total GDP (million \$1997)	396761.00	401597.00	416421.00	429299.00	443684.00	459032.00	471361.00	484107.00	492305.00	501050.00	507736.00	520037.00	532744.00	543479.00
Goods GDP	127443.00	123511.00	127807.00	130209.00	135696.00	140056.00	143364.00	146706.00	151200.00	153159.00	154005.00	157907.00	162126.00	165920.00
Services GDP	269319.00	278087.00	288614.00	299090.00	307989.00	318976.00	327996.00	337401.00	341105.00	347892.00	353731.00	362130.00	370618.00	377560.00
Population (thousand)	11685.00	11898.00	12099.00	12252.00	12410.00	12561.00	12713.00	12863.00	12990.00	13115.00	13237.00	13364.00	13485.00	13601.00
Labour Force (thousand)	6173.00	6327.00	6494.00	6676.00	6775.00	6849.00	6927.00	7017.00	7093.00	7167.00	7231.00	7295.00	7363.00	7425.00
Employment (thousand)	5817.00	5926.00	6031.00	6213.00	6316.00	6399.00	6490.00	6562.00	6621.00	6675.00	6695.00	6762.00	6833.00	6894.00
Unemployment Rate (percent)	5.80	6.30	7.10	6.90	6.80	6.60	6.30	6.50	6.70	6.90	7.40	7.30	7.20	7.10
Participation Rate (percent)	67.00	67.30	67.70	68.50	68.40	68.00	67.70	67.60	67.40	67.20	67.00	66.80	66.70	66.60
Households (thousand)	4351.40	4443.10	4492.00	4568.80	4606.40	4727.40	4808.80	4889.30	4962.40	5035.40	5107.20	5179.90	5248.90	5314.20
Personal Disposable Income (millions \$1997)	250566.50	251648.60	255650.10	265089.10	270035.50	277088.30	285134.80	297008.50	299856.20	306161.40	311311.80	319203.90	327786.50	335008.30
Output (GDP) per employee (thousand \$1997)	68.20	67.80	69.00	69.10	70.20	71.70	72.60	73.80	74.40	75.10	75.80	76.90	78.00	78.80

Source: Informetrica Limited, Statistics Canada, NEB



2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
150.10	151.90	153.70	155.90	158.60	161.30	164.20	167.30	170.20	173.20	176.30	179.50	182.50	186.00	189.80	193.50	197.00
599914.00	619976.00	642534.00	665148.00	683069.00	700218.00	717601.00	733934.00	751708.00	769921.00	787945.00	806757.00	827913.00	847384.00	865226.00	884332.00	904960.00
188963.00	196306.00	205095.00	214656.00	221485.00	227635.00	233959.00	239758.00	246354.00	253302.00	260246.00	267869.00	276200.00	283521.00	289832.00	296780.00	304576.00
410951.00	423670.00	437440.00	450492.00	461583.00	472583.00	483642.00	494176.00	505353.00	516619.00	527700.00	538888.00	551713.00	563863.00	575394.00	587553.00	600384.00
13896.00	14050.00	14204.00	14359.00	14513.00	14667.00	14821.00	14974.00	15125.00	15276.00	15424.00	15572.00	15717.00	15860.00	16001.00	16139.00	16276.00
7756.00	7857.00	7963.00	8069.00	8164.00	8251.00	8342.00	8432.00	8510.00	8582.00	8649.00	8715.00	8790.00	8868.00	8945.00	9020.00	9098.00
7262.00	7358.00	7469.00	7579.00	7671.00	7749.00	7838.00	7923.00	8010.00	8092.00	8168.00	8243.00	8327.00	8408.00	8487.00	8561.00	8640.00
6.40	6.30	6.20	6.10	6.00	6.10	6.00	6.00	5.90	5.70	5.60	5.40	5.30	5.20	5.10	5.10	5.00
68.20	68.20	68.40	68.60	68.60	68.70	68.70	68.70	68.70	68.60	68.40	68.30	68.20	68.20	68.10	68.10	68.10
5442.40	5524.40	5605.50	5685.00	5763.20	5840.80	5918.10	5994.00	6067.30	6138.40	6207.90	6276.80	6343.60	6409.30	6474.00	6538.50	6602.00
364971.70	376563.00	389124.00	400727.00	411144.20	420327.30	429514.40	438095.90	446755.20	455605.80	464208.30	472796.00	483222.50	493093.60	502405.30	511880.80	521857.40
82.60	84.30	86.00	87.80	89.00	90.40	91.60	92.60	93.90	95.10	96.50	97.90	99.40	100.80	101.90	103.30	104.70
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
154.80	157.00	158.80	161.40	163.90	166.70	169.80	173.20	176.70	180.20	183.60	187.40	190.10	193.30	196.60	199.50	202.20
583079.00	602095.00	621624.00	637210.00	652047.00	667842.00	686860.00	703100.00	717820.00	731448.00	746159.00	764310.00	784123.00	801140.00	816987.00	833319.00	852073.00
185152.00	191959.00	199239.00	204738.00	209569.00	215186.00	222615.00	229025.00	234394.00	239097.00	244378.00	251613.00	259251.00	265373.00	270479.00	275508.00	281956.00
397927.00	410135.00	422385.00	432472.00	442479.00	452656.00	464246.00	474074.00	483426.00	492350.00	501781.00	512697.00	524872.00	535767.00	546508.00	557811.00	570117.00
14026.00	14200.00	14376.00	14553.00	14731.00	14911.00	15091.00	15272.00	15453.00	15634.00	15816.00	15997.00	16178.00	16358.00	16538.00	16717.00	16896.00
7664.00	7759.00	7858.00	7944.00	8020.00	8095.00	8182.00	8269.00	8331.00	8382.00	8430.00	8488.00	8559.00	8627.00	8692.00	8758.00	8834.00
7147.00	7241.00	7343.00	7424.00	7489.00	7553.00	7641.00	7721.00	7785.00	7834.00	7879.00	7939.00	8008.00	8066.00	8118.00	8166.00	8228.00
6.70	6.70	6.60	6.50	6.60	6.70	6.60	6.60	6.60	6.50	6.50	6.50	6.40	6.50	6.60	6.80	6.90
66.80	66.80	66.80	66.70	66.50	66.40	66.30	66.20	65.90	65.60	65.20	64.90	64.70	64.50	64.20	64.00	63.80
5487.10	5576.10	5664.80	5752.30	5839.10	5925.70	6012.60	6098.80	6182.90	6265.40	6346.90	6428.50	6508.60	6588.30	6667.80	6747.80	6827.50
363451.60	377703.70	390510.20	401306.80	411296.70	419883.80	431280.40	439361.50	446453.80	454637.40	462013.80	471250.40	481982.40	491036.60	499281.60	508007.80	516801.30
81.60	83.10	84.70	85.80	87.10	88.40	89.90	91.10	92.20	93.40	94.70	96.30	97.90	99.30	100.60	102.00	103.60
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
155.50	158.10	160.40	163.00	165.60	168.30	171.10	173.90	176.60	179.30	182.00	185.00	187.60	190.50	193.60	196.90	199.90
551698.00	561770.00	572631.00	583015.00	592432.00	603033.00	613886.00	622127.00	629005.00	636023.00	644030.00	652242.00	662110.00	670738.00	678601.00	687699.00	698331.00
168463.00	171757.00	175259.00	178806.00	181684.00	185335.00	188995.00	190772.00	191539.00	192377.00	194046.00	196204.00	198544.00	200071.00	201164.00	202985.00	205521.00
383235.00	390013.00	397372.00	404209.00	410748.00	417699.00	424891.00	431354.00	437466.00	443646.00	449985.00	456038.00	463566.00	470667.00	477437.00	484713.00	492809.00
13710.00	13814.00	13911.00	14006.00	14100.00	14192.00	14282.00	14370.00	14454.00	14536.00	14615.00	14691.00	14763.00	14831.00	14896.00	14957.00	15013.00
7474.00	7519.00	7564.00	7605.00	7639.00	7675.00	7713.00	7739.00	7748.00	7752.00	7764.00	7779.00	7797.00	7817.00	7835.00	7854.00	7879.00
6940.00	6978.00	7028.00	7073.00	7109.00	7147.00	7186.00	7202.00	7207.00	7212.00	7232.00	7252.00	7273.00	7291.00	7306.00	7326.00	7355.00
7.10	7.20	7.10	7.00	6.90	6.90	6.80	6.90	7.00	7.00	6.90	6.80	6.70	6.70	6.80	6.70	6.70
66.40	66.30	66.20	66.10	65.90	65.80	65.70	65.50	65.20	64.80	64.50	64.30	64.10	63.90	63.80	63.60	63.50
5378.40	5442.40	5503.00	5561.10	5617.20	5671.80	5725.40	5776.80	5824.90	5870.20	5913.10	5954.60	5993.40	6030.20	6065.50	6099.60	6131.90
341236.00	348574.40	357100.20	364843.60	372223.20	379977.70	387501.40	394374.20	400252.70	405948.40	411734.30	417295.50	424456.50	430947.10	436417.40	442060.50	447712.80
79.50	80.50	81.50	82.40	83.30	84.40	85.40	86.40	87.30	88.20	89.10	89.90	91.00	92.00	92.90	93.90	94.90

**Table A1.9: Economic Indicators, Prince Edward Island****Reference Case and Continuing Trends**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	111.70	114.60	117.70	121.80	124.50	128.50	131.40	132.80	134.80	136.40	137.50	139.70	141.50	144.10
Total GDP (million \$1997)	2860.00	2874.00	3009.00	3118.00	3203.00	3250.00	3310.00	3380.00	3491.00	3606.00	3712.00	3818.00	3934.00	4029.00
Goods GDP	752.00	728.00	786.00	828.00	827.00	884.00	890.00	906.00	964.00	1002.00	1036.00	1073.00	1114.00	1147.00
Services GDP	2108.00	2146.00	2223.00	2291.00	2376.00	2366.00	2420.00	2474.00	2527.00	2604.00	2676.00	2745.00	2820.00	2882.00
Population (thousand)	136.00	137.00	137.00	137.00	138.00	138.00	138.00	138.00	138.00	138.00	139.00	139.00	139.00	139.00
Labour Force (thousand)	71.00	72.00	74.00	74.00	75.00	77.00	78.00	78.00	79.00	79.00	79.00	79.00	79.00	79.00
Employment (thousand)	63.00	64.00	65.00	66.00	67.00	68.00	69.00	69.00	70.00	71.00	71.00	72.00	72.00	72.00
Unemployment Rate (percent)	12.10	11.90	12.00	11.00	11.30	10.80	11.90	11.60	10.60	10.40	10.40	9.60	9.10	8.60
Participation Rate (percent)	66.70	67.10	67.60	67.70	67.90	68.50	69.90	69.60	69.40	69.40	69.30	69.20	69.00	68.90
Households (thousand)	51.30	51.80	52.30	52.30	53.10	54.40	54.80	55.30	55.80	56.30	56.70	57.20	57.50	57.90
Personal Disposable Income (millions \$1997)	2306.70	2292.10	2345.90	2361.00	2418.00	2526.70	2582.80	2668.40	2720.40	2779.20	2883.90	2958.00	3048.60	3119.40
Output (GDP) per employee (thousand \$1997)	45.60	45.20	46.50	47.20	47.90	47.70	47.90	48.80	49.70	51.00	52.40	53.40	54.60	55.70

**Triple E**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	111.70	114.60	117.70	121.80	124.50	128.50	131.40	132.80	136.70	140.10	143.00	144.70	146.40	148.40
Total GDP (million \$1997)	2860.00	2874.00	3009.00	3118.00	3203.00	3250.00	3310.00	3380.00	3479.00	3568.00	3649.00	3763.00	3878.00	3989.00
Goods GDP	752.00	728.00	786.00	828.00	827.00	884.00	890.00	906.00	961.00	999.00	1019.00	1058.00	1097.00	1136.00
Services GDP	2108.00	2146.00	2223.00	2291.00	2376.00	2366.00	2420.00	2474.00	2518.00	2570.00	2630.00	2705.00	2781.00	2853.00
Population (thousand)	136.00	137.00	137.00	137.00	138.00	138.00	138.00	138.00	138.00	138.00	139.00	139.00	139.00	139.00
Labour Force (thousand)	71.00	72.00	74.00	74.00	75.00	77.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	77.00
Employment (thousand)	63.00	64.00	65.00	66.00	67.00	68.00	69.00	69.00	70.00	70.00	70.00	70.00	71.00	71.00
Unemployment Rate (percent)	12.10	11.90	12.00	11.00	11.30	10.80	11.90	11.60	10.30	10.00	10.30	9.40	8.80	8.30
Participation Rate (percent)	66.70	67.10	67.60	67.70	67.90	68.50	69.90	69.60	69.00	68.60	68.30	68.00	67.50	67.20
Households (thousand)	51.30	51.80	52.30	52.30	53.00	54.30	54.70	55.20	55.60	56.00	56.50	56.90	57.20	57.50
Personal Disposable Income (millions \$1997)	2306.70	2292.10	2345.90	2361.00	2418.00	2526.70	2582.80	2668.40	2693.10	2718.70	2820.00	2908.20	2998.40	3082.40
Output (GDP) per employee (thousand \$1997)	45.60	45.20	46.50	47.20	47.90	47.70	47.90	48.80	49.60	50.80	52.10	53.40	54.80	56.30

**Fortified Islands**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	111.70	114.60	117.70	121.80	124.50	128.50	131.40	132.80	137.10	140.10	142.70	144.60	146.60	149.10
Total GDP (million \$1997)	2860.00	2874.00	3009.00	3118.00	3203.00	3250.00	3310.00	3380.00	3478.00	3552.00	3613.00	3705.00	3784.00	3862.00
Goods GDP	752.00	728.00	786.00	828.00	827.00	884.00	890.00	906.00	965.00	989.00	1003.00	1036.00	1057.00	1082.00
Services GDP	2108.00	2146.00	2223.00	2291.00	2376.00	2366.00	2420.00	2474.00	2513.00	2563.00	2609.00	2670.00	2728.00	2780.00
Population (thousand)	136.00	137.00	137.00	137.00	138.00	138.00	138.00	138.00	138.00	138.00	139.00	139.00	139.00	139.00
Labour Force (thousand)	71.00	72.00	74.00	74.00	75.00	77.00	78.00	78.00	78.00	78.00	77.00	77.00	77.00	77.00
Employment (thousand)	63.00	64.00	65.00	66.00	67.00	68.00	69.00	69.00	70.00	70.00	70.00	71.00	71.00	71.00
Unemployment Rate (percent)	12.10	11.90	12.00	11.00	11.30	10.80	11.90	11.60	10.30	9.50	9.30	8.40	8.10	7.70
Participation Rate (percent)	66.70	67.10	67.60	67.70	67.90	68.50	69.90	69.60	69.00	68.40	67.90	67.40	67.20	67.00
Households (thousand)	51.30	51.80	52.30	52.30	53.10	54.40	54.80	55.30	55.80	56.30	56.70	57.20	57.50	57.90
Personal Disposable Income (millions \$1997)	2306.70	2292.10	2345.90	2361.00	2418.00	2526.70	2582.80	2668.40	2731.20	2800.30	2861.50	2940.70	3012.80	3082.40
Output (GDP) per employee (thousand \$1997)	45.60	45.20	46.50	47.20	47.90	47.70	47.90	48.80	49.60	50.40	51.40	52.40	53.40	54.30

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
146.70	148.20	149.70	151.50	153.80	156.10	158.50	161.00	163.50	166.00	168.50	171.20	173.70	176.60	179.80	182.80	185.80
4121.00	4248.00	4368.00	4513.00	4610.00	4706.00	4802.00	4893.00	4986.00	5079.00	5176.00	5270.00	5368.00	5458.00	5543.00	5629.00	5714.00
1177.00	1224.00	1264.00	1325.00	1356.00	1385.00	1414.00	1439.00	1465.00	1492.00	1527.00	1562.00	1599.00	1633.00	1664.00	1696.00	1728.00
2944.00	3024.00	3104.00	3187.00	3254.00	3321.00	3388.00	3454.00	3521.00	3587.00	3649.00	3709.00	3769.00	3825.00	3879.00	3933.00	3986.00
139.00	139.00	139.00	139.00	139.00	139.00	139.00	139.00	138.00	138.00	138.00	138.00	137.00	137.00	136.00	136.00	135.00
79.00	79.00	79.00	79.00	78.00	78.00	78.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	76.00	76.00
73.00	73.00	73.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00
8.10	7.50	7.20	6.40	5.90	5.50	4.90	4.40	4.30	4.30	4.10	3.80	3.70	3.60	3.40	3.30	3.30
68.70	68.50	68.50	68.40	68.20	67.90	67.60	67.40	67.40	67.50	67.50	67.40	67.40	67.60	67.70	67.80	68.00
58.20	58.60	58.90	59.10	59.30	59.50	59.70	59.80	59.90	60.00	60.00	59.90	59.90	59.80	59.70	59.60	59.40
3194.10	3289.80	3384.40	3485.40	3570.80	3652.20	3732.30	3808.70	3879.80	3952.80	4029.60	4100.70	4180.70	4256.50	4332.20	4408.50	4485.30
56.70	58.20	59.70	61.20	62.50	63.70	64.90	66.10	67.40	68.70	70.00	71.40	72.70	73.90	75.00	76.20	77.40
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
150.60	152.30	153.70	155.80	157.80	160.00	162.50	165.40	168.30	171.20	174.00	177.10	179.40	182.10	184.80	187.10	189.30
4097.00	4226.00	4357.00	4471.00	4581.00	4686.00	4800.00	4903.00	5005.00	5108.00	5210.00	5320.00	5439.00	5550.00	5658.00	5771.00	5888.00
1172.00	1213.00	1254.00	1288.00	1318.00	1347.00	1378.00	1405.00	1430.00	1458.00	1488.00	1521.00	1559.00	1594.00	1625.00	1657.00	1690.00
2924.00	3012.00	3103.00	3183.00	3262.00	3339.00	3422.00	3498.00	3575.00	3649.00	3722.00	3799.00	3880.00	3956.00	4033.00	4114.00	4198.00
139.00	139.00	139.00	139.00	139.00	139.00	139.00	138.00	138.00	138.00	138.00	137.00	137.00	137.00	136.00	136.00	135.00
77.00	77.00	76.00	76.00	75.00	75.00	74.00	74.00	73.00	73.00	72.00	72.00	71.00	71.00	71.00	70.00	70.00
71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00	70.00	70.00	70.00	69.00	69.00	69.00	68.00	68.00	68.00
7.80	7.30	6.80	6.20	5.60	5.20	4.70	4.30	4.20	4.00	3.80	3.60	3.50	3.40	3.30	3.30	3.30
66.80	66.50	66.30	65.90	65.50	65.00	64.60	64.20	64.00	63.70	63.40	63.10	62.90	62.80	62.70	62.60	62.50
57.90	58.20	58.50	58.70	58.90	59.10	59.30	59.40	59.50	59.50	59.50	59.50	59.40	59.30	59.20	59.10	58.90
3159.90	3270.30	3372.60	3463.70	3556.10	3643.00	3739.20	3821.10	3912.60	4007.70	4097.60	4197.00	4312.80	4426.80	4544.50	4668.80	4795.00
57.80	59.50	61.20	62.80	64.40	66.10	67.90	69.50	71.20	73.00	74.90	76.90	78.90	80.80	82.70	84.80	86.90
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
152.00	154.10	156.10	158.20	160.50	162.80	165.10	167.40	169.70	171.90	174.20	176.70	178.80	181.20	183.80	186.50	189.00
3940.00	4032.00	4125.00	4224.00	4307.00	4391.00	4478.00	4564.00	4647.00	4731.00	4819.00	4905.00	4997.00	5087.00	5175.00	5263.00	5359.00
1110.00	1145.00	1176.00	1212.00	1236.00	1261.00	1287.00	1308.00	1326.00	1346.00	1369.00	1394.00	1422.00	1448.00	1472.00	1497.00	1525.00
2830.00	2887.00	2949.00	3012.00	3070.00	3130.00	3191.00	3256.00	3321.00	3385.00	3450.00	3511.00	3575.00	3639.00	3702.00	3766.00	3834.00
139.00	139.00	139.00	139.00	139.00	139.00	139.00	139.00	138.00	138.00	138.00	138.00	137.00	137.00	136.00	136.00	135.00
77.00	76.00	76.00	76.00	75.00	75.00	74.00	74.00	73.00	73.00	73.00	73.00	73.00	72.00	72.00	72.00	72.00
71.00	71.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00
7.00	6.40	5.70	4.90	4.30	3.80	3.30	2.50	2.20	2.00	1.70	1.30	1.10	0.80	0.70	0.50	0.40
66.60	66.30	66.00	65.70	65.40	65.00	64.80	64.30	64.20	64.00	64.00	63.90	63.90	64.00	64.10	64.30	64.50
58.20	58.50	58.80	59.10	59.30	59.50	59.70	59.80	59.90	59.90	59.90	59.90	59.80	59.80	59.60	59.50	59.30
3159.30	3247.80	3343.90	3438.00	3527.60	3617.40	3706.10	3804.60	3901.20	3996.30	4087.60	4172.20	4271.50	4369.90	4462.30	4551.90	4639.40
55.30	56.40	57.50	58.70	59.80	61.00	62.20	63.50	64.70	65.90	67.20	68.40	69.60	70.90	72.10	73.30	74.60

Table A1.10: Economic Indicators, Quebec

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	110.60	113.20	115.50	118.40	120.70	123.50	126.00	127.50	129.70	131.80	133.20	135.50	137.60	140.40
Total GDP (million \$1997)	202711.00	206693.00	215145.00	216643.00	223863.00	230351.00	236704.00	241898.00	247879.00	256774.00	264332.00	271584.00	279491.00	284956.00
Goods GDP	70567.00	70323.00	72032.00	71087.00	73417.00	76841.00	78973.00	80377.00	82844.00	86408.00	89388.00	92187.00	95254.00	97211.00
Services GDP	132145.00	136370.00	143113.00	145555.00	150446.00	153511.00	157731.00	161520.00	165035.00	170367.00	174945.00	179397.00	184237.00	187745.00
Population (thousand)	7357.00	7397.00	7444.00	7488.00	7537.00	7582.00	7624.00	7665.00	7697.00	7730.00	7763.00	7800.00	7837.00	7873.00
Labour Force (thousand)	3718.00	3771.00	3908.00	3993.00	4024.00	4053.00	4099.00	4121.00	4141.00	4173.00	4204.00	4234.00	4261.00	4288.00
Employment (thousand)	3403.00	3440.00	3570.00	3629.00	3680.00	3718.00	3760.00	3784.00	3813.00	3865.00	3901.00	3949.00	3990.00	4020.00
Unemployment Rate (percent)	8.50	8.80	8.60	9.10	8.50	8.30	8.30	8.20	7.90	7.40	7.20	6.70	6.40	6.20
Participation Rate (percent)	63.10	63.50	65.20	66.00	65.80	65.60	65.70	65.50	65.20	65.20	65.30	65.30	65.30	65.30
Households (thousand)	3039.60	3074.60	3110.80	3117.20	3190.90	3234.60	3273.40	3310.40	3343.70	3377.20	3410.30	3444.00	3475.80	3505.80
Personal Disposable Income (millions \$1997)	131926.40	134765.30	137704.20	142846.30	146030.00	148391.50	153636.20	158748.30	162495.10	167438.30	172906.40	177753.70	182916.50	186714.20
Output (GDP) per employee (thousand \$1997)	59.60	60.10	60.30	59.70	60.80	62.00	63.00	63.90	65.00	66.40	67.80	68.80	70.00	70.90

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	110.60	113.20	115.50	118.40	120.70	123.50	126.00	127.50	131.50	135.30	138.60	140.60	142.90	145.10
Total GDP (million \$1997)	202711.00	206693.00	215145.00	216643.00	223863.00	230351.00	236704.00	241898.00	245553.00	252581.00	259303.00	266325.00	272489.00	278639.00
Goods GDP	70567.00	70323.00	72032.00	71087.00	73417.00	76841.00	78973.00	80377.00	82475.00	85808.00	88732.00	91570.00	93835.00	96182.00
Services GDP	132145.00	136370.00	143113.00	145555.00	150446.00	153511.00	157731.00	161520.00	163078.00	166774.00	170571.00	174755.00	178654.00	182457.00
Population (thousand)	7357.00	7397.00	7444.00	7488.00	7537.00	7582.00	7624.00	7664.00	7709.00	7753.00	7797.00	7842.00	7886.00	7930.00
Labour Force (thousand)	3718.00	3771.00	3908.00	3993.00	4024.00	4053.00	4099.00	4121.00	4140.00	4162.00	4193.00	4219.00	4234.00	4252.00
Employment (thousand)	3403.00	3440.00	3570.00	3629.00	3680.00	3718.00	3760.00	3784.00	3816.00	3846.00	3879.00	3927.00	3953.00	3976.00
Unemployment Rate (percent)	8.50	8.80	8.60	9.10	8.50	8.30	8.30	8.20	7.80	7.60	7.50	6.90	6.60	6.50
Participation Rate (percent)	63.10	63.50	65.20	66.00	65.80	65.60	65.70	65.50	65.20	65.00	64.90	64.80	64.60	64.40
Households (thousand)	3039.60	3074.60	3110.80	3117.20	3190.70	3234.50	3273.60	3310.90	3349.50	3387.60	3425.20	3462.40	3497.70	3531.50
Personal Disposable Income (millions \$1997)	131926.40	134765.30	137704.20	142846.30	146030.00	148391.50	153636.20	158748.30	160942.00	163184.80	168044.20	172679.50	176612.70	180307.50
Output (GDP) per employee (thousand \$1997)	59.60	60.10	60.30	59.70	60.80	62.00	63.00	63.90	64.40	65.70	66.90	67.80	68.90	70.10

## Fortified Islands

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	110.60	113.20	115.50	118.40	120.70	123.50	126.00	127.50	132.00	135.20	138.10	140.20	142.50	145.20
Total GDP (million \$1997)	202711.00	206693.00	215145.00	216643.00	223863.00	230351.00	236704.00	241898.00	245196.00	248981.00	251234.00	256606.00	262314.00	266986.00
Goods GDP	70567.00	70323.00	72032.00	71087.00	73417.00	76841.00	78973.00	80377.00	82302.00	83399.00	83654.00	85480.00	87603.00	89457.00
Services GDP	132145.00	136370.00	143113.00	145555.00	150446.00	153511.00	157731.00	161520.00	162894.00	165582.00	167580.00	171126.00	174711.00	177530.00
Population (thousand)	7357.00	7397.00	7444.00	7488.00	7537.00	7582.00	7624.00	7665.00	7696.00	7726.00	7754.00	7783.00	7808.00	7829.00
Labour Force (thousand)	3718.00	3771.00	3908.00	3993.00	4024.00	4053.00	4099.00	4121.00	4135.00	4148.00	4157.00	4166.00	4178.00	4188.00
Employment (thousand)	3403.00	3440.00	3570.00	3629.00	3680.00	3718.00	3760.00	3784.00	3806.00	3825.00	3822.00	3844.00	3871.00	3893.00
Unemployment Rate (percent)	8.50	8.80	8.60	9.10	8.50	8.30	8.30	8.20	8.00	7.80	8.10	7.70	7.40	7.00
Participation Rate (percent)	63.10	63.50	65.20	66.00	65.80	65.60	65.70	65.50	65.20	64.90	64.60	64.30	64.20	64.10
Households (thousand)	3039.60	3074.60	3110.80	3117.20	3190.90	3234.60	3273.40	3310.40	3343.50	3375.80	3406.70	3437.10	3464.30	3488.60
Personal Disposable Income (millions \$1997)	131926.40	134765.30	137704.20	142846.30	146030.00	148391.50	153636.20	158748.30	160321.60	163169.30	165134.80	168710.40	172712.40	175972.80
Output (GDP) per employee (thousand \$1997)	59.60	60.10	60.30	59.70	60.80	62.00	63.00	63.90	64.40	65.10	65.70	66.80	67.80	68.60

Source: Informetrica Limited, Statistics Canada, NEB

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
143.40	145.10	146.80	148.80	151.40	153.90	156.60	159.40	162.30	165.10	167.90	170.90	173.80	177.10	180.60	184.00	187.40
290278.00	298709.00	308005.00	317955.00	325111.00	331950.00	338755.00	344935.00	351557.00	358324.00	365154.00	372235.00	380142.00	387112.00	393123.00	399519.00	406414.00
98927.00	102245.00	106015.00	110556.00	113379.00	115954.00	118498.00	120687.00	123107.00	125676.00	128359.00	131296.00	134673.00	137510.00	139777.00	142253.00	145016.00
191351.00	196464.00	201990.00	207400.00	211732.00	215997.00	220257.00	224248.00	228450.00	232648.00	236796.00	240939.00	245470.00	249602.00	253346.00	257266.00	261397.00
7907.00	7941.00	7974.00	8006.00	8037.00	8067.00	8096.00	8124.00	8150.00	8175.00	8198.00	8220.00	8240.00	8258.00	8274.00	8289.00	8302.00
4310.00	4336.00	4365.00	4393.00	4416.00	4436.00	4457.00	4479.00	4504.00	4528.00	4549.00	4567.00	4581.00	4599.00	4605.00	4611.00	4611.00
4043.00	4077.00	4114.00	4156.00	4185.00	4206.00	4232.00	4254.00	4274.00	4292.00	4309.00	4323.00	4343.00	4360.00	4376.00	4388.00	4400.00
6.20	6.00	5.70	5.40	5.20	5.20	5.10	5.00	5.10	5.20	5.30	5.30	5.20	5.00	4.90	4.70	4.60
65.30	65.40	65.50	65.70	65.80	65.80	65.90	66.00	66.20	66.30	66.50	66.50	66.60	66.60	66.50	66.50	66.40
3535.70	3566.00	3594.90	3622.00	3647.80	3672.50	3696.30	3718.50	3738.50	3756.80	3773.80	3789.80	3804.20	3817.60	3829.90	3841.60	3852.60
190270.30	195403.00	201114.80	206563.80	211162.70	215294.10	219592.80	223597.10	227525.70	231394.60	235333.30	239172.20	243963.50	248431.60	252592.10	256813.00	261209.20
71.80	73.30	74.90	76.50	77.70	78.90	80.10	81.10	82.20	83.50	84.70	86.10	87.50	88.80	89.80	91.10	92.40
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
147.90	149.90	151.60	154.10	156.50	159.10	161.90	165.10	168.40	171.60	174.80	178.30	180.90	184.00	187.10	189.90	192.40
284558.00	292375.00	300809.00	307196.00	312950.00	319013.00	326861.00	333402.00	339103.00	344059.00	349343.00	356369.00	364312.00	370819.00	376470.00	382294.00	389272.00
98412.00	101295.00	104692.00	107106.00	109020.00	111232.00	114473.00	117211.00	119367.00	121098.00	122997.00	125952.00	129372.00	132011.00	134003.00	135962.00	138639.00
186146.00	191080.00	196116.00	200091.00	203930.00	207781.00	212388.00	216191.00	219736.00	222962.00	226346.00	230417.00	234939.00	238808.00	242467.00	246332.00	250633.00
7974.00	8017.00	8059.00	8101.00	8142.00	8183.00	8223.00	8263.00	8301.00	8338.00	8375.00	8410.00	8444.00	8477.00	8508.00	8538.00	8567.00
4270.00	4294.00	4319.00	4337.00	4351.00	4365.00	4385.00	4403.00	4421.00	4436.00	4448.00	4462.00	4473.00	4480.00	4482.00	4485.00	4491.00
3999.00	4030.00	4067.00	4093.00	4108.00	4121.00	4149.00	4171.00	4185.00	4189.00	4190.00	4199.00	4215.00	4226.00	4231.00	4235.00	4246.00
6.40	6.10	5.80	5.60	5.60	5.60	5.40	5.30	5.40	5.60	5.80	5.90	5.80	5.70	5.60	5.60	5.50
64.30	64.20	64.30	64.20	64.10	64.00	64.00	63.90	63.90	63.80	63.70	63.70	63.60	63.40	63.20	63.00	62.80
3565.40	3599.80	3633.00	3664.70	3695.10	3724.70	3753.60	3781.00	3806.60	3830.60	3853.40	3875.50	3896.30	3916.20	3935.30	3954.00	3972.20
183500.70	188997.30	194147.90	197899.70	201238.70	204544.60	209447.40	213076.70	216498.80	219465.20	222265.20	226470.50	231558.50	236079.60	240224.00	244816.80	250338.40
71.20	72.60	74.00	75.10	76.20	77.40	78.80	79.90	81.00	82.10	83.40	84.90	86.40	87.80	89.00	90.30	91.70
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
148.50	151.00	153.20	155.60	158.00	160.60	163.30	165.90	168.40	170.90	173.50	176.40	178.80	181.50	184.50	187.60	190.50
270211.00	274491.00	278804.00	283457.00	287133.00	291935.00	296965.00	300683.00	303538.00	306173.00	309133.00	312510.00	316621.00	319959.00	322591.00	325794.00	329873.00
90515.00	92156.00	93593.00	95450.00	96587.00	98512.00	100538.00	101553.00	101949.00	102221.00	102792.00	103832.00	105168.00	106005.00	106428.00	107219.00	108535.00
179696.00	182335.00	185212.00	188007.00	190546.00	193424.00	196427.00	199130.00	201589.00	203952.00	206341.00	208677.00	211453.00	213954.00	216164.00	218574.00	221339.00
7846.00	7859.00	7868.00	7876.00	7882.00	7886.00	7889.00	7890.00	7890.00	7887.00	7882.00	7875.00	7866.00	7855.00	7841.00	7825.00	7807.00
4191.00	4192.00	4194.00	4194.00	4190.00	4188.00	4187.00	4181.00	4177.00	4173.00	4172.00	4169.00	4159.00	4146.00	4131.00	4115.00	4100.00
3903.00	3912.00	3923.00	3937.00	3942.00	3952.00	3964.00	3964.00	3956.00	3946.00	3944.00	3943.00	3945.00	3944.00	3939.00	3937.00	3942.00
6.90	6.70	6.50	6.10	5.90	5.60	5.30	5.20	5.30	5.40	5.50	5.40	5.10	4.90	4.60	4.30	3.90
63.90	63.80	63.70	63.60	63.50	63.40	63.40	63.30	63.20	63.10	63.10	63.10	63.00	62.90	62.80	62.60	62.50
3511.40	3533.30	3552.60	3569.70	3585.10	3599.10	3611.80	3622.60	3631.10	3637.40	3642.10	3645.60	3647.30	3647.50	3646.40	3644.40	3641.30
178554.10	181974.00	185829.60	189573.00	192890.70	196733.00	200557.30	204108.80	207092.70	209752.40	212329.40	214976.50	218483.30	221533.70	223930.50	226341.90	228831.60
69.20	70.20	71.10	72.00	72.80	73.90	74.90	75.90	76.70	77.60	78.40	79.20	80.30	81.10	81.90	82.70	83.70

**Table A1.11: Economic Indicators, Saskatchewan****Reference Case and Continuing Trends**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	116.70	120.30	123.70	126.50	129.30	132.20	134.50	136.10	138.80	140.20	141.00	143.30	145.30	148.10
Total GDP (million \$1997)	29 095.00	28 658.00	28 128.00	28 947.00	29 877.00	30 647.00	31 617.00	32 385.00	32 610.00	33 323.00	33 789.00	34 180.00	34 652.00	34 975.00
Goods GDP	11 376.00	10 530.00	9 707.00	10 105.00	10 908.00	11 279.00	11 659.00	11 969.00	12 034.00	12 287.00	12 397.00	12 474.00	12 584.00	12 648.00
Services GDP	17 719.00	18 128.00	18 421.00	18 843.00	18 969.00	19 368.00	19 957.00	20 416.00	20 576.00	21 035.00	21 392.00	21 706.00	22 068.00	22 327.00
Population (thousand)	1 008.00	1 000.00	996.00	994.00	994.00	993.00	992.00	992.00	991.00	991.00	990.00	989.00	989.00	988.00
Labour Force (thousand)	499.00	489.00	496.00	504.00	507.00	509.00	512.00	514.00	516.00	518.00	520.00	520.00	521.00	521.00
Employment (thousand)	474.00	460.00	468.00	476.00	480.00	484.00	490.00	493.00	490.00	491.00	490.00	490.00	489.00	489.00
Unemployment Rate (percent)	5.10	5.80	5.70	5.60	5.30	5.10	4.40	4.20	5.10	5.20	5.70	5.80	6.00	6.10
Participation Rate (percent)	66.80	65.60	66.80	67.80	67.90	68.10	68.20	68.30	68.40	68.60	68.70	68.70	68.60	68.60
Households (thousand)	383.50	385.30	382.10	381.00	381.40	385.60	387.60	389.50	391.40	393.20	395.00	396.80	398.40	399.70
Personal Disposable Income (millions \$1997)	17 184.30	16 951.40	16 900.00	17 908.30	18 680.20	18 997.00	19 951.90	20 684.30	20 948.10	21 401.10	21 916.60	22 230.30	22 624.10	22 836.20
Output (GDP) per employee (thousand \$1997)	61.40	62.30	60.10	60.80	62.30	63.40	64.60	65.70	66.60	67.90	69.00	69.70	70.80	71.60

**Triple E**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	116.70	120.30	123.70	126.50	129.30	132.20	134.50	136.10	141.90	145.50	149.40	150.60	152.30	154.00
Total GDP (million \$1997)	29 095.00	28 658.00	28 128.00	28 947.00	29 877.00	30 647.00	31 617.00	32 385.00	32 592.00	33 154.00	33 448.00	33 803.00	33 870.00	34 115.00
Goods GDP	11 376.00	10 530.00	9 707.00	10 105.00	10 908.00	11 279.00	11 659.00	11 969.00	12 140.00	12 408.00	12 455.00	12 539.00	12 458.00	12 496.00
Services GDP	17 719.00	18 128.00	18 421.00	18 843.00	18 969.00	19 368.00	19 957.00	20 416.00	20 452.00	20 747.00	20 993.00	21 264.00	21 412.00	21 619.00
Population (thousand)	1 008.00	1 000.00	996.00	994.00	994.00	993.00	992.00	992.00	991.00	990.00	989.00	988.00	987.00	986.00
Labour Force (thousand)	499.00	489.00	496.00	504.00	507.00	509.00	512.00	514.00	515.00	515.00	515.00	514.00	512.00	511.00
Employment (thousand)	474.00	460.00	468.00	476.00	480.00	484.00	490.00	493.00	492.00	492.00	489.00	489.00	484.00	481.00
Unemployment Rate (percent)	5.10	5.80	5.70	5.60	5.30	5.10	4.40	4.20	4.30	4.50	5.10	5.00	5.50	5.80
Participation Rate (percent)	66.80	65.60	66.80	67.80	67.90	68.10	68.20	68.30	68.20	68.20	68.10	67.90	67.60	67.40
Households (thousand)	383.50	385.30	382.10	381.00	381.30	385.40	387.30	389.10	390.70	392.30	393.80	395.30	396.60	397.70
Personal Disposable Income (millions \$1997)	17 184.30	16 951.40	16 900.00	17 908.30	18 680.20	18 997.00	19 951.90	20 684.30	20 612.90	20 722.60	20 937.00	21 259.30	21 474.90	21 688.00
Output (GDP) per employee (thousand \$1997)	61.40	62.30	60.10	60.80	62.30	63.40	64.60	65.70	66.20	67.40	68.40	69.20	70.00	70.90

**Fortified Islands**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	116.70	120.30	123.70	126.50	129.30	132.20	134.50	136.10	142.10	145.60	148.40	150.40	152.50	155.20
Total GDP (million \$1997)	29 095.00	28 658.00	28 128.00	28 947.00	29 877.00	30 647.00	31 617.00	32 385.00	32 401.00	32 723.00	32 784.00	33 157.00	33 580.00	33 937.00
Goods GDP	11 376.00	10 530.00	9 707.00	10 105.00	10 908.00	11 279.00	11 659.00	11 969.00	12 006.00	12 095.00	12 046.00	12 165.00	12 302.00	12 427.00
Services GDP	17 719.00	18 128.00	18 421.00	18 843.00	18 969.00	19 368.00	19 957.00	20 416.00	20 395.00	20 629.00	20 738.00	20 992.00	21 277.00	21 510.00
Population (thousand)	1 008.00	1 000.00	996.00	994.00	994.00	993.00	992.00	992.00	991.00	992.00	993.00	995.00	998.00	1 001.00
Labour Force (thousand)	499.00	489.00	496.00	504.00	507.00	509.00	512.00	514.00	515.00	515.00	514.00	515.00	516.00	518.00
Employment (thousand)	474.00	460.00	468.00	476.00	480.00	484.00	490.00	493.00	490.00	491.00	489.00	490.00	492.00	493.00
Unemployment Rate (percent)	5.10	5.80	5.70	5.60	5.30	5.10	4.40	4.20	4.70	4.70	4.90	4.80	4.70	4.80
Participation Rate (percent)	66.80	65.60	66.80	67.80	67.90	68.10	68.20	68.30	68.20	68.00	67.70	67.50	67.50	67.40
Households (thousand)	383.50	385.30	382.10	381.00	381.40	385.60	387.60	389.50	391.50	393.60	396.00	398.60	401.20	404.00
Personal Disposable Income (millions \$1997)	17 184.30	16 951.40	16 900.00	17 908.30	18 680.20	18 997.00	19 951.90	20 684.30	20 547.30	20 846.40	21 027.20	21 353.50	21 703.70	21 988.50
Output (GDP) per employee (thousand \$1997)	61.40	62.30	60.10	60.80	62.30	63.40	64.60	65.70	66.10	66.70	67.00	67.60	68.30	68.80

Source: Informetrica Limited, Statistics Canada, NEB

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	151.10	152.80	154.40	156.40	158.90	161.50	164.10	166.90	169.60	172.40	175.20	178.20	181.00	184.20	187.70	191.10	194.40
35 249.00	35 824.00	36 468.00	37 207.00	37 667.00	38 127.00	38 568.00	38 992.00	39 482.00	40 014.00	40 500.00	40 952.00	41 539.00	42 087.00	42 547.00	43 050.00	43 582.00	
12 673.00	12 856.00	13 069.00	13 376.00	13 529.00	13 677.00	13 814.00	13 936.00	14 093.00	14 286.00	14 465.00	14 665.00	14 904.00	15 123.00	15 297.00	15 497.00	15 716.00	
22 576.00	22 968.00	23 399.00	23 831.00	24 138.00	24 449.00	24 754.00	25 057.00	25 389.00	25 728.00	26 034.00	26 287.00	26 636.00	26 964.00	27 250.00	27 553.00	27 866.00	
987.00	986.00	986.00	985.00	984.00	983.00	982.00	980.00	979.00	977.00	975.00	973.00	971.00	968.00	966.00	963.00	959.00	
520.00	520.00	520.00	521.00	520.00	518.00	517.00	516.00	515.00	514.00	512.00	511.00	510.00	510.00	510.00	510.00	511.00	
487.00	487.00	486.00	487.00	487.00	486.00	485.00	484.00	484.00	483.00	482.00	481.00	481.00	480.00	480.00	480.00	479.00	
6.40	6.50	6.50	6.50	6.40	6.20	6.20	6.00	6.00	5.90	5.80	5.80	5.80	5.90	6.00	6.10	6.20	
68.60	68.60	68.70	68.80	68.70	68.60	68.50	68.40	68.40	68.40	68.30	68.40	68.40	68.50	68.70	68.90	69.10	
401.10	402.50	403.80	404.80	405.80	406.60	407.40	407.90	408.30	408.50	408.50	408.40	408.20	407.80	407.30	406.70	406.00	
23 023.50	23 422.40	23 824.30	24 162.60	24 484.50	24 757.60	25 043.60	25 308.80	25 574.80	25 831.50	26 088.60	26 277.90	26 619.10	26 944.20	27 249.70	27 558.40	27 876.80	
72.40	73.60	75.00	76.40	77.40	78.50	79.50	80.50	81.60	82.80	83.90	85.10	86.40	87.60	88.60	89.80	91.00	
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	156.40	158.40	159.70	161.90	164.00	166.30	169.20	172.40	175.70	178.90	182.10	186.00	188.50	191.70	194.80	197.50	200.10
34 304.00	34 738.00	35 121.00	35 383.00	35 576.00	35 826.00	36 162.00	36 503.00	36 763.00	37 052.00	37 376.00	37 789.00	38 324.00	38 751.00	39 110.00	39 489.00	39 942.00	
12 503.00	12 608.00	12 702.00	12 739.00	12 753.00	12 813.00	12 923.00	13 035.00	13 125.00	13 214.00	13 336.00	13 507.00	13 741.00	13 919.00	14 050.00	14 186.00	14 362.00	
21 801.00	22 130.00	22 419.00	22 644.00	22 824.00	23 013.00	23 239.00	23 468.00	23 638.00	23 837.00	24 040.00	24 282.00	24 584.00	24 832.00	25 060.00	25 303.00	25 579.00	
985.00	983.00	982.00	981.00	980.00	978.00	977.00	975.00	973.00	971.00	969.00	967.00	964.00	961.00	958.00	955.00	952.00	
509.00	507.00	506.00	503.00	500.00	497.00	494.00	491.00	488.00	485.00	482.00	479.00	477.00	476.00	475.00	474.00	473.00	
478.00	476.00	474.00	472.00	469.00	466.00	464.00	462.00	460.00	457.00	455.00	453.00	452.00	451.00	449.00	448.00	446.00	
6.00	6.10	6.20	6.20	6.20	6.20	6.20	5.90	5.80	5.60	5.50	5.40	5.30	5.30	5.40	5.50	5.60	
67.20	67.00	66.90	66.70	66.40	66.10	65.80	65.50	65.20	65.00	64.70	64.50	64.40	64.40	64.50	64.50	64.60	
398.80	400.00	401.00	401.90	402.60	403.20	403.70	404.10	404.20	404.20	404.00	403.80	403.30	402.80	402.10	401.30	400.50	
21 869.70	22 170.20	22 483.00	22 586.60	22 745.70	22 890.30	23 077.90	23 260.00	23 407.50	23 456.90	23 597.50	23 797.50	24 143.70	24 429.90	24 701.80	25 005.30	25 370.40	
71.70	72.90	74.10	75.00	75.90	76.90	78.00	79.00	80.00	81.00	82.10	83.40	84.80	86.00	87.10	88.20	89.50	
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	158.50	160.80	163.00	165.30	167.80	170.30	172.90	175.50	178.00	180.50	183.10	185.90	188.40	191.00	194.00	197.10	199.90
34 120.00	34 566.00	34 947.00	35 345.00	35 763.00	36 249.00	36 826.00	37 124.00	37 316.00	37 623.00	37 934.00	38 294.00	38 671.00	39 017.00	39 358.00	39 702.00	40 121.00	
12 453.00	12 616.00	12 711.00	12 846.00	12 979.00	13 169.00	13 379.00	13 459.00	13 482.00	13 534.00	13 609.00	13 720.00	13 838.00	13 928.00	13 999.00	14 085.00	14 204.00	
21 667.00	21 950.00	22 236.00	22 499.00	22 784.00	23 081.00	23 447.00	23 665.00	23 834.00	24 089.00	24 325.00	24 574.00	24 833.00	25 089.00	25 360.00	25 616.00	25 917.00	
1 005.00	1 010.00	1 016.00	1 022.00	1 028.00	1 033.00	1 039.00	1 045.00	1 051.00	1 056.00	1 062.00	1 067.00	1 072.00	1 077.00	1 082.00	1 086.00	1 091.00	
519.00	521.00	523.00	525.00	527.00	529.00	531.00	532.00	533.00	534.00	536.00	538.00	540.00	542.00	545.00	547.00	550.00	
494.00	496.00	498.00	500.00	502.00	504.00	507.00	508.00	508.00	509.00	511.00	513.00	515.00	516.00	518.00	520.00	523.00	
4.90	4.80	4.90	4.90	4.70	4.70	4.50	4.50	4.60	4.60	4.70	4.70	4.70	4.80	4.80	4.90	4.90	
67.30	67.20	67.20	67.10	67.00	66.90	66.90	66.70	66.50	66.30	66.30	66.20	66.10	66.10	66.10	66.10	66.10	
407.00	410.30	413.80	417.20	420.50	423.80	427.00	430.20	433.20	436.00	438.70	441.40	443.90	446.40	448.80	451.20	453.50	
22 192.30	22 565.30	22 978.10	23 350.20	23 748.00	24 153.90	24 586.80	24 942.30	25 222.40	25 532.90	25 813.90	26 092.80	26 434.80	26 752.20	27 042.20	27 299.00	27 538.60	
69.10	69.70	70.20	70.70	71.20	71.90	72.60	73.10	73.40	73.80	74.20	74.70	75.20	75.60	75.90	76.30	76.70	

**Table A1.12: Economic Indicators, Northwest Territories, Nunavut and Yukon****Reference Case and Continuing Trends**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	113.50	116.40	119.00	122.30	124.60	127.30	130.40	131.70	134.10	136.00	137.20	139.60	141.70	144.60
Total GDP (million \$1997)	4073.00	4560.00	4719.00	5311.00	5618.00	5711.00	5922.00	6106.00	6256.00	6439.00	6558.00	6874.00	7126.00	7285.00
Goods GDP	1296.00	1610.00	1624.00	2170.00	2400.00	2405.00	2524.00	2615.00	2685.00	2778.00	2841.00	3052.00	3196.00	3278.00
Services GDP	2777.00	2950.00	3095.00	3141.00	3217.00	3307.00	3398.00	3490.00	3571.00	3661.00	3717.00	3822.00	3930.00	4008.00
Population (thousand)	98.00	99.00	100.00	102.00	103.00	104.00	104.00	105.00	105.00	106.00	106.00	107.00	108.00	108.00
Labour Force: Source Population (thousand)	69.20	70.10	71.40	73.10	74.50	75.60	76.60	77.60	78.50	79.40	80.30	81.10	81.80	82.40
Employment (thousand)	43.20	45.00	47.10	49.50	50.30	50.80	52.00	52.70	53.10	53.80	54.20	56.00	57.00	57.70
Households (thousand)	32.90	33.50	34.00	34.80	35.60	36.30	36.90	37.50	38.00	38.50	39.10	39.60	40.10	40.50
Personal Disposable Income (millions \$1997)	2474.70	2626.10	2721.10	2798.90	2898.90	2832.60	3047.50	3211.10	3355.30	3437.40	3516.30	3697.00	3860.20	3938.70
Output (GDP) per employee (thousand \$1997)	94.30	101.30	100.30	107.30	111.70	112.40	113.90	115.90	117.80	119.80	120.90	122.70	125.00	126.30

**Triple E**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	113.50	116.40	119.00	122.30	124.60	127.30	130.40	131.70	136.40	140.10	143.60	145.30	147.40	149.50
Total GDP (million \$1997)	4073.00	4560.00	4719.00	5311.00	5618.00	5711.00	5922.00	6106.00	6404.00	6641.00	6777.00	6829.00	6962.00	7128.00
Goods GDP	1296.00	1610.00	1624.00	2170.00	2400.00	2405.00	2524.00	2615.00	2816.00	2969.00	3053.00	3050.00	2996.00	3086.00
Services GDP	2777.00	2950.00	3095.00	3141.00	3217.00	3307.00	3398.00	3490.00	3588.00	3672.00	3724.00	3779.00	3966.00	4043.00
Population (thousand)	98.00	99.00	100.00	102.00	103.00	104.00	104.00	105.00	105.00	106.00	107.00	107.00	108.00	108.00
Labour Force: Source Population (thousand)	69.20	70.10	71.40	73.10	74.50	75.50	76.60	77.50	78.50	79.30	80.20	81.00	81.70	82.30
Employment (thousand)	43.20	45.00	47.10	49.50	50.30	50.80	52.00	52.70	53.90	54.80	55.30	55.50	56.70	57.30
Households (thousand)	32.90	33.50	34.00	34.80	35.60	36.30	36.80	37.40	37.90	38.50	39.00	39.50	40.00	40.40
Personal Disposable Income (millions \$1997)	2474.70	2626.10	2721.10	2798.90	2898.90	2832.60	3047.50	3211.10	3402.90	3495.90	3577.50	3613.90	3624.30	3674.70
Output (GDP) per employee (thousand \$1997)	94.30	101.30	100.30	107.30	111.70	112.40	113.90	115.90	118.70	121.30	122.60	123.00	122.80	124.50

**Fortified Islands**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Consumer Price Index (1992=100)	113.50	116.40	119.00	122.30	124.60	127.30	130.40	131.70	136.80	140.00	142.80	144.90	147.10	149.90
Total GDP (million \$1997)	4073.00	4560.00	4719.00	5311.00	5618.00	5711.00	5922.00	6106.00	6211.00	6306.00	6333.00	6605.00	6978.00	7215.00
Goods GDP	1296.00	1610.00	1624.00	2170.00	2400.00	2405.00	2524.00	2615.00	2659.00	2688.00	2683.00	2866.00	3100.00	3243.00
Services GDP	2777.00	2950.00	3095.00	3141.00	3217.00	3307.00	3398.00	3490.00	3552.00	3618.00	3650.00	3738.00	3878.00	3972.00
Population (thousand)	98.00	99.00	100.00	102.00	103.00	104.00	104.00	105.00	105.00	106.00	106.00	107.00	108.00	108.00
Labour Force: Source Population (thousand)	69.20	70.10	71.40	73.10	74.50	75.60	76.60	77.60	78.50	79.40	80.30	81.10	81.80	82.40
Employment (thousand)	43.20	45.00	47.10	49.50	50.30	50.80	52.00	52.70	52.70	52.90	52.90	54.40	55.80	56.70
Households (thousand)	32.90	33.50	34.00	34.80	35.60	36.30	36.90	37.50	38.00	38.50	39.10	39.60	40.10	40.50
Personal Disposable Income (millions \$1997)	2474.70	2626.10	2721.10	2798.90	2898.90	2832.60	3047.50	3211.10	3281.30	3355.60	3396.30	3566.20	3768.30	3892.30
Output (GDP) per employee (thousand \$1997)	94.30	101.30	100.30	107.30	111.70	112.40	113.90	115.90	117.80	119.20	119.80	121.50	125.00	127.20

Source: Informetrica Limited, Statistics Canada, NEB



2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
147.50	149.20	150.90	153.00	155.50	158.10	160.90	163.70	166.60	169.40	172.30	175.30	178.20	181.50	185.10	188.50	191.90
7324.00	7979.00	8309.00	8467.00	8593.00	8707.00	8887.00	9021.00	9243.00	9576.00	9787.00	10160.00	10278.00	10478.00	10645.00	10799.00	10981.00
3267.00	3616.00	3817.00	3898.00	3957.00	4006.00	4094.00	4141.00	4259.00	4474.00	4587.00	4701.00	4719.00	4804.00	4861.00	4909.00	4980.00
4057.00	4362.00	4492.00	4569.00	4636.00	4702.00	4793.00	4880.00	4984.00	5101.00	5200.00	5459.00	5559.00	5674.00	5784.00	5890.00	6001.00
109.00	109.00	110.00	110.00	111.00	111.00	112.00	112.00	113.00	113.00	114.00	114.00	114.00	114.00	115.00	115.00	115.00
83.00	83.60	84.00	84.50	84.90	85.30	85.70	86.00	86.30	86.70	86.90	87.20	87.50	87.70	87.90	88.10	88.30
57.80	61.20	62.10	62.60	63.00	63.30	63.80	64.00	64.60	65.70	66.20	68.30	68.30	68.70	69.00	69.20	69.40
41.00	41.40	41.80	42.10	42.50	42.80	43.20	43.50	43.80	44.10	44.40	44.60	44.90	45.10	45.30	45.50	45.70
3961.20	4226.40	4390.10	4485.80	4563.40	4630.00	4721.60	4796.50	4917.20	5096.80	5208.00	5381.20	5445.90	5554.60	5653.60	5746.50	5854.00
126.70	130.40	133.70	135.30	136.40	137.50	139.30	140.90	143.10	145.70	147.90	148.80	150.50	152.50	154.30	156.20	158.20
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
152.20	154.20	155.90	158.30	160.60	163.20	166.10	169.40	172.70	176.00	179.20	182.80	185.40	188.50	191.70	194.40	196.90
7231.00	7367.00	7550.00	7711.00	7837.00	8029.00	8372.00	8614.00	8812.00	8910.00	9093.00	9286.00	9506.00	9732.00	9920.00	10106.00	10318.00
3134.00	3201.00	3287.00	3366.00	3425.00	3540.00	3770.00	3908.00	3888.00	3895.00	3974.00	4060.00	4164.00	4272.00	4361.00	4451.00	4559.00
4097.00	4166.00	4262.00	4345.00	4412.00	4489.00	4602.00	4706.00	4924.00	5016.00	5119.00	5226.00	5342.00	5460.00	5558.00	5655.00	5759.00
109.00	110.00	110.00	111.00	112.00	112.00	113.00	113.00	114.00	114.00	115.00	115.00	115.00	116.00	116.00	116.00	116.00
82.90	83.50	84.00	84.50	84.90	85.30	85.80	86.20	86.50	86.90	87.30	87.60	87.90	88.20	88.50	88.80	89.10
57.70	58.10	58.50	59.00	59.40	60.10	61.40	62.10	63.80	63.80	64.20	64.60	65.00	65.50	65.70	65.80	66.10
40.90	41.30	41.70	42.10	42.40	42.80	43.10	43.50	43.80	44.10	44.40	44.70	45.00	45.30	45.50	45.80	46.00
3715.80	3790.60	3872.30	3937.00	3978.60	4053.20	4210.10	4304.40	4385.10	4409.60	4470.90	4548.50	4644.20	4745.00	4834.80	4929.50	5033.60
125.40	126.80	129.00	130.70	132.00	133.70	136.30	138.80	138.20	139.70	141.60	143.80	146.20	148.60	151.10	153.50	156.20
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
153.20	155.60	157.80	160.20	162.80	165.30	168.00	170.60	173.20	175.70	178.30	181.20	183.70	186.40	189.40	192.50	195.40
7275.00	7615.00	7883.00	7996.00	8108.00	8300.00	8859.00	9033.00	9156.00	9212.00	9367.00	9641.00	9970.00	10146.00	10304.00	10454.00	10626.00
3250.00	3367.00	3516.00	3559.00	3606.00	3719.00	4112.00	4195.00	4112.00	4078.00	4125.00	4259.00	4433.00	4491.00	4547.00	4597.00	4662.00
4024.00	4248.00	4367.00	4436.00	4502.00	4581.00	4747.00	4837.00	5044.00	5133.00	5242.00	5382.00	5537.00	5655.00	5757.00	5857.00	5964.00
109.00	109.00	110.00	110.00	111.00	111.00	112.00	112.00	113.00	113.00	113.00	114.00	114.00	114.00	114.00	115.00	115.00
83.00	83.50	84.00	84.50	84.90	85.30	85.60	86.00	86.30	86.60	86.90	87.20	87.40	87.60	87.90	88.10	88.20
56.90	58.90	59.60	59.90	60.20	60.90	63.00	63.50	64.90	64.90	65.30	66.00	66.90	67.30	67.40	67.60	67.80
41.00	41.40	41.80	42.10	42.50	42.80	43.20	43.50	43.80	44.10	44.30	44.60	44.80	45.10	45.30	45.50	45.70
3931.60	4082.10	4241.10	4320.20	4402.90	4523.70	4807.80	4940.50	5057.50	5116.50	5225.40	5379.80	5576.00	5708.90	5822.80	5933.70	6043.90
127.90	129.20	132.20	133.50	134.70	136.30	140.60	142.30	141.10	142.00	143.50	146.10	149.10	150.80	152.80	154.70	156.80

## Appendix 2

### Energy Demand

Table A2.1: Demand, Reference Case and Continuing Trends, Canada

## Section 1: End Use Energy Prices (C\$2005/GJ)

(demand-weighted average of provincial prices) <sup>1</sup>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	22.67	22.10	22.26	21.38	20.59	19.34	20.76	21.46	22.09	22.75	23.02	22.58	22.33	22.43
Natural Gas	8.87	9.58	9.70	9.62	9.82	10.67	11.61	11.61	12.28	11.34	10.48	10.39	10.28	10.17
Light Fuel Oil	14.29	14.19	13.13	15.18	15.22	18.77	19.83	17.75	16.45	15.30	14.25	14.13	13.98	13.83
<b>Commercial</b>														
Electricity	21.92	21.67	22.90	22.83	20.02	18.89	20.40	20.85	21.76	22.51	22.83	22.47	22.02	22.08
Natural Gas	6.71	7.39	7.49	7.59	7.71	8.70	9.80	9.88	10.58	9.66	8.82	8.75	8.66	8.57
Light Fuel Oil	13.78	13.88	12.74	14.74	14.91	18.47	19.55	17.48	16.17	15.01	13.96	13.83	13.68	13.53
<b>Industrial</b>														
Electricity	13.06	13.80	13.88	13.49	12.25	11.52	12.59	12.87	13.39	13.72	13.88	13.63	13.45	13.50
Natural Gas	3.62	4.04	6.05	5.26	5.38	6.51	7.76	7.91	8.62	7.70	6.90	6.83	6.76	6.67
Heavy Fuel Oil	8.92	9.07	8.27	9.52	9.64	13.59	15.03	13.06	11.72	10.59	9.56	9.44	9.31	9.18
<b>Transportation</b>														
Gasoline	27.00	27.18	27.22	27.24	27.23	29.95	30.17	27.67	26.25	25.01	23.87	23.64	23.38	23.12
Diesel	21.77	22.65	20.83	21.28	21.27	24.43	25.06	22.76	21.39	20.19	19.10	18.92	18.72	18.51

## Section 2: Secondary Demand (petajoules)

(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>9 701.64</b>	<b>9 537.54</b>	<b>9 928.07</b>	<b>10 172.72</b>	<b>10 416.37</b>	<b>10 540.72</b>	<b>10 675.39</b>	<b>10 843.94</b>	<b>11 032.76</b>	<b>11 291.07</b>	<b>11 517.49</b>	<b>11 723.78</b>	<b>11 959.12</b>	<b>12 165.23</b>
RPP <sup>2,3</sup>	3 874.66	3 972.63	4 098.26	4 240.19	4 422.31	4 436.26	4 471.60	4 591.87	4 748.00	4 887.41	5 064.22	5 194.86	5 369.26	5 507.73
Electric	1 803.57	1 798.62	1 851.86	1 874.41	1 884.99	1 930.04	1 958.28	1 975.22	1 999.41	2 036.74	2 062.86	2 086.40	2 108.23	2 121.44
Natural Gas	3 146.66	2 940.88	3 100.46	3 167.82	3 211.24	3 284.42	3 358.75	3 380.54	3 377.44	3 442.68	3 453.94	3 496.14	3 524.28	3 574.03
Biofuels & Emerging Energy <sup>4</sup>	635.05	589.69	636.99	647.23	661.70	633.06	648.98	656.49	668.06	675.35	682.81	692.37	696.56	696.56
Other <sup>5</sup>	241.70	235.73	240.49	243.07	236.14	250.30	253.71	247.33	251.41	256.19	261.13	263.56	264.97	265.48
<b>Residential Sector</b>	<b>1 391.99</b>	<b>1 338.23</b>	<b>1 390.77</b>	<b>1 447.68</b>	<b>1 425.07</b>	<b>1 475.73</b>	<b>1 512.79</b>	<b>1 553.58</b>	<b>1 574.17</b>	<b>1 607.60</b>	<b>1 643.16</b>	<b>1 665.09</b>	<b>1 689.23</b>	<b>1 703.33</b>
Biomass	104.16	98.53	104.37	109.51	111.91	114.80	118.07	121.65	124.18	127.28	130.62	132.96	135.55	137.32
Electricity	497.64	504.87	517.53	532.76	543.66	555.27	570.09	584.81	593.04	604.37	615.98	623.27	631.67	636.37
Natural Gas	644.82	600.97	640.21	670.18	651.08	683.89	703.16	725.36	735.65	754.49	774.35	786.84	800.20	808.64
RPP	143.76	132.51	127.69	134.26	117.34	120.57	120.25	120.52	120.09	120.25	121.01	120.83	120.64	119.85
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	1.61	1.35	0.97	0.97	1.07	1.21	1.23	1.24	1.21	1.21	1.20	1.19	1.17	1.16
<b>Commercial Sector</b>	<b>1 368.71</b>	<b>1 341.18</b>	<b>1 425.79</b>	<b>1 443.90</b>	<b>1 458.96</b>	<b>1 506.28</b>	<b>1 525.33</b>	<b>1 541.49</b>	<b>1 542.20</b>	<b>1 568.70</b>	<b>1 592.72</b>	<b>1 610.04</b>	<b>1 633.89</b>	<b>1 651.40</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	466.15	457.63	488.33	486.05	492.32	517.73	527.11	534.58	539.69	549.76	557.17	562.77	570.71	575.83
Natural Gas	722.13	688.49	729.56	702.46	679.48	701.37	706.14	709.42	698.93	705.44	712.97	716.93	723.91	729.13
RPP	180.05	194.45	207.57	255.04	286.74	286.66	291.57	296.98	303.08	313.00	322.09	329.84	338.78	345.95
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.38	0.60	0.32	0.34	0.42	0.51	0.51	0.51	0.50	0.49	0.49	0.48	0.48	0.48
<b>Industrial Sector</b>	<b>4 453.21</b>	<b>4 393.03</b>	<b>4 612.43</b>	<b>4 704.06</b>	<b>4 853.77</b>	<b>4 867.32</b>	<b>4 928.25</b>	<b>4 987.57</b>	<b>5 125.84</b>	<b>5 262.21</b>	<b>5 354.46</b>	<b>5 468.25</b>	<b>5 595.80</b>	<b>5 727.16</b>
Biomass	530.89	491.15	532.62	537.72	549.78	524.90	514.99	505.40	510.17	518.20	521.81	526.71	533.45	535.54
Coal, Coke & Coke Oven Gas	204.90	197.43	204.12	204.18	195.46	207.22	210.99	205.03	208.89	212.84	217.33	219.46	220.91	221.81
Electricity	836.66	833.05	842.65	852.21	845.56	853.65	857.73	852.48	863.34	879.20	886.25	896.86	902.31	905.68
Natural Gas	1 777.34	1 649.44	1 728.94	1 793.43	1 878.92	1 897.45	1 947.79	1 944.13	1 941.29	1 981.19	1 965.05	1 990.79	1 998.60	2 034.69
LPG & Petroleum Feedstocks	363.19	462.48	506.00	491.03	579.01	560.40	567.92	577.93	593.74	617.69	639.07	653.88	672.28	686.47
RPP	325.22	317.21	296.47	325.60	324.92	328.90	327.87	325.59	329.36	338.23	346.38	352.58	360.41	365.57
Still Gas & Petroleum Coke	380.19	405.91	466.55	462.31	440.92	453.44	459.98	536.46	638.24	673.22	736.47	785.54	865.44	935.36
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	34.82	36.36	35.08	37.59	39.19	41.36	40.98	40.56	40.80	41.65	42.11	42.44	42.40	42.04

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	23.58	23.75	23.92	24.00	24.17	24.45	24.74	25.05	25.41	25.97	26.45	26.87	27.36	27.91	28.50	29.09	29.72
	10.07	9.98	9.90	9.83	9.76	9.71	9.67	9.63	9.60	9.57	9.53	9.50	9.47	9.44	9.41	9.38	9.35
	13.69	13.56	13.46	13.36	13.27	13.20	13.15	13.10	13.06	13.02	12.98	12.94	12.90	12.86	12.81	12.77	12.73
	23.83	24.06	24.29	24.43	24.66	25.03	25.41	25.76	26.16	26.97	27.44	27.84	28.34	28.89	29.48	30.04	30.65
	8.49	8.41	8.35	8.30	8.25	8.21	8.18	8.16	8.14	8.12	8.10	8.08	8.06	8.04	8.02	8.00	7.98
	13.38	13.26	13.15	13.04	12.95	12.88	12.82	12.77	12.72	12.68	12.63	12.59	12.55	12.50	12.46	12.42	12.37
	14.32	14.45	14.58	14.64	14.76	14.96	15.14	15.30	15.53	15.95	16.22	16.47	16.75	17.08	17.44	17.80	18.19
	6.58	6.53	6.49	6.45	6.42	6.39	6.37	6.36	6.35	6.35	6.34	6.34	6.33	6.32	6.31	6.30	6.29
	9.07	8.96	8.87	8.80	8.73	8.68	8.63	8.59	8.55	8.52	8.49	8.46	8.44	8.41	8.38	8.35	8.32
	22.86	22.64	22.45	22.27	22.11	21.98	21.88	21.79	21.71	21.63	21.56	21.48	21.40	21.32	21.25	21.17	21.10
	18.31	18.14	17.99	17.85	17.72	17.62	17.54	17.47	17.41	17.35	17.29	17.23	17.17	17.11	17.05	16.99	16.93
	<b>12 349.50</b>	<b>12 661.41</b>	<b>12 966.69</b>	<b>13 195.32</b>	<b>13 339.75</b>	<b>13 460.35</b>	<b>13 599.84</b>	<b>13 717.16</b>	<b>13 838.71</b>	<b>13 962.62</b>	<b>14 072.25</b>	<b>14 204.80</b>	<b>14 353.28</b>	<b>14 475.85</b>	<b>14 565.13</b>	<b>14 663.35</b>	<b>14 775.04</b>
	5 609.25	5 793.90	5 980.85	6 119.57	6 223.87	6 318.46	6 435.04	6 542.33	6 636.40	6 734.10	6 818.64	6 903.40	7 002.61	7 091.97	7 167.20	7 245.53	7 329.23
	2 129.28	2 155.32	2 188.90	2 217.55	2 230.19	2 237.65	2 246.50	2 251.31	2 259.19	2 266.38	2 273.33	2 282.06	2 298.05	2 306.39	2 306.94	2 308.88	2 313.33
	3 645.92	3 732.82	3 795.76	3 838.92	3 859.32	3 873.68	3 882.86	3 885.50	3 900.43	3 913.93	3 927.55	3 958.63	3 982.07	4 002.58	4 016.67	4 034.41	4 056.15
	699.92	711.19	727.05	740.11	746.03	750.34	755.12	758.27	762.51	766.70	771.00	776.65	784.82	788.68	788.79	789.42	791.68
	265.13	268.17	274.14	279.17	280.34	280.22	280.32	279.75	280.17	281.51	281.72	284.06	285.72	286.23	285.54	285.10	284.65
	<b>1 713.67</b>	<b>1 736.62</b>	<b>1 762.52</b>	<b>1 783.49</b>	<b>1 797.24</b>	<b>1 806.14</b>	<b>1 814.82</b>	<b>1 822.24</b>	<b>1 828.88</b>	<b>1 835.12</b>	<b>1 839.97</b>	<b>1 843.41</b>	<b>1 850.82</b>	<b>1 856.26</b>	<b>1 859.88</b>	<b>1 862.74</b>	<b>1 866.27</b>
	138.81	141.31	144.07	146.32	148.00	149.27	150.52	151.69	152.75	153.76	154.70	155.53	156.75	157.79	158.67	159.49	160.40
	639.06	646.34	654.77	661.23	665.08	667.23	669.39	671.22	672.70	673.92	674.66	674.87	676.49	677.32	677.42	677.20	677.13
	815.66	828.71	843.06	855.46	864.09	870.21	876.02	880.94	885.51	889.92	893.47	896.22	900.83	904.48	907.22	909.55	912.21
	119.01	119.14	119.50	119.37	118.98	118.37	117.83	117.34	116.89	116.51	116.14	115.79	115.77	115.71	115.62	115.56	115.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1.13	1.12	1.11	1.10	1.09	1.07	1.06	1.04	1.03	1.01	1.00	0.98	0.97	0.96	0.95	0.94	0.92
	<b>1 668.36</b>	<b>1 701.09</b>	<b>1 733.91</b>	<b>1 769.20</b>	<b>1 792.15</b>	<b>1 814.41</b>	<b>1 836.13</b>	<b>1 858.50</b>	<b>1 883.20</b>	<b>1 908.37</b>	<b>1 931.72</b>	<b>1 952.89</b>	<b>1 981.14</b>	<b>2 007.05</b>	<b>2 029.67</b>	<b>2 054.12</b>	<b>2 080.22</b>
	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.04	0.04	0.05	0.05	0.05
	579.49	587.92	596.48	605.38	610.28	614.51	618.72	622.58	626.68	630.45	633.65	636.39	640.25	643.16	645.07	647.19	649.56
	735.24	749.20	763.14	778.76	788.63	798.64	807.99	818.69	830.94	843.84	855.72	865.89	881.39	895.94	908.71	922.78	937.83
	353.15	363.45	373.77	384.55	392.73	400.74	408.91	416.71	425.06	433.56	441.82	450.04	458.91	467.35	475.28	483.53	492.20
	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
	0.48	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.52	0.53	0.53	0.54	0.54	0.55
	<b>5 846.57</b>	<b>6 039.23</b>	<b>6 218.61</b>	<b>6 331.87</b>	<b>6 397.67</b>	<b>6 450.64</b>	<b>6 523.23</b>	<b>6 578.10</b>	<b>6 632.56</b>	<b>6 686.30</b>	<b>6 733.02</b>	<b>6 807.86</b>	<b>6 880.05</b>	<b>6 934.43</b>	<b>6 965.90</b>	<b>7 003.98</b>	<b>7 049.88</b>
	537.05	545.10	557.32	567.40	571.06	573.63	576.85	578.67	581.69	584.83	588.23	593.03	599.93	602.70	601.79	601.46	602.62
	221.82	223.91	228.71	232.30	233.24	232.97	232.89	232.23	232.44	232.64	232.58	233.48	234.47	234.51	233.55	232.73	231.84
	907.16	917.45	933.99	947.24	951.11	952.17	954.64	956.03	958.21	961.22	966.99	977.47	982.06	980.58	980.63	980.63	982.76
	2 093.47	2 153.34	2 187.96	2 203.10	2 204.99	2 203.21	2 197.22	2 184.23	2 182.33	2 178.51	2 176.69	2 194.84	2 198.16	2 200.45	2 199.02	2 200.33	2 204.36
	699.48	720.66	746.36	766.07	780.80	793.80	808.30	821.58	835.71	848.94	862.07	877.12	895.63	911.43	924.24	938.02	952.29
	370.82	382.56	395.22	408.72	416.26	422.95	430.10	436.18	443.08	452.41	459.60	467.36	476.05	482.96	488.03	493.45	499.68
	975.07	1 053.55	1 125.18	1 161.72	1 194.64	1 226.19	1 277.31	1 325.46	1 355.03	1 383.36	1 404.95	1 425.92	1 448.54	1 470.04	1 488.13	1 506.42	1 524.94
	0.00	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.04	0.04	0.04	0.04
	41.70	42.65	43.82	45.28	45.52	45.69	45.88	45.98	46.21	47.37	47.65	49.08	49.75	50.22	50.51	50.89	51.34

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>2 487.74</b>	<b>2 465.10</b>	<b>2 499.08</b>	<b>2 577.08</b>	<b>2 678.57</b>	<b>2 691.40</b>	<b>2 709.03</b>	<b>2 761.31</b>	<b>2 790.55</b>	<b>2 852.55</b>	<b>2 927.15</b>	<b>2 980.41</b>	<b>3 040.20</b>	<b>3 083.34</b>
Aviation Fuel	195.11	172.29	188.17	194.92	210.17	206.15	203.00	202.56	203.08	206.89	213.76	218.75	223.74	227.53
Diesel	889.20	866.51	859.88	908.26	966.21	985.13	1 003.11	1 016.99	1 030.11	1 054.41	1 080.17	1 099.77	1 122.34	1 139.37
Electric	3.12	3.08	3.35	3.39	3.46	3.39	3.35	3.36	3.35	3.40	3.46	3.50	3.54	3.56
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.94	22.13	22.58	22.92	23.14	23.37	23.69
Heavy Fuel Oil	28.41	33.86	34.63	35.20	36.29	36.84	37.39	37.95	38.52	39.09	39.68	40.27	40.88	41.49
LPG	15.92	17.03	12.36	11.88	12.67	12.04	11.39	10.78	10.06	9.53	9.04	8.52	8.06	7.61
Lubricants	11.70	11.91	12.91	13.62	13.23	13.61	14.09	14.60	15.04	15.60	16.15	16.60	17.09	17.49
Motor Gasoline	1 341.90	1 358.46	1 386.04	1 408.06	1 434.79	1 432.53	1 435.05	1 451.50	1 466.70	1 499.49	1 540.40	1 568.28	1 599.62	1 621.03
Natural Gas	2.37	1.96	1.74	1.75	1.75	1.71	1.66	1.62	1.57	1.56	1.57	1.57	1.57	1.57

<b>Section 3: Primary Demand (petajoules)</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Secondary Demand	9 701.64	9 537.54	9 928.07	10 172.72	10 416.37	10 540.72	10 675.39	10 843.94	11 032.76	11 291.07	11 517.49	11 723.78	11 959.12	12 165.23
Total Electric and Steam Energy Demand for Generation	3 694.00	3 666.56	3 617.04	3 690.23	3 775.88	4 006.86	4 036.50	4 102.61	4 104.10	4 179.40	4 218.88	4 224.45	4 236.66	4 236.66
Less Electricity and Steam Secondary Demand	1 838.70	1 835.30	1 887.26	1 912.34	1 924.60	1 971.91	1 999.77	2 016.29	2 040.72	2 078.88	2 105.45	2 129.32	2 151.11	2 163.95
<b>Total Primary Demand</b>	<b>11 556.94</b>	<b>11 368.80</b>	<b>11 657.85</b>	<b>11 950.61</b>	<b>12 267.66</b>	<b>12 575.67</b>	<b>12 712.12</b>	<b>12 930.26</b>	<b>13 096.14</b>	<b>13 316.82</b>	<b>13 591.44</b>	<b>13 813.34</b>	<b>14 032.45</b>	<b>14 237.93</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	3 444.01	3 252.05	3 366.04	3 459.41	3 495.05	3 695.79	3 801.32	3 843.85	3 859.27	3 948.97	3 976.85	4 027.53	4 056.79	4 126.13
RPP	4 005.36	4 129.72	4 226.67	4 399.41	4 610.19	4 633.09	4 678.82	4 805.36	4 960.74	5 108.91	5 291.50	5 416.99	5 573.19	5 713.23
Coal, Coke and Coke Oven Gas	1 394.19	1 366.67	1 348.18	1 415.83	1 289.24	1 183.83	1 163.13	1 159.35	1 161.26	1 114.69	1 071.19	1 041.53	993.63	960.95
Hydro	1 280.43	1 189.61	1 251.53	1 205.26	1 216.99	1 263.15	1 273.81	1 284.12	1 293.92	1 334.01	1 350.19	1 350.20	1 374.06	1 375.77
Nuclear	796.63	839.30	826.52	819.53	988.77	1 086.52	1 085.51	1 095.74	1 054.56	1 015.74	1 087.49	1 140.28	1 172.40	1 179.90
Biofuels & Emerging Energy	636.32	591.45	638.91	651.18	667.42	713.29	709.54	741.86	766.38	794.49	814.22	836.80	862.39	881.95

<b>Section 4: Ratios</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>9.56</b>	<b>9.24</b>	<b>9.32</b>	<b>9.34</b>	<b>9.26</b>	<b>9.08</b>	<b>8.92</b>	<b>8.82</b>	<b>8.72</b>	<b>8.61</b>	<b>8.51</b>	<b>8.44</b>	<b>8.37</b>	<b>8.33</b>
Residential (PJ/Personal Income)	1.76	1.66	1.72	1.78	1.71	1.73	1.71	1.69	1.66	1.64	1.61	1.59	1.57	1.55
Commercial (PJ/GO)	1.26	1.21	1.25	1.24	1.21	1.20	1.18	1.16	1.14	1.12	1.10	1.09	1.07	1.06
Industrial (PJ/GO)	5.24	5.21	5.33	5.40	5.34	5.20	5.08	4.97	4.87	4.76	4.65	4.57	4.52	4.50
Transportation (PJ/GDP)	2.45	2.39	2.35	2.36	2.38	2.32	2.26	2.25	2.21	2.18	2.16	2.15	2.13	2.11

[1] Please note that there is no Canadian end-use price for the various fuels. The prices shown here are a demand weighted average of provincial prices included for interest only. Fuel demand and prices vary widely across provinces. The Canadian weighted average could lead to some unintuitive results.

[2] Refined Petroleum Products (RPP)

[3] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[4] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[5] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>3 120.90</b>	<b>3 184.47</b>	<b>3 251.66</b>	<b>3 310.77</b>	<b>3 352.69</b>	<b>3 389.15</b>	<b>3 425.66</b>	<b>3 458.33</b>	<b>3 494.07</b>	<b>3 532.83</b>	<b>3 567.55</b>	<b>3 600.65</b>	<b>3 641.28</b>	<b>3 678.11</b>	<b>3 709.69</b>	<b>3 742.51</b>	<b>3 778.67</b>
230.97	236.37	242.41	247.81	252.43	256.66	260.93	264.98	269.20	273.65	278.03	282.33	287.65	292.83	297.79	302.79	308.08
1 154.55	1 180.61	1 207.02	1 230.75	1 246.00	1 260.12	1 275.39	1 288.89	1 305.37	1 324.58	1 341.19	1 357.41	1 375.06	1 391.46	1 405.43	1 420.69	1 438.10
3.57	3.61	3.66	3.70	3.72	3.74	3.75	3.77	3.78	3.79	3.80	3.81	3.83	3.85	3.86	3.87	3.88
24.06	24.74	25.60	26.32	26.90	27.38	27.68	27.85	28.01	28.05	28.01	27.98	28.03	28.08	28.22	28.36	28.55
42.11	42.75	43.39	44.04	44.70	45.37	46.05	46.74	47.44	48.15	48.87	49.61	50.35	51.11	51.87	52.65	53.44
7.19	6.87	6.60	6.34	6.09	5.86	5.66	5.48	5.34	5.22	5.11	5.02	4.95	4.89	4.84	4.79	4.76
17.87	18.41	19.00	19.56	20.03	20.47	20.92	21.34	21.79	22.24	22.69	23.14	23.66	24.16	24.62	25.10	25.60
1 639.02	1 669.54	1 702.40	1 730.65	1 751.19	1 767.93	1 783.65	1 797.62	1 811.49	1 825.48	1 838.17	1 849.66	1 866.04	1 880.02	1 891.35	1 902.53	1 914.52
1.56	1.57	1.59	1.61	1.62	1.63	1.63	1.64	1.65	1.66	1.67	1.68	1.70	1.71	1.72	1.73	1.75

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
12 349.50	12 661.41	12 966.69	13 195.32	13 339.75	13 460.35	13 599.84	13 717.16	13 838.71	13 962.62	14 072.25	14 204.80	14 353.28	14 475.85	14 565.13	14 663.35	14 775.04
4 217.39	4 273.10	4 343.65	4 397.54	4 454.85	4 458.21	4 459.64	4 493.09	4 495.95	4 502.38	4 530.35	4 548.92	4 573.60	4 586.50	4 592.79	4 592.87	4 609.18
2 171.45	2 198.45	2 233.20	2 263.31	2 276.19	2 283.81	2 292.86	2 297.77	2 305.88	2 314.22	2 321.46	2 331.64	2 348.30	2 357.11	2 357.95	2 360.28	2 365.18
<b>14 395.44</b>	<b>14 736.07</b>	<b>15 077.14</b>	<b>15 329.56</b>	<b>15 518.41</b>	<b>15 634.75</b>	<b>15 766.62</b>	<b>15 912.48</b>	<b>16 028.77</b>	<b>16 150.78</b>	<b>16 281.14</b>	<b>16 422.08</b>	<b>16 578.58</b>	<b>16 705.23</b>	<b>16 799.97</b>	<b>16 895.94</b>	<b>17 019.04</b>
4 215.24	4 327.25	4 402.14	4 446.60	4 447.71	4 472.28	4 499.78	4 504.36	4 521.10	4 523.60	4 527.75	4 561.30	4 587.40	4 610.22	4 628.78	4 647.70	4 666.20
5 820.64	5 994.79	6 192.59	6 321.03	6 424.05	6 516.86	6 625.21	6 731.95	6 829.00	6 925.09	6 971.83	7 055.47	7 158.72	7 248.17	7 315.74	7 393.77	7 480.55
943.05	916.15	890.80	907.38	893.16	897.66	885.00	873.88	860.66	861.33	846.07	843.59	839.59	838.20	831.60	827.29	820.07
1 375.85	1 420.19	1 426.95	1 433.50	1 469.28	1 475.71	1 475.55	1 510.72	1 510.60	1 510.50	1 510.42	1 510.25	1 510.19	1 510.14	1 510.09	1 510.01	1 509.25
1 140.62	1 152.02	1 209.97	1 239.45	1 285.88	1 258.03	1 251.76	1 249.58	1 252.02	1 261.61	1 343.80	1 355.47	1 369.80	1 372.33	1 379.09	1 372.33	1 386.88
900.04	925.67	954.70	981.61	998.35	1 014.22	1 029.33	1 041.99	1 055.38	1 068.65	1 081.28	1 096.00	1 112.88	1 126.17	1 134.67	1 144.84	1 156.08

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>8.28</b>	<b>8.23</b>	<b>8.17</b>	<b>8.06</b>	<b>7.96</b>	<b>7.86</b>	<b>7.78</b>	<b>7.69</b>	<b>7.60</b>	<b>7.50</b>	<b>7.41</b>	<b>7.32</b>	<b>7.24</b>	<b>7.15</b>	<b>7.07</b>	<b>6.99</b>	<b>6.91</b>
1.52	1.50	1.48	1.45	1.43	1.41	1.38	1.36	1.34	1.32	1.30	1.28	1.25	1.23	1.21	1.19	1.17
1.05	1.04	1.03	1.02	1.01	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93
4.47	4.46	4.40	4.31	4.23	4.16	4.09	4.03	3.96	3.89	3.82	3.76	3.69	3.62	3.56	3.50	3.43
2.09	2.07	2.05	2.02	2.00	1.98	1.96	1.94	1.92	1.90	1.88	1.86	1.84	1.82	1.80	1.78	1.77

Table A2.2: Demand, Reference Case and Continuing Trends, Alberta

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Section 1: End Use Energy Prices (C\$2005/GJ)</b>														
<b>Residential</b>														
Electricity	27.09	27.26	29.50	29.94	26.14	26.79	28.45	26.46	28.30	28.50	28.55	28.69	27.08	26.55
Natural Gas	4.79	6.75	6.72	5.40	5.53	6.70	7.97	8.13	8.83	7.91	7.08	7.01	6.94	6.86
Light Fuel Oil	11.46	11.74	10.96	12.56	12.53	16.27	17.51	15.53	14.24	13.10	12.07	11.95	11.82	11.69
<b>Commercial</b>														
Electricity	22.63	26.68	29.76	38.27	30.37	30.07	33.18	29.95	33.31	33.82	34.22	34.76	32.21	31.63
Natural Gas	3.91	5.90	5.45	4.48	4.59	5.83	7.16	7.35	8.06	7.15	6.33	6.27	6.20	6.13
Light Fuel Oil	11.46	11.74	10.96	12.56	12.71	16.44	17.67	15.68	14.39	13.25	12.22	12.10	11.97	11.84
<b>Industrial</b>														
Electricity	14.55	18.68	17.55	17.05	13.93	13.99	15.12	13.79	15.05	15.20	15.28	15.43	14.39	14.10
Natural Gas	1.80	2.59	5.08	4.01	4.06	5.34	6.70	6.91	7.63	6.72	5.90	5.84	5.78	5.72
Heavy Fuel Oil	7.60	7.79	7.27	8.35	8.40	12.43	13.96	12.12	10.86	9.75	8.75	8.67	8.57	8.48
<b>Transportation</b>														
Gasoline	24.12	24.06	24.21	24.21	24.21	27.14	27.57	25.18	23.79	22.58	21.46	21.25	21.02	20.79
Diesel	19.03	20.25	18.14	18.85	18.85	22.15	22.95	20.74	19.40	18.22	17.15	16.98	16.80	16.61
<b>Section 2: Secondary Demand (petajoules)</b> (includes end use demand and feedstocks)														
<b>Total End Use</b>	<b>2 325.14</b>	<b>2 365.74</b>	<b>2 416.61</b>	<b>2 542.22</b>	<b>2 682.60</b>	<b>2 715.34</b>	<b>2 819.82</b>	<b>2 937.15</b>	<b>3 063.64</b>	<b>3 169.17</b>	<b>3 243.86</b>	<b>3 338.63</b>	<b>3 451.23</b>	<b>3 574.90</b>
RPP <sup>1,2</sup>	780.09	888.50	888.20	928.06	1 026.26	988.38	1 020.03	1 124.36	1 245.59	1 303.05	1 389.16	1 453.23	1 553.23	1 638.70
Electric	199.50	203.09	208.25	195.85	202.16	206.69	209.98	210.27	211.89	215.69	217.18	218.25	220.29	222.72
Natural Gas	1 277.77	1 204.29	1 245.23	1 338.86	1 378.97	1 448.12	1 518.63	1 532.52	1 535.54	1 578.92	1 565.67	1 594.63	1 604.63	1 640.41
Biofuels & Emerging Energy <sup>3</sup>	56.50	57.40	64.15	68.61	66.05	63.32	62.45	61.49	62.18	63.01	63.38	64.15	64.88	65.10
Other <sup>4</sup>	11.28	12.45	10.77	10.84	9.17	8.83	8.74	8.52	8.44	8.50	8.46	8.38	8.19	7.96
<b>Residential Sector</b>														
Biomass	188.90	170.32	188.40	190.26	189.45	200.15	209.01	217.39	221.79	227.78	234.22	237.71	241.96	244.22
Electricity	0.46	0.43	0.48	0.46	0.45	0.47	0.49	0.52	0.54	0.55	0.57	0.58	0.60	0.60
Natural Gas	25.56	27.80	28.76	27.14	27.54	28.91	30.33	31.80	32.77	33.89	35.04	35.77	36.69	37.33
RPP	160.35	139.77	157.00	160.78	159.81	169.12	176.57	183.49	186.97	191.88	197.21	200.04	203.42	205.10
Solar and Geothermal	1.88	1.77	1.76	1.76	1.58	1.57	1.54	1.50	1.43	1.38	1.33	1.26	1.20	1.14
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.65	0.55	0.40	0.11	0.08	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05
<b>Commercial Sector</b>														
Biomass	242.86	251.32	269.38	277.43	305.77	315.64	323.42	329.44	330.56	337.49	343.69	347.52	352.97	357.64
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	51.82	52.67	53.31	46.64	52.58	53.54	54.89	56.06	56.90	58.32	59.46	60.19	61.25	62.10
RPP	143.63	148.20	170.55	171.77	171.24	176.39	179.08	180.61	177.35	178.45	179.68	179.53	180.35	181.16
Solar and Geothermal	47.41	50.45	45.52	59.02	81.87	85.63	89.36	92.68	96.21	100.61	104.44	107.69	111.26	114.28
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11
<b>Industrial Sector</b>														
Biomass	1 498.41	1 527.81	1 559.47	1 660.61	1 752.09	1 764.73	1 836.87	1 923.81	2 035.21	2 113.09	2 160.14	2 238.30	2 329.74	2 437.83
Coal, Coke & Coke Oven Gas	56.04	56.97	63.67	68.15	65.60	62.84	61.96	60.97	61.64	62.45	62.81	63.56	64.28	64.50
Electricity	0.59	0.73	0.64	0.93	0.59	0.71	0.73	0.72	0.75	0.78	0.80	0.82	0.83	0.85
Natural Gas	121.86	122.36	125.77	121.63	121.51	123.72	124.23	121.85	121.64	122.90	122.08	121.69	121.72	122.67
LPG & Petroleum Feedstocks	973.69	916.23	917.60	1 006.22	1 047.84	1 102.53	1 162.90	1 168.35	1 171.16	1 208.53	1 188.73	1 215.01	1 220.83	1 254.13
RPP	141.59	224.51	224.57	238.37	295.26	260.15	263.02	269.69	277.41	288.35	299.63	306.83	317.06	325.47
Still Gas & Petroleum Coke	28.82	30.36	24.99	26.39	28.01	28.34	30.75	33.07	34.96	36.37	37.45	38.30	39.48	40.44
Solar and Geothermal	165.77	165.48	192.50	189.13	184.87	178.48	185.44	261.54	360.12	386.16	441.15	484.70	558.33	622.82
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	10.04	11.17	9.73	9.80	8.42	7.95	7.84	7.62	7.52	7.55	7.49	7.39	7.19	6.95

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
29.96	30.03	30.20	30.42	30.67	31.15	31.44	31.86	32.14	34.01	33.94	33.80	33.90	33.97	34.12	34.20	34.33
6.79	6.72	6.67	6.61	6.57	6.53	6.50	6.47	6.45	6.43	6.40	6.38	6.36	6.34	6.32	6.29	6.27
11.57	11.45	11.36	11.27	11.19	11.12	11.07	11.03	10.99	10.95	10.91	10.87	10.84	10.80	10.76	10.72	10.69
38.13	38.59	39.21	39.88	40.60	41.73	42.51	43.49	44.22	47.80	47.87	47.80	48.17	48.45	48.86	49.15	49.50
6.07	6.01	5.96	5.91	5.87	5.83	5.81	5.78	5.77	5.74	5.72	5.70	5.68	5.66	5.64	5.62	5.61
11.71	11.59	11.50	11.41	11.32	11.26	11.21	11.16	11.13	11.09	11.05	11.01	10.97	10.93	10.89	10.85	10.82
16.54	16.67	16.86	17.08	17.32	17.71	17.98	18.32	18.58	19.93	19.93	19.88	20.00	20.09	20.23	20.32	20.44
5.65	5.60	5.55	5.51	5.47	5.44	5.41	5.39	5.37	5.35	5.34	5.32	5.30	5.28	5.26	5.24	5.22
8.39	8.30	8.24	8.17	8.11	8.06	8.03	8.00	7.97	7.94	7.91	7.89	7.86	7.83	7.80	7.78	7.75
20.56	20.36	20.20	20.04	19.89	19.78	19.69	19.61	19.54	19.47	19.40	19.34	19.27	19.20	19.13	19.07	19.00
16.43	16.27	16.14	16.01	15.89	15.80	15.73	15.67	15.62	15.56	15.50	15.45	15.40	15.34	15.29	15.24	15.18

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>3 688.54</b>	<b>3 822.08</b>	<b>3 926.93</b>	<b>3 992.82</b>	<b>4 037.28</b>	<b>4 074.94</b>	<b>4 129.62</b>	<b>4 173.77</b>	<b>4 208.21</b>	<b>4 239.75</b>	<b>4 262.79</b>	<b>4 281.71</b>	<b>4 307.53</b>	<b>4 332.19</b>	<b>4 350.07</b>	<b>4 370.67</b>	<b>4 393.41</b>
1 691.30	1 790.38	1 880.10	1 934.69	1 978.95	2 020.27	2 082.42	2 140.20	2 179.92	2 219.35	2 250.01	2 279.81	2 310.93	2 340.54	2 365.69	2 391.46	2 417.92
224.14	227.01	228.70	229.98	230.11	229.84	229.89	229.11	228.96	228.54	228.28	228.04	228.25	228.35	228.15	228.18	228.45
1 700.17	1 731.25	1 743.45	1 752.46	1 752.38	1 749.04	1 741.41	1 728.62	1 723.31	1 715.66	1 708.02	1 696.83	1 690.30	1 684.86	1 677.94	1 672.78	1 668.59
65.21	65.92	67.20	68.29	68.55	68.63	68.87	68.95	69.22	69.51	69.89	70.49	71.54	71.97	71.86	71.87	72.11
7.71	7.53	7.48	7.41	7.29	7.15	7.03	6.90	6.80	6.69	6.60	6.53	6.52	6.48	6.42	6.38	6.34
<b>245.79</b>	<b>248.94</b>	<b>252.68</b>	<b>256.29</b>	<b>258.54</b>	<b>260.09</b>	<b>261.60</b>	<b>263.00</b>	<b>264.44</b>	<b>265.83</b>	<b>266.90</b>	<b>267.62</b>	<b>268.64</b>	<b>269.56</b>	<b>270.28</b>	<b>270.87</b>	<b>271.52</b>
0.61	0.62	0.63	0.64	0.65	0.66	0.66	0.67	0.67	0.68	0.69	0.69	0.69	0.70	0.70	0.70	0.71
37.78	38.50	39.33	40.17	40.82	41.36	41.91	42.43	42.98	43.51	44.01	44.47	45.01	45.56	46.09	46.61	47.16
206.27	208.75	211.69	214.50	216.14	217.19	218.19	219.10	220.02	220.91	221.53	221.81	222.32	222.72	222.94	223.03	223.15
1.08	1.03	0.98	0.94	0.89	0.84	0.80	0.76	0.73	0.69	0.66	0.62	0.59	0.56	0.53	0.51	0.48
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02
<b>362.37</b>	<b>370.70</b>	<b>377.79</b>	<b>385.41</b>	<b>390.36</b>	<b>395.42</b>	<b>400.20</b>	<b>405.12</b>	<b>411.13</b>	<b>417.48</b>	<b>423.05</b>	<b>427.05</b>	<b>433.30</b>	<b>439.28</b>	<b>444.47</b>	<b>450.16</b>	<b>456.18</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62.69	63.73	64.70	65.68	66.25	66.79	67.33	67.79	68.37	68.90	69.36	69.81	70.32	70.80	71.20	71.65	72.16
182.16	185.47	187.72	190.33	191.46	192.79	193.78	195.17	197.28	199.68	201.57	201.93	204.51	206.93	208.84	211.09	213.51
117.41	121.39	125.26	129.29	132.53	135.72	138.98	142.05	145.37	148.79	152.00	155.19	158.36	161.43	164.32	167.30	170.39
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.12
<b>2 538.81</b>	<b>2 649.92</b>	<b>2 733.12</b>	<b>2 775.52</b>	<b>2 805.70</b>	<b>2 830.68</b>	<b>2 872.96</b>	<b>2 905.75</b>	<b>2 926.54</b>	<b>2 943.27</b>	<b>2 953.94</b>	<b>2 962.34</b>	<b>2 975.21</b>	<b>2 987.67</b>	<b>2 995.15</b>	<b>3 004.63</b>	<b>3 015.46</b>
64.61	65.30	66.57	67.65	67.90	67.98	68.21	68.28	68.55	68.83	69.20	69.81	70.84	71.27	71.16	71.16	71.40
0.85	0.86	0.88	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.96	0.96	0.97	0.97	0.97	0.97	0.97
123.04	124.14	124.02	123.48	122.38	121.04	120.00	118.23	116.95	115.48	114.25	113.09	112.26	111.34	110.21	109.26	108.47
1 311.71	1 337.01	1 344.02	1 347.61	1 344.76	1 339.04	1 329.42	1 314.33	1 306.00	1 295.05	1 284.92	1 273.08	1 263.47	1 255.20	1 246.16	1 238.66	1 231.93
333.14	345.22	356.86	364.62	370.40	375.37	381.52	387.48	393.26	398.84	403.92	409.56	416.47	422.53	427.44	432.59	437.97
40.73	41.89	43.09	44.59	45.34	45.89	46.64	47.22	47.78	48.33	48.84	49.23	49.63	49.99	50.27	50.56	50.93
658.03	728.99	791.22	820.32	847.78	874.36	920.28	963.45	987.35	1 010.19	1 026.35	1 041.18	1 056.15	1 070.99	1 083.62	1 096.15	1 108.55
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.71	6.51	6.45	6.36	6.22	6.08	5.95	5.82	5.71	5.59	5.50	5.43	5.41	5.37	5.32	5.28	5.24

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>394.97</b>	<b>416.29</b>	<b>399.35</b>	<b>413.92</b>	<b>435.29</b>	<b>434.83</b>	<b>450.53</b>	<b>466.50</b>	<b>476.08</b>	<b>490.81</b>	<b>505.81</b>	<b>515.10</b>	<b>526.56</b>	<b>535.20</b>
Aviation Fuel	30.03	31.54	29.17	28.73	29.98	29.21	29.14	29.47	29.78	30.60	31.81	32.67	33.65	34.34
Diesel	185.20	193.46	179.31	198.60	214.00	213.37	222.92	231.54	236.16	243.41	250.01	253.64	258.88	263.41
Electric	0.26	0.26	0.41	0.43	0.52	0.52	0.54	0.56	0.57	0.58	0.60	0.61	0.62	0.63
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	4.41	4.39	3.47	3.08	2.98	2.76	2.60	2.42	2.20	2.02	1.84	1.67	1.50	1.35
Lubricants	1.57	1.39	1.29	1.40	1.47	1.50	1.58	1.66	1.72	1.80	1.87	1.92	1.98	2.03
Motor Gasoline	173.40	185.15	185.61	181.58	186.24	187.38	193.68	200.78	205.59	212.35	219.62	224.55	229.89	233.41
Natural Gas	0.10	0.10	0.09	0.09	0.09	0.08	0.07	0.07	0.06	0.05	0.05	0.04	0.04	0.03

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	2 325.14	2 365.74	2 416.60	2 542.22	2 682.60	2 715.34	2 819.82	2 937.15	3 063.64	3 169.17	3 243.86	3 338.63	3 451.23	3 574.90
Total Electric and Steam Energy Demand for Generation	602.85	619.06	591.06	589.94	584.25	679.41	654.49	648.99	649.87	663.72	691.22	686.84	682.76	684.87
Less Electricity and Steam Secondary Demand	209.53	214.26	217.98	205.65	210.66	214.73	217.91	217.99	219.51	223.35	224.78	225.75	227.59	229.78
<b>Total Primary Demand</b>	<b>2 718.45</b>	<b>2 770.54</b>	<b>2 789.68</b>	<b>2 926.51</b>	<b>3 056.20</b>	<b>3 180.02</b>	<b>3 256.40</b>	<b>3 368.15</b>	<b>3 494.00</b>	<b>3 609.54</b>	<b>3 710.30</b>	<b>3 799.72</b>	<b>3 906.40</b>	<b>4 029.99</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	1 395.05	1 307.32	1 329.88	1 423.79	1 461.41	1 622.99	1 701.79	1 723.23	1 727.74	1 776.01	1 754.70	1 783.05	1 799.59	1 838.65
RPP	780.49	888.87	888.54	928.58	1 026.82	989.30	1 020.56	1 124.88	1 246.11	1 303.58	1 389.69	1 459.17	1 559.17	1 644.64
Coal, Coke and Coke Oven Gas	479.45	510.83	499.75	496.26	490.70	480.34	447.53	433.47	430.34	437.38	475.11	465.41	453.38	450.79
Hydro	6.32	5.16	6.19	6.28	6.75	6.82	6.82	6.82	8.40	8.40	8.40	8.40	8.40	8.40
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	57.14	58.37	65.33	71.61	70.51	80.56	79.70	79.74	81.40	84.18	82.39	83.69	85.85	87.51

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>18.68</b>	<b>18.43</b>	<b>18.54</b>	<b>19.01</b>	<b>19.34</b>	<b>19.04</b>	<b>18.80</b>	<b>18.79</b>	<b>18.94</b>	<b>18.78</b>	<b>18.55</b>	<b>18.63</b>	<b>18.70</b>	<b>18.90</b>
Residential (PJ/Personal Income)	2.32	1.94	2.16	2.19	2.07	2.13	2.10	2.06	2.02	1.98	1.95	1.92	1.89	1.86
Commercial (PJ/GO)	2.06	2.05	2.13	2.15	2.31	2.28	2.24	2.20	2.14	2.09	2.06	2.03	2.00	1.97
Industrial (PJ/GO)	13.87	13.65	14.31	15.32	15.35	15.60	15.29	15.37	15.63	15.62	15.41	15.61	15.83	16.23
Transportation (PJ/GDP)	3.17	3.24	3.06	3.10	3.14	3.05	3.00	2.99	2.94	2.91	2.89	2.87	2.85	2.83

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



## National Energy Board

## Canada's Energy Future – Appendices

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
541.57	552.51	563.35	575.61	582.68	588.75	594.86	599.90	606.10	613.17	618.90	624.70	630.38	635.68	640.18	645.01	650.26
34.98	35.85	36.84	37.90	38.69	39.44	40.22	40.93	41.70	42.49	43.26	43.96	44.78	45.61	46.41	47.22	48.06
266.34	272.04	277.05	283.21	286.39	289.07	291.79	293.84	296.80	300.54	303.37	306.63	309.36	311.88	313.92	316.33	319.06
0.63	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.21	1.08	0.98	0.88	0.78	0.69	0.62	0.55	0.49	0.44	0.39	0.34	0.30	0.27	0.24	0.21	0.18
2.07	2.13	2.20	2.26	2.31	2.36	2.41	2.45	2.50	2.55	2.60	2.65	2.70	2.75	2.80	2.84	2.89
236.31	240.75	245.62	250.70	253.83	256.52	259.16	261.46	263.94	266.48	268.62	270.45	272.57	274.52	276.16	277.75	279.40
0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
3 688.54	3 822.08	3 926.93	3 992.82	4 037.28	4 074.94	4 129.62	4 173.77	4 208.21	4 239.75	4 262.79	4 281.70	4 307.53	4 332.19	4 350.07	4 370.67	4 393.41
683.63	687.97	700.84	702.28	706.40	713.06	712.70	704.06	695.20	686.31	683.54	682.38	681.23	681.05	678.95	678.64	678.05
230.96	233.63	235.25	236.44	236.44	236.03	235.95	235.04	234.78	234.25	233.89	233.58	233.78	233.84	233.58	233.57	233.81
<b>4 141.22</b>	<b>4 276.42</b>	<b>4 392.52</b>	<b>4 458.66</b>	<b>4 507.24</b>	<b>4 551.98</b>	<b>4 606.36</b>	<b>4 642.79</b>	<b>4 668.63</b>	<b>4 691.82</b>	<b>4 712.44</b>	<b>4 730.50</b>	<b>4 754.98</b>	<b>4 779.41</b>	<b>4 795.44</b>	<b>4 815.74</b>	<b>4 837.65</b>

1 898.46	1 932.83	1 945.20	1 954.44	1 954.29	1 951.40	1 947.16	1 934.35	1 928.60	1 921.03	1 916.06	1 904.83	1 898.08	1 892.66	1 888.88	1 883.72	1 879.48
1 700.52	1 799.59	1 889.32	1 950.47	1 998.02	2 039.34	2 101.49	2 159.27	2 202.28	2 241.70	2 272.36	2 302.17	2 336.56	2 366.17	2 391.33	2 417.10	2 446.84
444.78	444.66	456.49	448.67	449.20	453.61	448.56	439.47	427.68	418.71	414.00	412.83	408.96	408.40	403.81	403.16	399.39
8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
89.05	90.93	93.10	96.67	97.33	99.23	100.75	101.30	101.68	101.98	101.62	102.28	102.98	103.77	103.02	103.36	103.55

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
19.04	19.15	19.14	18.92	18.74	18.55	18.45	18.33	18.12	17.87	17.64	17.39	17.18	16.99	16.80	16.61	16.43
1.84	1.81	1.78	1.75	1.73	1.70	1.67	1.65	1.62	1.60	1.57	1.55	1.52	1.50	1.47	1.45	1.43
1.95	1.93	1.91	1.89	1.87	1.85	1.83	1.82	1.80	1.79	1.77	1.75	1.75	1.74	1.73	1.72	1.71
16.71	17.06	17.13	16.90	16.78	16.68	16.67	16.65	16.51	16.35	16.16	15.98	15.79	15.62	15.47	15.31	15.15
2.80	2.77	2.75	2.73	2.71	2.68	2.66	2.63	2.61	2.59	2.56	2.54	2.51	2.49	2.47	2.45	2.43

Table A2.3: Demand, Reference Case and Continuing Trends, British Columbia

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	18.62	17.79	17.86	16.90	16.34	15.13	18.48	17.90	17.92	18.08	18.33	18.35	18.27	18.32
Natural Gas	8.77	8.80	8.30	8.60	8.84	9.78	10.82	10.86	11.53	10.59	9.74	9.65	9.54	9.44
Light Fuel Oil	12.36	12.66	11.83	13.57	13.52	17.18	18.36	16.34	15.04	13.90	12.86	12.74	12.60	12.46
<b>Commercial</b>														
Electricity	16.92	16.36	16.32	15.32	13.57	12.61	15.63	15.13	15.13	15.28	15.49	15.51	15.44	15.49
Natural Gas	7.10	7.30	6.87	7.18	7.38	8.43	9.57	9.66	10.35	9.42	8.57	8.49	8.40	8.31
Light Fuel Oil	12.36	12.66	11.83	13.57	13.73	17.39	18.55	16.52	15.22	14.08	13.04	12.91	12.77	12.63
<b>Industrial</b>														
Electricity	11.38	10.86	10.93	10.27	9.58	8.93	11.08	10.67	10.68	10.79	10.94	10.96	10.91	10.95
Natural Gas	4.88	6.32	5.85	6.33	6.45	7.56	8.76	8.88	9.58	8.66	7.82	7.75	7.66	7.58
Heavy Fuel Oil	8.20	8.42	7.85	9.00	9.06	13.03	14.52	12.65	11.39	10.28	9.27	9.19	9.09	8.99
<b>Transportation</b>														
Gasoline	28.07	28.12	28.13	28.13	28.13	30.79	30.96	28.42	27.00	25.76	24.61	24.38	24.12	23.85
Diesel	21.30	22.94	20.98	21.67	21.67	24.77	25.38	23.08	21.71	20.51	19.42	19.23	19.02	18.81

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>1203.38</b>	<b>1176.37</b>	<b>1172.18</b>	<b>1162.28</b>	<b>1185.25</b>	<b>1177.44</b>	<b>1189.07</b>	<b>1189.94</b>	<b>1194.24</b>	<b>1212.22</b>	<b>1235.49</b>	<b>1246.94</b>	<b>1264.16</b>	<b>1274.08</b>
RPP <sup>1,2</sup>	394.60	389.83	393.81	394.22	417.14	429.35	439.11	445.01	448.92	457.75	470.69	478.00	487.77	495.09
Electric	216.36	208.03	208.41	213.84	217.60	220.22	223.57	224.51	227.05	231.25	235.46	237.05	239.73	240.93
Natural Gas	353.56	359.75	353.16	328.98	327.70	306.10	305.60	302.96	298.27	299.18	302.26	302.21	303.44	303.32
Biofuels & Emerging Energy <sup>3</sup>	220.71	196.66	196.99	203.62	199.42	192.59	189.24	185.89	187.96	190.81	192.46	194.60	197.41	198.45
Other <sup>4</sup>	18.14	22.10	19.81	21.62	23.38	29.17	31.56	31.56	32.05	33.21	34.62	35.08	35.81	36.30
<b>Residential Sector</b>	<b>150.13</b>	<b>147.90</b>	<b>148.27</b>	<b>143.02</b>	<b>144.37</b>	<b>152.87</b>	<b>158.94</b>	<b>163.00</b>	<b>165.21</b>	<b>168.37</b>	<b>173.25</b>	<b>174.77</b>	<b>177.72</b>	<b>179.47</b>
Biomass	6.67	6.75	6.89	6.53	6.41	6.87	7.18	7.42	7.60	7.80	8.07	8.19	8.39	8.52
Electricity	58.31	58.23	60.04	59.16	63.12	65.72	68.23	69.96	71.03	72.35	74.22	74.68	75.75	76.32
Natural Gas	78.58	76.08	79.28	75.22	72.59	77.96	81.21	83.34	84.37	86.05	88.81	89.81	91.56	92.66
RPP	6.57	6.84	2.06	2.11	2.25	2.33	2.32	2.28	2.22	2.18	2.15	2.09	2.03	1.96
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Commercial Sector</b>	<b>150.43</b>	<b>158.25</b>	<b>160.94</b>	<b>139.09</b>	<b>138.63</b>	<b>152.99</b>	<b>155.04</b>	<b>156.67</b>	<b>156.25</b>	<b>158.69</b>	<b>162.04</b>	<b>162.77</b>	<b>165.09</b>	<b>166.69</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	50.64	51.95	51.91	50.94	48.73	54.85	55.89	56.78	57.58	58.96	60.52	60.88	61.91	62.58
Natural Gas	91.40	96.16	94.98	76.06	76.11	83.13	83.92	84.42	82.87	83.38	84.48	84.56	85.33	85.87
RPP	8.34	9.86	14.06	12.09	13.79	15.01	15.23	15.48	15.79	16.34	17.04	17.33	17.84	18.24
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.06	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Industrial Sector</b>	<b>562.49</b>	<b>542.39</b>	<b>526.18</b>	<b>539.89</b>	<b>539.69</b>	<b>496.74</b>	<b>490.91</b>	<b>479.85</b>	<b>478.85</b>	<b>483.64</b>	<b>486.98</b>	<b>489.70</b>	<b>492.93</b>	<b>492.98</b>
Biomass	214.04	189.91	190.10	197.09	193.01	185.73	182.07	178.48	180.36	183.02	184.39	186.41	189.03	189.93
Coal, Coke & Coke Oven Gas	15.22	19.14	19.61	21.32	21.35	27.25	29.69	29.77	30.30	31.50	32.97	33.51	34.33	34.91
Electricity	106.99	97.43	95.94	103.20	105.26	99.15	98.93	97.25	97.92	99.41	100.17	100.94	101.51	101.46
Natural Gas	183.01	187.23	178.74	177.54	178.85	144.86	140.33	135.08	130.91	129.65	128.88	127.75	126.48	124.72
LPG & Petroleum Feedstocks	3.82	5.13	6.19	4.37	4.36	3.74	3.74	3.38	3.28	3.15	3.03	2.92	2.80	2.69
RPP	20.34	24.48	19.39	20.79	19.83	20.12	20.61	20.65	20.73	21.07	21.29	21.67	21.99	22.29
Still Gas & Petroleum Coke	16.21	16.38	16.01	15.29	15.00	13.97	13.66	13.45	13.61	14.13	14.61	14.94	15.31	15.60
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	2.87	2.68	0.20	0.30	2.03	1.92	1.87	1.80	1.75	1.71	1.64	1.57	1.48	1.38

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
18.43	18.36	18.52	18.49	18.66	18.87	18.71	18.92	19.17	19.44	19.72	20.02	20.34	20.70	21.07	21.47	21.90
9.34	9.25	9.17	9.10	9.03	8.98	8.94	8.90	8.87	8.84	8.81	8.78	8.75	8.72	8.69	8.66	8.63
12.32	12.21	12.11	12.01	11.92	11.85	11.80	11.75	11.71	11.67	11.63	11.59	11.55	11.51	11.47	11.43	11.39
15.60	15.53	15.68	15.66	15.82	16.00	15.86	16.05	16.28	16.51	16.76	17.03	17.32	17.64	17.96	18.33	18.71
8.22	8.14	8.07	8.01	7.95	7.90	7.87	7.83	7.81	7.78	7.75	7.73	7.70	7.67	7.64	7.62	7.59
12.49	12.37	12.27	12.17	12.08	12.01	11.96	11.91	11.87	11.83	11.79	11.75	11.71	11.66	11.62	11.58	11.54
11.02	10.98	11.08	11.07	11.18	11.30	11.21	11.34	11.50	11.66	11.83	12.02	12.22	12.44	12.67	12.92	13.19
7.50	7.42	7.36	7.30	7.25	7.21	7.18	7.15	7.12	7.10	7.07	7.05	7.02	7.00	6.97	6.95	6.93
8.89	8.80	8.73	8.66	8.60	8.55	8.51	8.48	8.45	8.42	8.39	8.36	8.33	8.30	8.27	8.24	8.21
23.59	23.36	23.17	22.98	22.82	22.69	22.58	22.49	22.42	22.34	22.26	22.18	22.10	22.02	21.95	21.87	21.80
18.61	18.43	18.27	18.13	18.00	17.89	17.81	17.74	17.68	17.62	17.56	17.50	17.44	17.37	17.31	17.25	17.19

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>1280.93</b>	<b>1300.25</b>	<b>1324.00</b>	<b>1344.16</b>	<b>1356.07</b>	<b>1365.02</b>	<b>1376.29</b>	<b>1385.36</b>	<b>1398.46</b>	<b>1412.49</b>	<b>1425.89</b>	<b>1439.59</b>	<b>1455.10</b>	<b>1467.32</b>	<b>1475.74</b>	<b>1484.49</b>	<b>1495.12</b>
500.25	510.29	521.14	531.04	538.47	544.59	551.59	557.84	565.02	572.89	579.77	585.49	592.18	598.36	603.72	609.03	614.96
241.77	244.63	248.51	251.77	253.42	254.36	255.86	256.87	258.19	259.41	260.60	261.84	263.67	264.63	264.75	264.91	265.29
303.25	305.90	309.53	312.76	314.27	315.57	317.17	318.19	321.53	325.22	329.07	334.01	338.41	342.53	345.88	349.39	353.26
199.19	202.32	206.92	210.46	211.60	212.37	213.46	214.17	215.32	216.46	217.74	219.45	221.89	222.80	222.42	222.21	222.59
36.48	37.11	37.90	38.14	38.31	38.12	38.21	38.28	38.40	38.52	38.72	38.80	38.96	39.01	38.97	38.96	39.03
<b>180.99</b>	<b>183.75</b>	<b>186.74</b>	<b>189.38</b>	<b>191.30</b>	<b>192.71</b>	<b>194.23</b>	<b>195.65</b>	<b>197.02</b>	<b>198.36</b>	<b>199.54</b>	<b>200.51</b>	<b>201.71</b>	<b>202.74</b>	<b>203.63</b>	<b>204.39</b>	<b>205.22</b>
8.65	8.84	9.04	9.22	9.37	9.50	9.62	9.74	9.86	9.98	10.08	10.18	10.29	10.39	10.48	10.56	10.65
76.79	77.80	78.89	79.84	80.49	80.91	81.42	81.90	82.35	82.78	83.13	83.40	83.75	84.02	84.22	84.37	84.53
93.65	95.27	97.02	98.57	99.75	100.66	101.59	102.46	103.31	104.15	104.90	105.55	106.33	107.03	107.66	108.22	108.83
1.90	1.85	1.80	1.75	1.70	1.64	1.59	1.55	1.50	1.46	1.42	1.38	1.34	1.31	1.27	1.24	1.21
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>168.22</b>	<b>171.14</b>	<b>174.20</b>	<b>177.36</b>	<b>179.54</b>	<b>181.56</b>	<b>183.63</b>	<b>185.78</b>	<b>188.22</b>	<b>190.66</b>	<b>192.90</b>	<b>196.67</b>	<b>199.52</b>	<b>202.17</b>	<b>204.46</b>	<b>206.87</b>	<b>209.36</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63.18	64.27	65.36	66.41	67.14	67.73	68.44	69.07	69.72	70.31	70.84	71.33	71.83	72.22	72.48	72.72	72.94
86.41	87.70	89.13	90.71	91.72	92.74	93.66	94.76	96.11	97.50	98.78	101.60	103.48	105.29	106.88	108.61	110.42
18.63	19.17	19.71	20.24	20.68	21.09	21.53	21.95	22.40	22.84	23.28	23.73	24.21	24.66	25.09	25.54	26.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>492.19</b>	<b>497.15</b>	<b>505.57</b>	<b>511.66</b>	<b>513.17</b>	<b>513.57</b>	<b>515.45</b>	<b>515.70</b>	<b>519.05</b>	<b>522.83</b>	<b>527.17</b>	<b>531.52</b>	<b>537.62</b>	<b>541.21</b>	<b>542.10</b>	<b>543.42</b>	<b>545.96</b>
190.54	193.48	197.88	201.24	202.23	202.88	203.84	204.43	205.46	206.48	207.65	209.27	211.60	212.41	211.94	211.64	211.94
35.19	35.92	36.79	37.11	37.38	37.27	37.44	37.59	37.77	37.96	38.21	38.34	38.55	38.64	38.65	38.67	38.77
101.23	101.99	103.68	104.93	105.21	105.13	105.40	105.31	105.53	105.72	106.02	106.51	107.49	107.79	107.44	107.22	107.22
123.13	122.87	123.33	123.43	122.76	122.14	121.88	120.94	122.09	123.54	125.37	126.85	128.58	130.20	131.33	132.55	134.00
2.58	2.48	2.40	2.32	2.24	2.17	2.22	2.15	2.09	2.04	2.00	1.97	1.96	1.95	1.94	1.93	1.93
22.38	22.95	23.51	24.23	24.70	25.08	25.52	25.92	26.48	27.21	27.77	28.12	28.56	28.98	29.30	29.61	30.00
15.86	16.26	16.86	17.36	17.73	18.05	18.38	18.68	19.02	19.32	19.63	20.01	20.48	20.87	21.18	21.51	21.85
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.28	1.19	1.11	1.03	0.94	0.85	0.77	0.70	0.63	0.57	0.51	0.46	0.41	0.36	0.32	0.29	0.26

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>340.33</b>	<b>327.84</b>	<b>336.78</b>	<b>340.28</b>	<b>362.57</b>	<b>374.84</b>	<b>384.19</b>	<b>390.41</b>	<b>393.93</b>	<b>401.51</b>	<b>413.22</b>	<b>419.70</b>	<b>428.43</b>	<b>434.94</b>
Aviation Fuel	47.46	36.62	43.38	38.80	43.41	43.04	42.66	42.37	42.26	42.86	44.44	45.16	46.28	47.15
Diesel	116.78	116.57	118.83	124.03	131.94	140.24	145.14	147.74	148.62	151.12	154.44	157.18	160.31	162.82
Electric	0.43	0.42	0.52	0.54	0.50	0.50	0.51	0.52	0.52	0.53	0.55	0.55	0.56	0.56
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	6.42	8.39	8.48	8.95	9.13	9.27	9.41	9.55	9.69	9.84	9.99	10.14	10.29	10.44
LPG	4.91	5.02	4.60	4.17	4.15	4.09	3.99	3.89	3.75	3.68	3.64	3.58	3.54	3.49
Lubricants	1.90	1.81	2.03	2.03	2.03	2.12	2.21	2.28	2.35	2.43	2.52	2.58	2.66	2.72
Motor Gasoline	161.86	158.73	158.80	161.61	171.24	175.43	180.14	183.94	186.63	190.95	197.55	200.44	204.72	207.68
Natural Gas	0.58	0.28	0.16	0.16	0.16	0.15	0.14	0.13	0.11	0.10	0.09	0.08	0.08	0.07
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<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	1203.38	1176.37	1172.18	1162.28	1185.25	1177.44	1189.07	1189.94	1194.24	1212.22	1235.49	1246.94	1264.16	1274.08
Total Electric and Steam Energy Demand for Generation	257.41	227.62	226.64	220.36	210.93	279.76	284.61	285.39	287.61	291.92	298.85	302.03	307.55	313.33
Less Electricity and Steam Secondary Demand	219.23	210.71	208.61	214.13	219.64	222.14	225.44	226.31	228.79	232.96	237.10	238.62	241.21	242.31
<b>Total Primary Demand</b>	<b>1241.56</b>	<b>1193.28</b>	<b>1190.21</b>	<b>1168.50</b>	<b>1176.54</b>	<b>1235.05</b>	<b>1248.25</b>	<b>1249.02</b>	<b>1253.06</b>	<b>1271.17</b>	<b>1297.24</b>	<b>1310.35</b>	<b>1330.50</b>	<b>1345.11</b>
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<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	392.14	407.52	366.84	343.30	340.78	348.22	346.20	342.46	337.45	339.49	344.39	344.34	347.91	349.57
RPP	396.54	392.45	394.26	394.66	417.42	430.55	440.30	446.21	450.12	458.95	471.89	479.20	488.97	496.29
Coal, Coke and Coke Oven Gas	15.28	19.42	19.61	21.32	21.35	27.25	29.69	29.77	30.30	31.50	32.97	33.51	34.33	34.91
Hydro	216.89	177.24	212.51	205.60	197.57	213.10	219.48	219.48	219.48	219.48	221.42	221.42	221.42	222.89
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	220.71	196.66	196.99	203.62	199.42	215.92	212.58	211.11	215.71	221.74	226.57	231.89	237.88	241.44
<hr/>														
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>9.82</b>	<b>9.48</b>	<b>9.24</b>	<b>8.89</b>	<b>8.85</b>	<b>8.43</b>	<b>8.23</b>	<b>8.03</b>	<b>7.87</b>	<b>7.74</b>	<b>7.65</b>	<b>7.55</b>	<b>7.44</b>	<b>7.34</b>
Residential (PJ/Personal Income)	1.47	1.44	1.44	1.38	1.36	1.38	1.36	1.35	1.33	1.31	1.29	1.27	1.25	1.24
Commercial (PJ/GO)	1.04	1.07	1.07	0.91	0.88	0.93	0.91	0.90	0.88	0.86	0.85	0.84	0.82	0.81
Industrial (PJ/GO)	7.30	7.38	7.19	6.15	6.13	5.45	5.15	4.91	4.73	4.58	4.46	4.34	4.23	4.12
Transportation (PJ/GDP)	2.78	2.64	2.65	2.60	2.71	2.68	2.66	2.63	2.60	2.56	2.56	2.54	2.52	2.51

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>439.53</b>	<b>448.21</b>	<b>457.48</b>	<b>465.76</b>	<b>472.06</b>	<b>477.18</b>	<b>482.97</b>	<b>488.23</b>	<b>494.16</b>	<b>500.64</b>	<b>506.28</b>	<b>510.89</b>	<b>516.24</b>	<b>521.20</b>	<b>525.55</b>	<b>529.81</b>	<b>534.58</b>
47.91	49.08	50.43	51.64	52.73	53.72	54.76	55.76	56.78	57.85	58.89	59.89	61.03	62.14	63.22	64.29	65.41
164.28	167.78	171.24	174.67	177.05	178.99	181.43	183.61	186.44	189.76	192.51	194.52	196.79	198.95	200.78	202.65	204.87
0.57	0.57	0.58	0.58	0.59	0.59	0.59	0.59	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.60	10.76	10.92	11.08	11.25	11.42	11.59	11.76	11.94	12.12	12.30	12.48	12.67	12.86	13.05	13.25	13.45
3.45	3.44	3.45	3.46	3.46	3.45	3.46	3.47	3.49	3.51	3.53	3.56	3.59	3.62	3.64	3.67	3.70
2.78	2.86	2.95	3.03	3.10	3.17	3.24	3.31	3.38	3.45	3.52	3.60	3.67	3.75	3.82	3.89	3.96
209.89	213.67	217.88	221.25	223.84	225.81	227.87	229.70	231.52	233.33	234.91	236.23	237.87	239.27	240.42	241.45	242.57
0.06	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1280.93	1300.25	1324.00	1344.16	1356.06	1365.02	1376.29	1385.36	1398.46	1412.49	1425.89	1439.59	1455.10	1467.32	1475.74	1484.49	1495.12
316.47	319.99	321.98	323.57	336.26	336.94	337.95	339.19	340.45	341.86	343.26	344.69	346.30	347.63	348.71	349.79	350.95
243.05	245.82	249.62	252.80	254.35	255.21	256.63	257.57	258.82	259.98	261.10	262.30	264.08	264.99	265.07	265.20	265.54
<b>1354.35</b>	<b>1374.42</b>	<b>1396.36</b>	<b>1414.93</b>	<b>1437.97</b>	<b>1446.75</b>	<b>1457.61</b>	<b>1466.98</b>	<b>1480.09</b>	<b>1494.38</b>	<b>1508.05</b>	<b>1521.98</b>	<b>1537.32</b>	<b>1549.97</b>	<b>1559.37</b>	<b>1569.09</b>	<b>1580.52</b>
350.75	353.71	357.57	360.76	357.82	358.44	359.80	360.82	364.18	368.03	372.04	377.17	381.9	386.1	389.3	392.7	396.5
501.44	511.49	522.34	532.23	539.67	545.78	552.79	559.04	566.22	574.08	580.97	586.68	593.4	599.6	604.9	610.2	616.2
35.19	35.92	36.79	37.11	37.38	37.27	37.44	37.59	37.77	37.96	38.21	38.34	38.6	38.6	38.6	38.7	38.8
222.89	224.21	224.21	224.21	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.8	239.8	239.8	239.8	239.8
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	0.0	0.0
244.08	249.09	255.45	260.62	263.26	265.40	267.74	269.69	272.08	274.46	276.98	279.94	283.6	285.8	286.6	287.7	289.3

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>7.23</b>	<b>7.13</b>	<b>7.05</b>	<b>6.96</b>	<b>6.87</b>	<b>6.78</b>	<b>6.69</b>	<b>6.60</b>	<b>6.52</b>	<b>6.44</b>	<b>6.37</b>	<b>6.30</b>	<b>6.24</b>	<b>6.17</b>	<b>6.10</b>	<b>6.04</b>	<b>5.97</b>
1.22	1.20	1.19	1.17	1.15	1.14	1.12	1.11	1.09	1.07	1.06	1.04	1.03	1.01	0.99	0.98	0.96
0.80	0.79	0.79	0.78	0.77	0.76	0.76	0.75	0.74	0.74	0.73	0.73	0.73	0.72	0.72	0.71	0.71
4.03	3.94	3.86	3.78	3.70	3.63	3.56	3.49	3.43	3.37	3.32	3.27	3.23	3.18	3.14	3.09	3.04
2.48	2.46	2.44	2.41	2.39	2.37	2.35	2.33	2.30	2.28	2.26	2.24	2.21	2.19	2.17	2.15	2.13





	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>91.31</b>	<b>89.69</b>	<b>88.94</b>	<b>93.46</b>	<b>96.91</b>	<b>96.92</b>	<b>99.19</b>	<b>100.59</b>	<b>102.42</b>	<b>104.27</b>	<b>106.58</b>	<b>109.70</b>	<b>110.39</b>	<b>111.46</b>
Aviation Fuel	7.87	7.54	7.09	7.68	6.37	6.28	6.32	6.38	6.47	6.67	6.99	7.34	7.45	7.56
Diesel	32.43	31.66	30.79	33.79	37.11	37.22	38.47	39.03	40.23	40.95	41.64	43.06	42.99	43.39
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.57	0.48	0.30	0.33	0.32	0.30	0.29	0.27	0.25	0.23	0.21	0.20	0.18	0.16
Lubricants	0.52	0.52	0.63	0.66	0.54	0.55	0.57	0.59	0.61	0.62	0.64	0.66	0.68	0.69
Motor Gasoline	49.89	49.46	50.10	50.97	52.52	52.53	53.51	54.28	54.83	55.75	57.06	58.41	59.06	59.62
Natural Gas	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	257.38	246.31	256.50	256.09	261.59	264.07	269.58	272.00	274.72	278.72	283.09	288.64	290.66	292.39
Total Electric and Steam Energy Demand for Generation	124.29	123.71	108.03	83.25	103.47	117.41	115.88	119.86	121.53	125.01	127.72	128.64	134.57	135.49
Less Electricity and Steam Secondary Demand	57.55	58.10	59.75	61.85	62.64	63.58	65.37	66.18	66.88	67.79	68.64	69.56	70.10	70.23
<b>Total Primary Demand</b>	<b>324.12</b>	<b>311.92</b>	<b>304.78</b>	<b>277.49</b>	<b>302.42</b>	<b>317.90</b>	<b>320.09</b>	<b>325.68</b>	<b>329.38</b>	<b>335.94</b>	<b>342.18</b>	<b>347.72</b>	<b>355.13</b>	<b>357.65</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	86.67	76.45	84.80	79.05	80.80	84.06	85.08	85.31	84.96	85.74	86.67	87.61	88.35	88.77
RPP	102.95	101.79	101.71	104.83	107.59	109.01	110.19	114.70	117.68	122.31	126.55	130.06	130.59	131.70
Coal, Coke and Coke Oven Gas	12.64	7.07	6.18	12.26	7.49	10.97	10.94	10.90	10.92	10.96	10.98	11.01	11.04	11.06
Hydro	113.50	118.40	103.72	72.86	97.96	104.78	104.78	104.78	104.78	104.78	104.78	104.78	109.84	109.84
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	8.36	8.21	8.37	8.49	8.58	9.09	9.09	9.99	11.04	12.14	13.20	14.26	15.30	16.28

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>7.89</b>	<b>7.39</b>	<b>7.52</b>	<b>7.48</b>	<b>7.43</b>	<b>7.26</b>	<b>7.18</b>	<b>7.08</b>	<b>6.97</b>	<b>6.88</b>	<b>6.81</b>	<b>6.76</b>	<b>6.66</b>	<b>6.59</b>
Residential (PJ/Personal Income)	1.88	1.78	1.84	1.83	1.80	1.81	1.79	1.77	1.74	1.72	1.70	1.68	1.66	1.63
Commercial (PJ/GO)	1.77	1.56	1.66	1.51	1.49	1.48	1.45	1.42	1.38	1.36	1.34	1.31	1.29	1.28
Industrial (PJ/GO)	2.43	2.27	2.33	2.29	2.25	2.20	2.14	2.07	2.00	1.96	1.92	1.87	1.86	1.83
Transportation (PJ/GDP)	2.80	2.69	2.61	2.73	2.75	2.67	2.64	2.62	2.60	2.57	2.56	2.57	2.53	2.51

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>112.46</b>	<b>114.62</b>	<b>116.57</b>	<b>118.82</b>	<b>118.53</b>	<b>119.73</b>	<b>120.88</b>	<b>122.15</b>	<b>123.25</b>	<b>124.36</b>	<b>125.44</b>	<b>126.46</b>	<b>127.79</b>	<b>128.94</b>	<b>129.94</b>	<b>131.03</b>	<b>132.19</b>
7.67	7.86	8.05	8.28	8.40	8.55	8.70	8.85	9.00	9.15	9.30	9.45	9.63	9.81	9.98	10.16	10.34
43.79	44.72	45.53	46.37	45.70	46.22	46.78	47.39	47.93	48.49	49.04	49.61	50.28	50.87	51.39	51.97	52.61
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.15	0.13	0.12	0.11	0.10	0.09	0.08	0.07	0.06	0.06	0.05	0.04	0.04	0.04	0.03	0.03	0.02
0.70	0.72	0.74	0.76	0.77	0.79	0.80	0.82	0.83	0.85	0.86	0.88	0.90	0.91	0.93	0.94	0.96
60.12	61.16	62.09	63.26	63.52	64.04	64.48	64.98	65.39	65.78	66.15	66.44	66.90	67.27	67.58	67.89	68.22
0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
294.09	298.72	303.55	308.91	309.39	311.87	314.31	317.48	319.87	322.35	324.73	326.78	329.95	332.49	334.42	336.57	338.97
136.41	137.33	138.21	139.07	153.54	154.33	155.09	191.16	191.92	192.68	193.44	194.19	194.95	195.74	196.49	197.25	198.01
70.36	71.06	71.90	72.83	73.05	73.25	73.48	73.75	73.86	74.05	74.22	74.30	74.62	74.78	74.77	74.81	74.89
<b>360.14</b>	<b>364.99</b>	<b>369.86</b>	<b>375.15</b>	<b>389.88</b>	<b>392.95</b>	<b>395.91</b>	<b>434.89</b>	<b>437.93</b>	<b>440.97</b>	<b>443.95</b>	<b>446.68</b>	<b>450.28</b>	<b>453.45</b>	<b>456.14</b>	<b>459.02</b>	<b>462.09</b>

89.21	90.53	92.04	93.74	94.47	95.33	96.14	97.54	98.49	99.43	100.32	101.01	102.20	103.20	104.00	104.88	105.83
132.76	135.17	137.34	139.81	139.24	140.56	141.83	143.23	144.45	145.69	146.90	148.06	149.57	150.87	151.97	153.17	154.46
11.07	11.11	11.18	11.25	11.29	11.32	11.36	11.39	11.42	11.45	11.49	11.53	11.58	11.62	11.63	11.65	11.68
109.84	109.84	109.84	109.84	123.49	123.49	123.49	158.80	158.80	158.80	158.80	158.80	158.80	158.80	158.80	158.80	158.80
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17.26	18.35	19.45	20.51	21.40	22.27	23.10	23.93	24.77	25.60	26.44	27.27	28.14	28.95	29.73	30.52	31.32

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>6.52</b>	<b>6.45</b>	<b>6.38</b>	<b>6.32</b>	<b>6.22</b>	<b>6.15</b>	<b>6.09</b>	<b>5.98</b>	<b>5.91</b>	<b>5.85</b>	<b>5.79</b>	<b>5.73</b>	<b>5.67</b>	<b>5.62</b>	<b>5.57</b>	<b>5.52</b>	<b>5.47</b>
1.61	1.59	1.56	1.54	1.52	1.50	1.47	1.45	1.43	1.41	1.39	1.37	1.34	1.32	1.30	1.28	1.26
1.26	1.25	1.23	1.22	1.21	1.20	1.18	1.17	1.16	1.15	1.14	1.13	1.12	1.11	1.10	1.10	1.09
1.80	1.77	1.75	1.73	1.72	1.70	1.68	1.66	1.64	1.62	1.60	1.58	1.56	1.54	1.52	1.50	1.48
2.49	2.48	2.45	2.43	2.38	2.36	2.34	2.30	2.28	2.26	2.24	2.22	2.20	2.18	2.16	2.15	2.13

Table A2.5: Demand, Reference Case and Continuing Trends, New Brunswick

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	23.94	24.24	23.62	22.86	21.35	19.49	17.09	18.84	19.72	20.25	19.68	18.79	21.40	21.70
Natural Gas	9.71	9.81	9.49	9.37	9.64	10.53	11.51	11.52	12.19	11.25	10.39	10.29	10.18	10.06
Light Fuel Oil	13.40	13.15	12.25	13.93	13.87	17.51	18.66	16.63	15.33	14.18	13.14	13.02	12.88	12.73
<b>Commercial</b>														
Electricity	25.73	25.34	28.23	25.49	23.67	21.84	19.19	21.45	22.59	23.28	22.60	21.49	24.84	25.26
Natural Gas	7.20	7.18	6.53	6.67	6.87	7.95	9.12	9.23	9.92	8.99	8.16	8.08	7.99	7.90
Light Fuel Oil	13.40	13.15	12.25	13.93	14.10	17.73	18.86	16.82	15.52	14.37	13.33	13.20	13.06	12.92
<b>Industrial</b>														
Electricity	16.58	19.82	14.22	13.96	13.50	12.42	11.06	12.21	12.77	13.15	12.76	12.15	13.99	14.22
Natural Gas	4.61	4.69	5.23	5.21	5.33	6.52	7.80	7.96	8.66	7.75	6.92	6.86	6.78	6.71
Heavy Fuel Oil	9.36	9.17	8.54	9.72	9.77	13.70	15.14	13.25	11.98	10.86	9.85	9.76	9.65	9.55
<b>Transportation</b>														
Gasoline	28.80	28.43	28.82	28.82	28.82	31.43	31.55	28.99	27.57	26.32	25.17	24.93	24.65	24.38
Diesel	23.69	25.04	22.22	21.89	21.89	24.98	25.57	23.26	21.89	20.69	19.59	19.40	19.19	18.98

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>267.68</b>	<b>257.69</b>	<b>263.81</b>	<b>259.64</b>	<b>271.60</b>	<b>253.29</b>	<b>252.82</b>	<b>252.26</b>	<b>252.95</b>	<b>256.57</b>	<b>261.12</b>	<b>264.15</b>	<b>267.55</b>	<b>269.39</b>
RPP <sup>1,2</sup>	156.56	152.33	150.45	150.12	152.91	141.65	141.30	141.27	141.55	144.01	147.40	149.53	152.01	153.69
Electric	56.47	53.89	53.87	53.07	59.31	55.32	56.09	56.22	56.39	56.94	57.74	58.25	58.68	58.76
Natural Gas	0.34	0.34	2.76	2.42	3.57	3.25	3.38	3.78	4.00	4.21	4.49	4.72	4.96	5.16
Biofuels & Emerging Energy <sup>3</sup>	48.08	45.11	50.85	48.10	49.71	47.41	46.66	45.88	46.06	46.56	46.78	47.04	47.40	47.43
Other <sup>4</sup>	6.23	6.03	5.88	5.94	6.10	5.67	5.39	5.11	4.94	4.84	4.71	4.60	4.49	4.36
<b>Residential Sector</b>	<b>33.18</b>	<b>31.85</b>	<b>33.14</b>	<b>33.56</b>	<b>34.19</b>	<b>33.93</b>	<b>34.57</b>	<b>35.35</b>	<b>35.71</b>	<b>36.13</b>	<b>37.00</b>	<b>37.36</b>	<b>37.70</b>	<b>37.80</b>
Biomass	6.39	6.44	6.63	6.54	6.65	6.60	6.66	6.71	6.72	6.75	6.84	6.84	6.89	6.90
Electricity	17.92	17.87	18.68	19.26	19.87	19.75	20.28	20.71	20.96	21.21	21.73	21.95	22.17	22.23
Natural Gas	0.00	0.00	0.00	0.57	0.76	0.73	0.75	1.01	1.12	1.22	1.35	1.47	1.59	1.69
RPP	8.87	7.54	7.84	7.18	6.91	6.86	6.88	6.92	6.91	6.95	7.07	7.10	7.05	6.97
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Commercial Sector</b>	<b>19.47</b>	<b>18.64</b>	<b>18.59</b>	<b>20.00</b>	<b>25.32</b>	<b>21.58</b>	<b>21.86</b>	<b>22.01</b>	<b>22.03</b>	<b>22.16</b>	<b>22.64</b>	<b>22.95</b>	<b>23.35</b>	<b>23.64</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	10.23	9.87	9.86	10.24	10.47	9.81	9.92	9.91	9.82	9.77	9.85	9.86	9.87	9.84
Natural Gas	0.00	0.00	0.00	0.81	0.96	0.89	1.00	1.13	1.23	1.32	1.43	1.53	1.63	1.72
RPP	9.24	8.77	8.73	8.95	13.90	10.88	10.94	10.97	10.98	11.08	11.36	11.56	11.85	12.08
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Industrial Sector</b>	<b>138.19</b>	<b>131.07</b>	<b>136.07</b>	<b>130.19</b>	<b>134.53</b>	<b>121.54</b>	<b>119.72</b>	<b>117.77</b>	<b>117.89</b>	<b>119.75</b>	<b>120.98</b>	<b>122.08</b>	<b>123.40</b>	<b>124.11</b>
Biomass	41.69	38.67	44.22	41.56	43.06	40.81	40.00	39.16	39.34	39.82	39.94	40.20	40.51	40.54
Coal, Coke & Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	28.32	26.15	25.34	23.56	28.97	25.77	25.89	25.60	25.61	25.96	26.16	26.44	26.64	26.68
Natural Gas	0.34	0.34	2.76	1.03	1.85	1.62	1.63	1.64	1.65	1.68	1.70	1.72	1.74	1.75
LPG & Petroleum Feedstocks	15.88	15.49	14.92	15.42	15.54	13.51	13.66	13.87	14.17	14.71	15.22	15.55	15.97	16.38
RPP	32.92	26.35	24.91	25.56	24.81	22.20	21.42	20.66	20.31	20.46	20.56	20.62	20.76	20.78
Still Gas & Petroleum Coke	12.82	18.05	18.05	17.11	14.20	11.95	11.74	11.73	11.87	12.28	12.69	12.94	13.28	13.63
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	6.23	6.03	5.88	5.94	6.10	5.67	5.39	5.11	4.94	4.84	4.71	4.60	4.49	4.35

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
22.31	22.27	22.30	22.35	22.45	22.18	22.49	22.90	23.39	23.96	24.62	25.36	25.05	26.02	27.17	28.42	29.99
9.95	9.86	9.78	9.70	9.63	9.57	9.53	9.49	9.46	9.43	9.39	9.36	9.33	9.29	9.26	9.23	9.20
12.59	12.47	12.37	12.27	12.18	12.11	12.06	12.01	11.97	11.93	11.88	11.84	11.80	11.76	11.72	11.68	11.64
26.07	26.06	26.12	26.22	26.38	26.05	26.47	27.01	27.66	28.41	29.27	30.23	29.85	31.11	32.58	34.18	36.20
7.82	7.74	7.68	7.62	7.56	7.52	7.48	7.45	7.43	7.40	7.38	7.35	7.32	7.30	7.27	7.25	7.22
12.78	12.65	12.55	12.45	12.36	12.29	12.23	12.18	12.14	12.10	12.05	12.01	11.97	11.93	11.89	11.85	11.80
14.65	14.64	14.67	14.72	14.81	14.62	14.85	15.15	15.50	15.90	16.37	16.90	16.69	17.37	18.18	19.06	20.16
6.63	6.57	6.51	6.46	6.42	6.38	6.35	6.33	6.30	6.28	6.26	6.24	6.22	6.19	6.17	6.15	6.13
9.44	9.35	9.27	9.20	9.13	9.08	9.04	9.00	8.97	8.94	8.91	8.88	8.85	8.82	8.78	8.75	8.72
24.12	23.88	23.69	23.50	23.33	23.19	23.09	23.00	22.92	22.84	22.76	22.68	22.60	22.52	22.44	22.36	22.28
18.77	18.59	18.44	18.29	18.16	18.06	17.97	17.90	17.84	17.78	17.72	17.65	17.59	17.53	17.47	17.41	17.35

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>271.06</b>	<b>275.18</b>	<b>279.83</b>	<b>283.71</b>	<b>285.72</b>	<b>287.34</b>	<b>289.12</b>	<b>290.60</b>	<b>292.68</b>	<b>294.75</b>	<b>296.91</b>	<b>299.09</b>	<b>302.29</b>	<b>304.55</b>	<b>305.89</b>	<b>307.31</b>	<b>309.02</b>
155.38	158.50	161.58	164.13	165.74	167.18	168.67	170.06	171.90	173.77	175.66	177.53	179.91	181.92	183.55	185.23	187.05
58.72	59.17	59.81	60.31	60.42	60.46	60.53	60.53	60.59	60.61	60.64	60.65	60.87	60.87	60.67	60.45	60.25
5.35	5.58	5.82	6.06	6.23	6.39	6.56	6.70	6.86	7.01	7.17	7.30	7.46	7.60	7.72	7.84	7.97
47.39	47.79	48.54	49.18	49.37	49.43	49.55	49.56	49.65	49.73	49.84	50.04	50.48	50.61	50.44	50.31	50.29
4.22	4.13	4.09	4.04	3.96	3.88	3.81	3.74	3.69	3.64	3.60	3.57	3.57	3.55	3.51	3.49	3.47
<b>37.81</b>	<b>38.14</b>	<b>38.44</b>	<b>38.65</b>	<b>38.74</b>	<b>38.77</b>	<b>38.79</b>	<b>38.82</b>	<b>38.85</b>	<b>38.85</b>	<b>38.84</b>	<b>38.78</b>	<b>38.83</b>	<b>38.84</b>	<b>38.81</b>	<b>38.75</b>	<b>38.70</b>
6.89	6.95	7.00	7.03	7.04	7.03	7.03	7.03	7.03	7.03	7.03	7.02	7.03	7.04	7.04	7.04	7.05
22.24	22.41	22.57	22.67	22.70	22.70	22.69	22.68	22.66	22.61	22.55	22.46	22.43	22.36	22.27	22.14	22.00
1.79	1.91	2.02	2.13	2.23	2.31	2.40	2.48	2.56	2.63	2.70	2.77	2.84	2.91	2.98	3.04	3.11
6.89	6.87	6.85	6.82	6.77	6.72	6.67	6.64	6.60	6.58	6.55	6.53	6.52	6.52	6.52	6.52	6.54
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>23.91</b>	<b>24.37</b>	<b>24.88</b>	<b>25.39</b>	<b>25.69</b>	<b>26.01</b>	<b>26.34</b>	<b>26.65</b>	<b>26.98</b>	<b>27.29</b>	<b>27.66</b>	<b>27.93</b>	<b>28.25</b>	<b>28.52</b>	<b>28.76</b>	<b>28.99</b>	<b>29.21</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9.81	9.85	9.91	9.97	9.97	9.98	9.99	10.01	10.03	10.05	10.09	10.10	10.13	10.14	10.14	10.14	10.13
1.80	1.89	1.99	2.09	2.16	2.22	2.29	2.34	2.40	2.45	2.51	2.56	2.60	2.64	2.68	2.71	2.75
12.31	12.63	12.97	13.32	13.56	13.81	14.06	14.30	14.55	14.79	15.06	15.28	15.52	15.74	15.94	16.13	16.33
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>124.69</b>	<b>126.53</b>	<b>128.99</b>	<b>130.91</b>	<b>131.76</b>	<b>132.32</b>	<b>133.04</b>	<b>133.54</b>	<b>134.41</b>	<b>135.29</b>	<b>136.21</b>	<b>137.37</b>	<b>139.13</b>	<b>140.21</b>	<b>140.58</b>	<b>141.07</b>	<b>141.80</b>
40.49	40.85	41.54	42.15	42.33	42.40	42.52	42.53	42.61	42.69	42.81	43.02	43.45	43.57	43.39	43.26	43.24
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26.68	26.91	27.33	27.66	27.75	27.78	27.85	27.85	27.90	27.95	28.00	28.09	28.31	28.37	28.26	28.17	28.11
1.75	1.77	1.81	1.83	1.85	1.85	1.87	1.88	1.90	1.93	1.95	1.98	2.01	2.04	2.06	2.08	2.11
16.76	17.30	17.83	18.22	18.51	18.75	19.01	19.26	19.55	19.84	20.12	20.42	20.79	21.11	21.37	21.64	21.93
20.83	21.17	21.57	21.86	22.00	22.09	22.20	22.28	22.51	22.76	23.02	23.33	23.73	24.02	24.21	24.42	24.68
13.95	14.39	14.83	15.14	15.38	15.57	15.79	16.00	16.25	16.49	16.71	16.96	17.27	17.54	17.77	18.00	18.25
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.22	4.13	4.09	4.04	3.96	3.88	3.81	3.74	3.69	3.64	3.60	3.57	3.57	3.55	3.52	3.49	3.47

## National Energy Board

## Canada's Energy Future – Appendices

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>76.84</b>	<b>76.13</b>	<b>76.01</b>	<b>75.88</b>	<b>77.55</b>	<b>76.24</b>	<b>76.66</b>	<b>77.13</b>	<b>77.32</b>	<b>78.53</b>	<b>80.51</b>	<b>81.76</b>	<b>83.09</b>	<b>83.85</b>
Aviation Fuel	3.07	2.90	2.25	2.40	2.43	2.40	2.37	2.36	2.37	2.40	2.50	2.57	2.61	2.63
Diesel	37.15	35.88	35.50	34.92	36.57	35.69	36.16	36.48	36.47	37.21	38.08	38.71	39.42	39.87
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.45	0.78	0.80	0.78	0.85	0.86	0.87	0.89	0.90	0.91	0.93	0.94	0.95	0.97
LPG	0.11	0.13	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
Lubricants	0.42	0.34	0.31	0.23	0.25	0.25	0.25	0.26	0.27	0.27	0.28	0.29	0.29	0.30
Motor Gasoline	35.64	36.10	37.12	37.53	37.43	37.02	36.99	37.13	37.30	37.71	38.71	39.23	39.81	40.07
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	267.68	257.69	263.81	259.64	271.60	253.29	252.82	252.26	252.95	256.57	261.12	264.15	267.55	269.39
Total Electric and Steam Energy Demand for Generation	181.37	202.82	175.42	177.22	220.55	179.53	186.49	184.12	172.55	132.06	164.74	170.87	169.01	168.40
Less Electricity and Steam Secondary Demand	62.71	59.92	59.75	59.00	65.41	60.99	61.47	61.34	61.33	61.79	62.45	62.85	63.17	63.11
<b>Total Primary Demand</b>	<b>386.35</b>	<b>400.60</b>	<b>379.47</b>	<b>377.86</b>	<b>426.73</b>	<b>371.83</b>	<b>377.83</b>	<b>375.04</b>	<b>364.16</b>	<b>326.85</b>	<b>363.41</b>	<b>372.17</b>	<b>373.38</b>	<b>374.68</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	0.34	0.34	2.76	2.42	17.11	15.67	15.81	16.20	16.42	16.64	16.91	17.15	17.39	17.58
RPP	243.75	253.96	233.93	220.72	263.49	198.26	204.87	201.81	204.40	212.70	214.88	212.60	216.78	217.82
Coal, Coke and Coke Oven Gas	36.40	41.13	40.26	39.97	35.71	37.65	37.65	37.65	37.65	34.29	26.34	26.34	22.50	22.50
Hydro	11.85	7.63	8.10	11.63	10.84	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08
Nuclear	45.93	52.43	43.58	55.01	49.87	58.18	58.18	58.18	43.63	0.00	41.17	51.05	50.67	50.03
Biofuels & Emerging Energy	48.08	45.11	50.85	48.10	49.71	52.00	51.24	51.12	51.97	53.14	54.02	54.94	55.97	56.66
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>14.15</b>	<b>13.44</b>	<b>13.34</b>	<b>13.20</b>	<b>13.34</b>	<b>12.39</b>	<b>12.05</b>	<b>11.83</b>	<b>11.70</b>	<b>11.62</b>	<b>11.52</b>	<b>11.42</b>	<b>11.32</b>	<b>11.22</b>
Residential (PJ/Personal Income)	2.00	1.91	2.01	2.04	2.05	2.01	1.99	1.98	1.96	1.94	1.91	1.89	1.86	1.84
Commercial (PJ/GO)	0.92	0.86	0.84	0.92	1.16	0.94	0.93	0.91	0.90	0.90	0.89	0.89	0.89	0.88
Industrial (PJ/GO)	8.34	7.62	7.49	7.67	6.26	6.20	6.03	5.88	5.79	5.69	5.60	5.53	5.45	5.39
Transportation (PJ/GDP)	4.06	3.97	3.84	3.86	3.81	3.73	3.65	3.62	3.58	3.56	3.55	3.54	3.52	3.49

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

## National Energy Board

## Canada's Energy Future – Appendices

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>84.64</b>	<b>86.14</b>	<b>87.54</b>	<b>88.76</b>	<b>89.52</b>	<b>90.24</b>	<b>90.94</b>	<b>91.58</b>	<b>92.44</b>	<b>93.32</b>	<b>94.20</b>	<b>95.01</b>	<b>96.08</b>	<b>96.98</b>	<b>97.74</b>	<b>98.50</b>	<b>99.32</b>
2.66	2.71	2.76	2.81	2.85	2.89	2.93	2.98	3.02	3.07	3.12	3.16	3.22	3.28	3.34	3.39	3.45
40.35	41.22	42.04	42.70	43.15	43.54	43.96	44.33	44.91	45.52	46.14	46.75	47.45	48.05	48.56	49.09	49.66
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.98	1.00	1.01	1.03	1.04	1.06	1.07	1.09	1.11	1.12	1.14	1.16	1.17	1.19	1.21	1.23	1.25
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.30	0.31	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.36	0.36	0.37	0.38	0.38	0.39	0.39	0.40
40.34	40.90	41.40	41.89	42.15	42.41	42.63	42.83	43.04	43.24	43.44	43.57	43.85	44.07	44.24	44.40	44.55
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
271.06	275.18	279.83	283.71	285.72	287.34	289.12	290.60	292.68	294.75	296.91	299.09	302.29	304.55	305.89	307.31	309.02
167.69	167.84	178.00	178.92	169.99	170.11	170.14	169.97	169.91	169.87	190.83	190.74	191.43	191.42	189.91	189.48	189.08
62.95	63.31	63.90	64.34	64.38	64.34	64.34	64.27	64.27	64.25	64.24	64.22	64.44	64.43	64.18	63.93	63.72
<b>375.81</b>	<b>379.72</b>	<b>393.93</b>	<b>398.28</b>	<b>391.33</b>	<b>393.11</b>	<b>394.92</b>	<b>396.30</b>	<b>398.32</b>	<b>400.37</b>	<b>423.51</b>	<b>425.62</b>	<b>429.28</b>	<b>431.53</b>	<b>431.61</b>	<b>432.86</b>	<b>434.38</b>
17.77	18.00	18.25	18.48	18.65	18.82	18.98	19.13	19.28	19.43	19.59	19.73	19.88	20.02	26.13	26.25	26.38
218.76	221.72	234.41	221.04	220.21	221.87	223.39	224.71	226.53	228.37	194.67	196.51	199.36	201.41	195.79	197.29	198.94
22.50	22.50	22.50	38.86	32.24	32.07	31.91	31.74	31.58	31.43	22.27	22.27	22.27	22.27	22.27	22.27	22.27
10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08
49.42	49.06	49.06	49.11	48.93	48.72	48.63	48.45	48.34	48.22	113.69	113.39	113.36	113.06	112.57	112.08	111.59
57.28	58.35	59.64	60.71	61.21	61.56	61.92	62.17	62.51	62.83	63.20	63.64	64.33	64.70	64.78	64.90	65.13

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>11.12</b>	<b>11.03</b>	<b>10.94</b>	<b>10.84</b>	<b>10.75</b>	<b>10.65</b>	<b>10.56</b>	<b>10.46</b>	<b>10.37</b>	<b>10.28</b>	<b>10.18</b>	<b>10.10</b>	<b>10.04</b>	<b>9.97</b>	<b>9.89</b>	<b>9.81</b>	<b>9.74</b>
1.81	1.78	1.75	1.72	1.70	1.67	1.64	1.62	1.59	1.56	1.54	1.51	1.49	1.46	1.43	1.41	1.38
0.88	0.88	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.86	0.86	0.86	0.86	0.85	0.85	0.85	0.85
5.33	5.25	5.19	5.15	5.10	5.05	5.01	4.96	4.91	4.85	4.80	4.75	4.70	4.65	4.60	4.55	4.50
3.47	3.45	3.42	3.39	3.37	3.35	3.32	3.30	3.28	3.25	3.23	3.21	3.19	3.17	3.16	3.15	3.13



2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
21.61	21.37	21.09	20.36	20.17	20.14	20.18	20.23	20.34	20.40	20.46	20.51	20.57	20.60	20.63	20.66	20.72
9.95	9.86	9.78	9.70	9.63	9.57	9.53	9.49	9.46	9.43	9.39	9.36	9.33	9.29	9.26	9.23	9.20
13.35	13.23	13.12	13.01	12.92	12.84	12.79	12.74	12.69	12.65	12.60	12.56	12.51	12.47	12.43	12.38	12.34
18.83	18.63	18.41	17.70	17.54	17.55	17.64	17.73	17.88	17.98	18.08	18.17	18.27	18.33	18.39	18.46	18.56
7.82	7.74	7.68	7.62	7.56	7.52	7.48	7.45	7.43	7.40	7.38	7.35	7.32	7.30	7.27	7.25	7.22
13.55	13.42	13.31	13.20	13.10	13.03	12.97	12.92	12.88	12.83	12.78	12.74	12.69	12.65	12.61	12.56	12.52
12.95	12.89	12.75	11.78	11.71	11.89	12.16	12.44	12.82	13.10	13.41	13.68	13.96	14.18	14.41	14.65	14.94
6.63	6.57	6.51	6.46	6.42	6.38	6.35	6.33	6.30	6.28	6.26	6.24	6.22	6.19	6.17	6.15	6.13
9.97	9.87	9.79	9.71	9.64	9.59	9.54	9.51	9.47	9.44	9.41	9.37	9.34	9.31	9.28	9.24	9.21
25.93	25.68	25.47	25.27	25.08	24.94	24.83	24.73	24.64	24.56	24.47	24.38	24.30	24.21	24.13	24.04	23.96
19.43	19.24	19.08	18.93	18.80	18.69	18.60	18.53	18.47	18.40	18.33	18.27	18.21	18.14	18.08	18.02	17.95

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>170.69</b>	<b>175.13</b>	<b>181.26</b>	<b>180.38</b>	<b>177.49</b>	<b>172.93</b>	<b>168.66</b>	<b>165.18</b>	<b>162.42</b>	<b>163.38</b>	<b>161.39</b>	<b>159.48</b>	<b>158.82</b>	<b>158.26</b>	<b>157.79</b>	<b>156.58</b>	<b>156.04</b>
99.00	99.71	102.14	101.83	101.49	100.63	99.79	99.25	98.99	101.06	100.99	100.95	101.33	101.68	102.00	102.14	102.47
38.52	39.60	40.73	40.34	39.78	38.89	38.06	37.37	36.79	36.23	35.77	35.32	35.09	34.86	34.62	34.24	33.98
19.65	22.23	24.59	23.25	21.28	18.54	16.01	13.83	11.96	10.21	8.80	7.42	6.61	5.98	5.51	4.63	4.09
9.97	10.07	10.27	10.39	10.38	10.32	10.27	10.23	10.21	10.33	10.31	10.29	10.30	10.28	10.23	10.18	10.14
3.55	3.52	3.54	4.56	4.56	4.55	4.53	4.50	4.47	5.54	5.52	5.51	5.50	5.47	5.44	5.39	5.35
<b>26.01</b>	<b>26.21</b>	<b>26.74</b>	<b>26.25</b>	<b>26.02</b>	<b>25.63</b>	<b>25.25</b>	<b>25.00</b>	<b>24.78</b>	<b>24.61</b>	<b>24.41</b>	<b>24.19</b>	<b>24.07</b>	<b>23.95</b>	<b>23.84</b>	<b>23.68</b>	<b>23.55</b>
4.57	4.62	4.73	4.65	4.62	4.55	4.49	4.46	4.43	4.40	4.37	4.34	4.33	4.31	4.30	4.27	4.26
14.83	14.94	15.24	14.96	14.83	14.62	14.41	14.27	14.15	14.06	13.95	13.82	13.75	13.69	13.62	13.53	13.46
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.61	6.65	6.78	6.64	6.57	6.46	6.35	6.27	6.20	6.15	6.09	6.03	5.99	5.95	5.92	5.87	5.83
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>15.35</b>	<b>15.94</b>	<b>16.25</b>	<b>16.49</b>	<b>16.49</b>	<b>16.44</b>	<b>16.40</b>	<b>16.38</b>	<b>16.39</b>	<b>16.43</b>	<b>16.45</b>	<b>16.45</b>	<b>16.49</b>	<b>16.53</b>	<b>16.56</b>	<b>16.58</b>	<b>16.61</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.48	8.82	8.98	9.10	9.08	9.03	8.99	8.95	8.93	8.93	8.91	8.89	8.88	8.87	8.86	8.83	8.82
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.87	7.13	7.28	7.39	7.40	7.40	7.41	7.43	7.46	7.50	7.54	7.57	7.61	7.66	7.71	7.74	7.79
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>68.64</b>	<b>72.22</b>	<b>76.05</b>	<b>77.71</b>	<b>75.52</b>	<b>72.23</b>	<b>69.21</b>	<b>66.58</b>	<b>64.42</b>	<b>65.69</b>	<b>64.14</b>	<b>62.69</b>	<b>62.08</b>	<b>61.53</b>	<b>61.03</b>	<b>60.01</b>	<b>59.45</b>
5.40	5.45	5.54	5.74	5.76	5.77	5.78	5.78	5.78	5.93	5.93	5.94	5.97	5.97	5.93	5.90	5.88
3.55	3.52	3.54	3.67	3.66	3.62	3.59	3.55	3.51	3.61	3.57	3.55	3.53	3.50	3.46	3.41	3.37
15.22	15.84	16.51	16.28	15.86	15.24	14.67	14.14	13.71	13.24	12.91	12.61	12.46	12.30	12.13	11.88	11.70
19.65	22.23	24.59	23.25	21.28	18.54	16.01	13.83	11.96	10.21	8.80	7.42	6.61	5.98	5.51	4.63	4.09
1.31	1.46	1.59	1.69	1.63	1.52	1.41	1.33	1.25	1.32	1.27	1.22	1.20	1.18	1.17	1.14	1.12
12.89	12.74	12.94	14.58	14.63	14.64	14.66	14.67	14.72	16.73	16.79	16.87	16.99	17.06	17.10	17.13	17.17
10.62	10.98	11.34	11.60	11.80	11.97	12.15	12.33	12.52	12.72	12.91	13.11	13.36	13.57	13.75	13.93	14.13
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.89	0.91	0.93	0.94	0.95	0.96	1.94	1.95	1.96	1.97	1.97	1.98	1.98	1.98

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>49.29</b>	<b>49.23</b>	<b>49.60</b>	<b>52.60</b>	<b>52.32</b>	<b>51.90</b>	<b>53.59</b>	<b>54.56</b>	<b>56.98</b>	<b>56.37</b>	<b>55.65</b>	<b>54.99</b>	<b>55.45</b>	<b>57.60</b>
Aviation Fuel	5.94	5.93	5.26	7.29	7.91	7.72	7.83	7.89	8.10	8.00	7.94	7.88	7.96	8.27
Diesel	22.80	22.75	23.35	24.06	24.37	24.29	25.17	25.65	27.14	26.87	26.49	26.13	26.39	27.51
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lubricants	0.11	0.10	0.11	0.09	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Motor Gasoline	20.42	20.43	20.88	21.16	19.97	19.80	20.50	20.93	21.65	21.40	21.12	20.89	21.00	21.71
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	137.12	140.09	166.57	165.32	154.38	152.50	156.39	164.28	167.89	163.08	158.19	154.00	155.12	164.42
Total Electric and Steam Energy Demand for Generation	165.15	163.75	175.64	165.70	161.75	172.03	174.68	178.63	181.72	179.18	176.42	174.11	169.24	172.57
Less Electricity and Steam Secondary Demand	36.03	35.83	36.32	36.78	35.92	36.28	37.25	38.73	39.15	38.13	37.00	36.05	36.20	37.85
<b>Total Primary Demand</b>	<b>266.24</b>	<b>268.01</b>	<b>305.88</b>	<b>294.25</b>	<b>280.21</b>	<b>288.25</b>	<b>293.82</b>	<b>304.18</b>	<b>310.46</b>	<b>304.14</b>	<b>297.61</b>	<b>292.06</b>	<b>288.16</b>	<b>299.14</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	6.48	6.98	28.04	21.42	18.47	20.07	20.80	25.91	25.57	22.10	18.77	16.07	16.04	20.50
RPP	92.46	108.09	113.87	113.90	104.36	108.48	113.09	117.99	125.33	122.38	119.14	116.24	112.00	117.79
Coal, Coke and Coke Oven Gas	4.57	3.47	3.48	4.14	3.73	3.47	3.61	3.59	3.64	3.62	3.64	3.63	3.61	3.58
Hydro	154.23	141.20	150.66	144.94	144.31	146.74	146.74	146.74	145.81	145.58	145.33	145.13	145.11	145.37
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	8.51	8.27	9.83	9.85	9.35	9.49	9.57	9.94	10.10	10.46	10.73	11.00	11.40	11.91
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>11.36</b>	<b>11.43</b>	<b>12.27</b>	<b>11.90</b>	<b>10.96</b>	<b>10.92</b>	<b>10.55</b>	<b>10.75</b>	<b>10.61</b>	<b>10.37</b>	<b>10.21</b>	<b>10.09</b>	<b>10.01</b>	<b>10.05</b>
Residential (PJ/Personal Income)	1.95	1.98	2.09	2.01	1.87	1.97	1.95	1.92	1.90	1.88	1.85	1.83	1.81	1.79
Commercial (PJ/GO)	0.91	0.96	1.01	1.08	1.05	1.03	1.01	1.00	0.98	0.97	0.96	0.96	0.95	0.94
Industrial (PJ/GO)	7.02	6.65	8.63	8.66	6.86	6.51	6.43	6.73	6.04	5.70	5.39	5.14	5.10	5.42
Transportation (PJ/GDP)	4.08	4.02	3.65	3.79	3.71	3.72	3.62	3.57	3.60	3.58	3.59	3.60	3.58	3.52

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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## Canada's Energy Future – Appendices

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>60.70</b>	<b>60.76</b>	<b>62.21</b>	<b>59.94</b>	<b>59.47</b>	<b>58.64</b>	<b>57.81</b>	<b>57.22</b>	<b>56.82</b>	<b>56.64</b>	<b>56.39</b>	<b>56.15</b>	<b>56.19</b>	<b>56.25</b>	<b>56.35</b>	<b>56.32</b>	<b>56.43</b>
8.53	8.65	8.87	8.74	8.70	8.61	8.50	8.42	8.36	8.33	8.29	8.25	8.27	8.29	8.33	8.35	8.38
29.73	29.48	30.27	28.61	28.41	28.03	27.69	27.46	27.37	27.40	27.41	27.44	27.59	27.76	27.94	28.06	28.26
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11
22.33	22.52	22.96	22.48	22.25	21.90	21.52	21.23	20.99	20.80	20.59	20.35	20.22	20.09	19.97	19.81	19.68
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
170.69	175.13	181.26	180.38	177.49	172.93	168.66	165.18	162.42	163.38	161.39	159.48	158.82	158.26	157.79	156.58	156.04
174.00	219.08	221.70	220.72	219.47	217.64	215.09	213.90	212.89	211.93	211.15	210.39	210.00	209.63	209.26	208.62	208.22
38.52	39.60	40.73	41.23	40.69	39.82	39.00	38.32	37.76	38.17	37.72	37.28	37.06	36.83	36.60	36.22	35.97
<b>306.17</b>	<b>354.61</b>	<b>362.24</b>	<b>359.87</b>	<b>356.27</b>	<b>350.75</b>	<b>344.75</b>	<b>340.76</b>	<b>337.56</b>	<b>337.14</b>	<b>334.82</b>	<b>332.59</b>	<b>331.76</b>	<b>331.06</b>	<b>330.45</b>	<b>328.98</b>	<b>328.29</b>
21.83	24.42	26.80	25.46	23.47	20.71	25.24	22.96	21.00	19.09	17.50	15.88	14.75	13.82	13.06	11.72	10.88
122.97	125.39	129.94	128.47	126.79	124.13	113.71	112.07	110.86	112.10	111.38	110.77	110.98	111.15	111.30	111.19	111.34
3.55	3.52	3.54	3.67	3.66	3.62	3.59	3.55	3.51	3.61	3.57	3.55	3.53	3.50	3.46	3.41	3.37
145.44	188.44	188.60	188.52	188.39	188.21	188.05	187.92	187.79	187.68	187.59	187.50	187.44	187.39	187.34	187.26	187.21
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.37	12.83	13.36	13.75	13.96	14.08	14.17	14.27	14.39	14.66	14.78	14.90	15.06	15.20	15.30	15.39	15.50
<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
<b>10.02</b>	<b>9.95</b>	<b>9.94</b>	<b>9.93</b>	<b>9.83</b>	<b>9.70</b>	<b>9.58</b>	<b>9.47</b>	<b>9.35</b>	<b>9.40</b>	<b>9.29</b>	<b>9.19</b>	<b>9.11</b>	<b>9.03</b>	<b>8.96</b>	<b>8.88</b>	<b>8.80</b>
1.76	1.74	1.72	1.69	1.67	1.65	1.63	1.62	1.60	1.58	1.56	1.54	1.52	1.49	1.47	1.45	1.43
0.94	0.93	0.92	0.91	0.91	0.91	0.90	0.89	0.89	0.89	0.89	0.88	0.88	0.88	0.87	0.87	0.86
4.93	5.42	5.55	6.17	6.00	5.77	5.55	5.33	5.14	5.08	4.92	4.77	4.66	4.56	4.48	4.36	4.27
3.56	3.45	3.41	3.30	3.29	3.29	3.28	3.28	3.27	3.26	3.25	3.23	3.22	3.21	3.20	3.19	3.18



2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
92.19	92.40	95.64	101.42	104.70	104.74	104.95	105.25	105.64	105.92	106.07	106.51	107.93	111.36	111.93	112.56	113.29
9.34	9.25	9.17	9.10	9.03	8.98	8.94	8.90	8.87	8.84	8.81	8.78	8.75	8.72	8.69	8.66	8.63
15.12	14.97	14.85	14.73	14.62	14.54	14.47	14.42	14.37	14.32	14.27	14.22	14.17	14.12	14.07	14.02	13.97
74.22	74.44	77.23	82.13	84.92	84.98	85.18	85.45	85.81	86.07	86.21	86.61	87.82	90.71	91.22	91.77	92.40
8.22	8.14	8.07	8.01	7.95	7.90	7.87	7.83	7.81	7.78	7.75	7.73	7.70	7.67	7.64	7.62	7.59
15.32	15.18	15.05	14.93	14.82	14.74	14.67	14.61	14.56	14.51	14.46	14.41	14.36	14.31	14.26	14.21	14.16
36.10	36.16	37.28	39.41	40.63	40.62	40.68	40.77	40.91	41.00	41.03	41.18	41.70	43.00	43.21	43.43	43.69
7.50	7.42	7.36	7.30	7.25	7.21	7.18	7.15	7.12	7.10	7.07	7.05	7.02	7.00	6.97	6.95	6.93
10.75	10.65	10.56	10.48	10.40	10.34	10.30	10.26	10.22	10.18	10.15	10.11	10.08	10.04	10.01	9.97	9.94
27.75	27.48	27.25	27.04	26.84	26.68	26.56	26.46	26.37	26.28	26.18	26.09	26.00	25.91	25.82	25.73	25.64
21.44	21.23	21.06	20.89	20.74	20.62	20.52	20.44	20.37	20.30	20.23	20.16	20.09	20.02	19.95	19.88	19.81

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>17.60</b>	<b>45.46</b>	<b>59.15</b>	<b>59.42</b>	<b>59.60</b>	<b>59.73</b>	<b>60.18</b>	<b>60.32</b>	<b>60.73</b>	<b>61.49</b>	<b>61.82</b>	<b>85.12</b>	<b>85.04</b>	<b>85.23</b>	<b>85.35</b>	<b>85.43</b>	<b>85.58</b>
12.67	14.15	15.01	15.20	15.33	15.42	15.64	15.75	16.11	16.81	17.11	17.89	17.78	17.93	18.03	18.09	18.22
2.41	3.31	3.68	3.66	3.63	3.59	3.59	3.57	3.55	3.55	3.53	3.98	3.96	3.93	3.90	3.87	3.85
2.27	26.07	37.60	37.58	37.57	37.55	37.70	37.70	37.72	37.73	37.73	57.90	57.91	57.92	57.93	57.94	57.96
0.24	0.51	0.66	0.68	0.70	0.72	0.73	0.74	0.75	0.77	0.78	1.07	1.08	1.09	1.10	1.11	1.12
0.00	1.40	2.20	2.30	2.38	2.45	2.51	2.56	2.61	2.64	2.67	4.28	4.32	4.35	4.38	4.41	4.44
<b>2.49</b>	<b>2.63</b>	<b>2.70</b>	<b>2.73</b>	<b>2.75</b>	<b>2.76</b>	<b>2.79</b>	<b>2.80</b>	<b>2.84</b>	<b>2.90</b>	<b>2.93</b>	<b>2.99</b>	<b>2.99</b>	<b>3.02</b>	<b>3.03</b>	<b>3.04</b>	<b>3.06</b>
0.24	0.26	0.27	0.27	0.27	0.28	0.28	0.28	0.29	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.32
0.48	0.51	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53	0.53	0.54	0.54	0.54	0.54	0.54	0.55
0.12	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05
1.64	1.74	1.80	1.83	1.86	1.87	1.90	1.91	1.95	2.00	2.02	2.07	2.07	2.09	2.11	2.12	2.14
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>3.85</b>	<b>4.04</b>	<b>4.17</b>	<b>4.25</b>	<b>4.31</b>	<b>4.35</b>	<b>4.43</b>	<b>4.50</b>	<b>4.59</b>	<b>4.69</b>	<b>4.78</b>	<b>4.88</b>	<b>4.95</b>	<b>5.03</b>	<b>5.10</b>	<b>5.17</b>	<b>5.24</b>
0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03
0.79	0.82	0.84	0.84	0.84	0.84	0.85	0.85	0.86	0.87	0.87	0.88	0.88	0.88	0.88	0.88	0.89
1.27	1.32	1.35	1.37	1.39	1.40	1.42	1.44	1.46	1.49	1.52	1.54	1.56	1.58	1.60	1.62	1.64
1.78	1.88	1.96	2.01	2.05	2.09	2.14	2.19	2.24	2.31	2.36	2.41	2.45	2.50	2.55	2.59	2.64
0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.03	0.03
<b>2.86</b>	<b>29.86</b>	<b>42.99</b>	<b>43.07</b>	<b>43.12</b>	<b>43.16</b>	<b>43.39</b>	<b>43.42</b>	<b>43.44</b>	<b>43.46</b>	<b>43.47</b>	<b>66.58</b>	<b>66.60</b>	<b>66.61</b>	<b>66.62</b>	<b>66.62</b>	<b>66.63</b>
0.00	0.22	0.35	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.43	0.69	0.69	0.70	0.71	0.71	0.71
0.00	0.50	0.79	0.83	0.86	0.88	0.90	0.92	0.93	0.94	0.95	1.52	1.53	1.54	1.55	1.55	1.56
1.14	1.99	2.32	2.30	2.26	2.23	2.23	2.20	2.17	2.15	2.13	2.56	2.54	2.51	2.47	2.44	2.42
0.88	24.63	36.13	36.10	36.08	36.06	36.19	36.18	36.16	36.15	36.14	56.29	56.29	56.28	56.27	56.27	56.26
0.15	0.30	0.36	0.37	0.38	0.39	0.40	0.40	0.40	0.41	0.41	0.54	0.54	0.54	0.55	0.55	0.55
0.69	1.30	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	2.20	2.21	2.22	2.23	2.23	2.24
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
0.00	0.89	1.40	1.46	1.52	1.56	1.60	1.64	1.66	1.69	1.71	2.73	2.76	2.79	2.81	2.83	2.84

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>7.78</b>	<b>10.98</b>	<b>7.29</b>	<b>6.55</b>	<b>6.71</b>	<b>6.66</b>	<b>6.89</b>	<b>7.04</b>	<b>7.10</b>	<b>7.21</b>	<b>7.32</b>	<b>8.00</b>	<b>8.41</b>	<b>8.57</b>
Aviation Fuel	1.62	3.02	1.95	1.85	1.98	1.84	1.87	1.88	1.90	1.91	1.94	2.02	2.08	2.11
Diesel	4.75	6.46	4.17	3.45	3.48	3.59	3.73	3.82	3.82	3.89	3.96	4.48	4.78	4.91
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Lubricants	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Motor Gasoline	1.38	1.48	1.16	1.22	1.23	1.20	1.27	1.32	1.36	1.39	1.41	1.48	1.52	1.53
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	17.95	24.06	19.38	17.34	17.02	16.18	16.01	16.05	16.03	16.11	16.18	16.98	17.55	17.77
Total Electric and Steam Energy Demand for Generation	2.19	2.42	1.71	1.32	1.37	5.04	5.34	5.36	5.37	5.37	5.37	5.44	5.55	5.59
Less Electricity and Steam Secondary Demand	1.88	1.90	1.96	2.21	2.29	2.26	2.34	2.34	2.35	2.36	2.35	2.38	2.41	2.42
<b>Total Primary Demand</b>	<b>18.26</b>	<b>24.59</b>	<b>19.13</b>	<b>16.44</b>	<b>16.10</b>	<b>18.96</b>	<b>19.01</b>	<b>19.06</b>	<b>19.04</b>	<b>19.13</b>	<b>19.20</b>	<b>20.05</b>	<b>20.69</b>	<b>20.94</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	4.42	7.05	5.96	4.82	4.46	3.82	3.30	3.12	2.94	2.83	2.72	2.69	2.68	2.65
RPP	12.81	16.49	12.19	10.66	10.62	13.94	14.50	14.72	14.87	15.06	15.23	16.10	16.74	17.02
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	0.89	0.89	0.84	0.81	0.86	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.14	0.16	0.15	0.16	0.16	0.16	0.18	0.19	0.20	0.21	0.21	0.23	0.24	0.24
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>14.67</b>	<b>17.57</b>	<b>13.67</b>	<b>10.87</b>	<b>10.08</b>	<b>9.43</b>	<b>9.00</b>	<b>8.75</b>	<b>8.53</b>	<b>8.33</b>	<b>8.21</b>	<b>8.22</b>	<b>8.20</b>	<b>8.12</b>
Residential (PJ/Personal Income)	2.55	2.36	2.27	2.04	2.01	2.07	2.05	2.03	2.01	1.99	1.98	1.96	1.94	1.93
Commercial (PJ/GO)	1.20	1.16	0.96	1.13	1.03	1.04	1.02	1.00	0.99	0.99	0.99	0.98	0.98	0.98
Industrial (PJ/GO)	3.32	4.34	3.95	3.02	2.70	2.13	1.76	1.60	1.48	1.37	1.29	1.09	0.99	0.95
Transportation (PJ/GDP)	6.36	8.02	5.14	4.11	3.98	3.88	3.87	3.84	3.78	3.73	3.72	3.87	3.93	3.91

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>8.41</b>	<b>8.93</b>	<b>9.28</b>	<b>9.37</b>	<b>9.42</b>	<b>9.45</b>	<b>9.57</b>	<b>9.60</b>	<b>9.86</b>	<b>10.43</b>	<b>10.63</b>	<b>10.67</b>	<b>10.50</b>	<b>10.57</b>	<b>10.60</b>	<b>10.60</b>	<b>10.65</b>
2.09	2.21	2.27	2.29	2.31	2.32	2.34	2.35	2.38	2.45	2.47	2.53	2.53	2.56	2.58	2.59	2.61
4.79	5.12	5.38	5.44	5.48	5.50	5.60	5.62	5.84	6.32	6.49	6.46	6.30	6.35	6.36	6.35	6.39
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1.51	1.59	1.62	1.63	1.62	1.62	1.62	1.61	1.62	1.65	1.65	1.67	1.66	1.65	1.65	1.64	1.64
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
17.60	45.46	59.15	59.42	59.60	59.73	60.18	60.32	60.73	61.49	61.82	85.12	85.04	85.23	85.35	85.43	85.58
5.57	8.44	9.65	9.61	9.51	9.37	9.38	9.31	9.26	9.26	9.21	10.74	10.66	10.59	10.51	10.43	10.37
2.42	4.21	5.08	5.13	5.15	5.16	5.20	5.21	5.22	5.24	5.25	6.73	6.73	6.73	6.72	6.71	6.71
<b>20.75</b>	<b>49.69</b>	<b>63.71</b>	<b>63.91</b>	<b>63.96</b>	<b>63.95</b>	<b>64.35</b>	<b>64.43</b>	<b>64.76</b>	<b>65.51</b>	<b>65.78</b>	<b>89.13</b>	<b>88.96</b>	<b>89.09</b>	<b>89.14</b>	<b>89.15</b>	<b>89.24</b>
2.60	29.47	43.88	43.86	43.82	43.77	43.92	43.90	43.88	43.90	43.90	66.33	66.29	66.28	66.25	66.21	66.20
16.87	18.16	17.35	17.51	17.57	17.56	17.78	17.86	18.19	18.89	19.13	19.27	19.12	19.24	19.31	19.34	19.43
0.00	0.51	0.80	0.83	0.86	0.89	0.91	0.92	0.94	0.95	0.96	1.53	1.54	1.55	1.56	1.57	1.58
1.03	1.03	1.02	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01	0.93	0.93	0.93	0.92	0.92	0.92
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.24	0.51	0.66	0.68	0.70	0.72	0.73	0.74	0.75	0.77	0.78	1.07	1.08	1.09	1.10	1.11	1.12

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>8.00</b>	<b>18.96</b>	<b>23.70</b>	<b>23.36</b>	<b>23.09</b>	<b>22.84</b>	<b>22.54</b>	<b>22.26</b>	<b>21.87</b>	<b>21.37</b>	<b>21.02</b>	<b>27.89</b>	<b>27.54</b>	<b>27.08</b>	<b>26.69</b>	<b>26.33</b>	<b>25.94</b>
1.91	1.89	1.87	1.85	1.83	1.81	1.79	1.77	1.75	1.72	1.70	1.68	1.66	1.63	1.61	1.59	1.56
0.97	0.95	0.95	0.95	0.95	0.94	0.94	0.94	0.94	0.94	0.93	0.91	0.91	0.91	0.90	0.90	0.90
0.96	9.49	12.56	12.31	12.11	11.95	11.80	11.64	11.12	10.19	9.86	14.36	14.65	14.45	14.34	14.28	14.15
3.82	3.72	3.72	3.68	3.65	3.61	3.58	3.54	3.55	3.63	3.62	3.50	3.40	3.36	3.31	3.27	3.23





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>80.60</b>	<b>77.82</b>	<b>79.81</b>	<b>82.21</b>	<b>86.76</b>	<b>86.49</b>	<b>86.02</b>	<b>86.41</b>	<b>89.48</b>	<b>88.88</b>	<b>91.39</b>	<b>90.43</b>	<b>91.53</b>	<b>90.49</b>
Aviation Fuel	6.90	6.23	6.37	7.09	9.66	9.40	9.18	9.12	9.19	9.23	9.48	9.54	9.70	9.70
Diesel	27.80	27.10	28.23	29.10	30.82	31.19	31.08	31.22	33.51	32.66	33.89	32.81	33.16	32.23
Electric	0.00	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	2.91	2.25	2.30	2.30	2.35	2.39	2.42	2.46	2.50	2.50	2.57	2.61	2.65	2.69
LPG	0.07	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.04	0.04	0.04	0.03
Lubricants	0.32	0.28	0.29	0.25	0.24	0.25	0.25	0.26	0.27	0.27	0.28	0.28	0.29	0.29
Motor Gasoline	42.60	41.86	42.53	43.38	43.60	43.18	43.00	43.27	43.93	44.11	45.09	45.13	45.67	45.52
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	204.41	206.30	220.55	227.84	226.54	222.39	220.40	223.47	228.19	227.80	233.67	230.62	232.11	229.92
Total Electric and Steam Energy Demand for Generation	117.69	89.01	80.98	95.23	100.40	95.42	103.45	101.71	100.45	97.91	97.17	95.90	96.09	95.37
Less Electricity and Steam Secondary Demand	34.83	35.87	35.88	36.70	37.13	37.96	38.03	38.22	38.52	38.73	39.12	39.05	39.23	39.05
<b>Total Primary Demand</b>	<b>287.26</b>	<b>259.43</b>	<b>265.64</b>	<b>286.36</b>	<b>289.81</b>	<b>279.85</b>	<b>285.82</b>	<b>286.96</b>	<b>290.12</b>	<b>286.99</b>	<b>291.72</b>	<b>287.48</b>	<b>288.97</b>	<b>286.24</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	4.95	3.58	6.86	9.49	8.26	7.80	6.94	9.34	8.76	7.92	8.82	6.57	5.55	4.54
RPP	167.32	164.34	165.34	181.72	183.83	194.60	194.88	195.32	199.62	200.12	204.07	203.02	190.07	188.77
Coal, Coke and Coke Oven Gas	98.54	75.57	73.87	73.37	78.25	51.84	58.52	56.31	54.92	51.33	50.40	48.79	63.47	62.45
Hydro	3.33	2.56	3.72	3.92	3.23	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	13.12	13.38	15.86	17.85	16.25	22.22	22.09	22.61	23.43	24.25	25.05	25.73	26.50	27.10
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>4.36</b>	<b>4.08</b>	<b>4.73</b>	<b>4.64</b>	<b>4.17</b>	<b>3.96</b>	<b>3.78</b>	<b>3.81</b>	<b>3.55</b>	<b>3.51</b>	<b>3.46</b>	<b>3.34</b>	<b>3.23</b>	<b>3.19</b>
Residential (PJ/Personal Income)	1.94	1.98	1.97	2.03	1.63	1.94	1.92	1.91	1.88	1.87	1.84	1.82	1.80	1.77
Commercial (PJ/GO)	0.87	0.93	0.89	1.06	1.30	1.03	1.00	0.98	0.97	0.96	0.95	0.94	0.93	0.93
Industrial (PJ/GO)	9.09	8.87	9.12	9.37	9.02	8.76	8.49	8.44	8.40	8.25	8.25	8.07	7.96	7.82
Transportation (PJ/GDP)	3.58	3.35	3.30	3.38	3.45	3.41	3.31	3.26	3.29	3.22	3.23	3.16	3.14	3.08

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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<b>90.86</b>	<b>91.92</b>	<b>92.95</b>	<b>93.89</b>	<b>94.41</b>	<b>94.94</b>	<b>95.34</b>	<b>95.68</b>	<b>95.94</b>	<b>96.23</b>	<b>96.61</b>	<b>97.00</b>	<b>97.71</b>	<b>98.32</b>	<b>98.85</b>	<b>99.41</b>	<b>99.99</b>
9.77	9.91	10.04	10.17	10.26	10.36	10.45	10.53	10.60	10.67	10.75	10.82	10.95	11.06	11.17	11.29	11.41
32.32	32.72	33.13	33.49	33.68	33.87	34.02	34.16	34.26	34.42	34.66	34.97	35.40	35.79	36.15	36.53	36.94
0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.73	2.77	2.81	2.86	2.90	2.94	2.99	3.03	3.08	3.12	3.17	3.22	3.27	3.31	3.36	3.42	3.47
0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.30	0.30	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.36	0.36	0.37	0.37	0.38	0.39
45.69	46.17	46.61	47.00	47.20	47.40	47.51	47.59	47.62	47.63	47.64	47.59	47.70	47.75	47.76	47.77	47.77
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
230.07	232.37	235.04	237.39	238.63	239.75	240.38	241.45	242.48	243.52	244.67	245.89	247.86	249.41	250.60	251.84	253.21
94.84	93.01	93.56	94.04	94.20	96.32	96.38	96.41	96.46	98.37	98.43	99.03	99.26	99.34	100.34	100.23	100.12
38.95	39.20	39.53	39.78	39.84	39.86	39.85	39.84	39.84	39.83	39.81	39.79	39.87	39.88	39.81	39.75	39.71
<b>285.96</b>	<b>286.17</b>	<b>289.07</b>	<b>291.64</b>	<b>292.99</b>	<b>296.22</b>	<b>296.92</b>	<b>298.02</b>	<b>299.10</b>	<b>302.07</b>	<b>303.29</b>	<b>305.13</b>	<b>307.24</b>	<b>308.88</b>	<b>311.13</b>	<b>312.32</b>	<b>313.62</b>
3.80	9.26	8.90	8.65	8.47	8.33	7.85	7.92	7.98	8.04	8.10	8.16	8.22	8.28	8.33	8.38	8.43
189.51	178.81	181.26	183.39	184.70	185.56	186.64	187.64	188.59	189.26	190.34	191.49	193.22	194.70	195.96	197.26	198.65
61.55	66.33	66.46	66.60	66.50	68.74	68.59	68.42	68.26	70.28	70.14	70.53	70.55	70.43	71.23	70.76	70.44
3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27.72	28.39	29.07	29.62	29.95	30.22	30.45	30.66	30.88	31.10	31.33	31.56	31.86	32.08	32.23	32.54	32.72

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>3.11</b>	<b>3.05</b>	<b>2.99</b>	<b>2.94</b>	<b>2.89</b>	<b>2.85</b>	<b>2.80</b>	<b>2.77</b>	<b>2.75</b>	<b>2.73</b>	<b>2.70</b>	<b>2.67</b>	<b>2.64</b>	<b>2.61</b>	<b>2.58</b>	<b>2.55</b>	<b>2.52</b>
1.74	1.72	1.69	1.66	1.64	1.61	1.59	1.56	1.54	1.51	1.49	1.46	1.44	1.41	1.39	1.37	1.34
0.92	0.92	0.91	0.91	0.91	0.90	0.90	0.90	0.89	0.89	0.89	0.89	0.88	0.88	0.88	0.88	0.87
7.72	7.63	7.55	7.46	7.39	7.31	7.22	7.15	7.09	7.02	6.95	6.90	6.85	6.80	6.74	6.70	6.65
3.05	3.02	2.99	2.95	2.92	2.89	2.86	2.84	2.80	2.77	2.75	2.72	2.70	2.68	2.66	2.64	2.63





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>2.67</b>	<b>4.16</b>	<b>4.02</b>	<b>4.55</b>	<b>4.63</b>	<b>4.69</b>	<b>4.86</b>	<b>4.96</b>	<b>4.98</b>	<b>5.07</b>	<b>5.15</b>	<b>5.79</b>	<b>6.16</b>	<b>6.32</b>
Aviation Fuel	0.55	0.62	0.59	0.66	0.74	0.69	0.70	0.71	0.72	0.73	0.74	0.77	0.80	0.81
Diesel	1.83	3.25	3.18	3.61	3.60	3.72	3.86	3.94	3.93	4.01	4.07	4.66	4.99	5.13
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lubricants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Gasoline	0.29	0.29	0.24	0.28	0.29	0.28	0.30	0.31	0.33	0.33	0.34	0.35	0.37	0.37
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	3.62	5.27	4.92	5.22	5.34	5.66	5.91	6.08	6.16	6.30	6.43	7.15	7.60	7.79
Total Electric and Steam Energy Demand for Generation	0.62	0.49	0.75	0.00	0.00	2.01	2.15	2.31	2.42	2.50	2.51	2.59	2.65	2.64
Less Electricity and Steam Secondary Demand	0.75	0.91	0.69	0.48	0.50	0.77	0.83	0.88	0.94	0.98	1.01	1.07	1.12	1.15
<b>Total Primary Demand</b>	<b>3.49</b>	<b>4.84</b>	<b>4.98</b>	<b>4.74</b>	<b>4.83</b>	<b>6.90</b>	<b>7.23</b>	<b>7.51</b>	<b>7.64</b>	<b>7.82</b>	<b>7.93</b>	<b>8.67</b>	<b>9.13</b>	<b>9.29</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RPP	3.48	4.81	4.96	4.72	4.82	6.86	7.17	7.43	7.52	7.62	7.65	8.31	8.68	8.77
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.02	0.02	0.02	0.02	0.02	0.05	0.06	0.07	0.12	0.20	0.28	0.36	0.44	0.52
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>2.76</b>	<b>3.59</b>	<b>3.24</b>	<b>3.05</b>	<b>2.95</b>	<b>3.08</b>	<b>3.10</b>	<b>3.09</b>	<b>3.06</b>	<b>3.04</b>	<b>3.05</b>	<b>3.23</b>	<b>3.31</b>	<b>3.32</b>
Residential (PJ/Personal Income)	0.29	0.33	0.29	0.24	0.23	0.42	0.46	0.49	0.52	0.55	0.57	0.59	0.61	0.62
Commercial (PJ/GO)	0.35	0.43	0.34	0.38	0.41	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.36
Industrial (PJ/GO)	0.81	0.67	0.48	0.03	0.02	0.16	0.17	0.16	0.15	0.14	0.14	0.12	0.11	0.10
Transportation (PJ/GDP)	2.04	2.83	2.64	2.66	2.56	2.55	2.55	2.53	2.47	2.44	2.44	2.62	2.69	2.69

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>6.16</b>	<b>6.49</b>	<b>6.78</b>	<b>6.85</b>	<b>6.90</b>	<b>6.93</b>	<b>7.03</b>	<b>7.05</b>	<b>7.30</b>	<b>7.88</b>	<b>8.08</b>	<b>8.02</b>	<b>7.81</b>	<b>7.86</b>	<b>7.87</b>	<b>7.86</b>	<b>7.89</b>
0.81	0.86	0.88	0.89	0.90	0.90	0.91	0.91	0.92	0.95	0.96	0.97	0.97	0.98	0.98	0.99	0.99
4.98	5.25	5.51	5.57	5.60	5.63	5.72	5.75	5.98	6.53	6.72	6.64	6.43	6.48	6.49	6.47	6.51
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.37	0.39	0.39	0.40	0.40	0.39	0.39	0.39	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.39
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
7.66	8.08	8.45	8.56	8.63	8.69	8.82	8.87	9.16	9.79	10.02	10.00	9.80	9.88	9.91	9.91	9.97
2.62	2.75	2.78	2.77	2.76	2.80	2.82	2.85	2.88	2.94	2.97	3.04	3.06	3.07	3.09	3.11	3.14
1.16	1.24	1.28	1.31	1.33	1.35	1.37	1.38	1.41	1.44	1.46	1.49	1.49	1.51	1.52	1.53	1.54
<b>9.11</b>	<b>9.60</b>	<b>9.95</b>	<b>10.02</b>	<b>10.07</b>	<b>10.14</b>	<b>10.27</b>	<b>10.34</b>	<b>10.63</b>	<b>11.29</b>	<b>11.52</b>	<b>11.55</b>	<b>11.37</b>	<b>11.45</b>	<b>11.48</b>	<b>11.49</b>	<b>11.57</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.52	8.92	9.18	9.18	9.18	9.21	9.32	9.38	9.65	10.26	10.46	10.48	10.28	10.34	10.36	10.37	10.44
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.60	0.68	0.76	0.84	0.89	0.92	0.95	0.96	0.99	1.03	1.06	1.07	1.08	1.11	1.12	1.12	1.13

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>3.25</b>	<b>3.15</b>	<b>3.16</b>	<b>3.14</b>	<b>3.12</b>	<b>3.10</b>	<b>3.08</b>	<b>3.06</b>	<b>3.08</b>	<b>3.18</b>	<b>3.18</b>	<b>3.06</b>	<b>2.96</b>	<b>2.93</b>	<b>2.89</b>	<b>2.85</b>	<b>2.82</b>
0.63	0.65	0.66	0.66	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.66	0.66	0.65	0.65	0.64
0.36	0.36	0.36	0.36	0.36	0.35	0.35	0.35	0.35	0.35	0.34	0.34	0.34	0.34	0.33	0.33	0.33
0.11	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
2.61	2.53	2.54	2.52	2.49	2.47	2.46	2.43	2.45	2.56	2.56	2.45	2.36	2.33	2.30	2.26	2.23

Table A2.10: Demand, Reference Case and Continuing Trends, Ontario

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	27.49	26.54	27.39	26.59	26.52	25.14	24.31	25.66	26.63	28.64	29.38	28.76	27.93	27.90
Natural Gas	11.08	11.39	11.95	12.10	12.38	13.08	13.87	13.79	14.43	13.47	12.59	12.47	12.33	12.20
Light Fuel Oil	13.72	14.22	12.68	14.60	14.60	18.20	19.30	17.24	15.93	14.78	13.73	13.60	13.46	13.31
<b>Commercial</b>														
Electricity	24.56	23.70	25.89	24.83	20.92	19.80	19.14	20.22	21.00	22.61	23.20	22.70	22.04	22.03
Natural Gas	8.22	8.74	10.06	10.59	10.81	11.62	12.52	12.49	13.15	12.19	11.33	11.22	11.10	10.97
Light Fuel Oil	13.72	14.22	12.68	14.60	14.85	18.43	19.51	17.44	16.14	14.98	13.94	13.80	13.65	13.50
<b>Industrial</b>														
Electricity	16.89	17.03	19.74	19.83	18.12	17.10	16.54	17.54	18.25	19.72	20.26	19.81	19.21	19.21
Natural Gas	7.33	6.35	9.41	8.54	8.74	9.69	10.73	10.78	11.45	10.51	9.66	9.57	9.47	9.36
Heavy Fuel Oil	9.11	9.44	8.42	9.69	9.84	13.76	15.19	13.30	12.04	10.92	9.91	9.81	9.70	9.60
<b>Transportation</b>														
Gasoline	25.86	26.15	26.11	26.11	26.11	28.91	29.21	26.75	25.35	24.12	22.99	22.77	22.52	22.27
Diesel	21.17	21.85	20.11	20.63	20.63	23.81	24.49	22.22	20.87	19.67	18.58	18.41	18.21	18.01

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>2 999.37</b>	<b>2 894.73</b>	<b>3 057.10</b>	<b>3 088.65</b>	<b>3 167.43</b>	<b>3 245.80</b>	<b>3 243.08</b>	<b>3 271.75</b>	<b>3 311.00</b>	<b>3 399.03</b>	<b>3 478.67</b>	<b>3 542.00</b>	<b>3 605.71</b>	<b>3 651.21</b>
RPP <sup>1,2</sup>	1 267.73	1 252.31	1 323.96	1 341.24	1 400.66	1 447.04	1 432.79	1 432.40	1 448.81	1 494.14	1 537.88	1 572.78	1 609.06	1 636.51
Electric	507.19	503.43	522.79	512.87	512.69	531.62	537.90	545.40	554.13	566.62	575.31	582.57	590.05	594.71
Natural Gas	956.01	886.33	941.44	970.09	969.60	987.37	993.04	1 001.86	1 011.25	1 035.69	1 058.18	1 076.38	1 093.75	1 105.95
Biofuels & Emerging Energy <sup>3</sup>	107.35	99.25	109.47	105.29	129.14	116.62	115.09	132.96	134.66	137.74	139.58	141.15	143.18	144.25
Other <sup>4</sup>	161.09	153.41	159.44	159.16	155.33	163.15	164.25	159.12	162.15	164.85	167.72	169.13	169.67	169.78
<b>Residential Sector</b>	<b>524.94</b>	<b>512.22</b>	<b>527.26</b>	<b>565.71</b>	<b>545.94</b>	<b>562.85</b>	<b>570.98</b>	<b>586.69</b>	<b>593.86</b>	<b>608.90</b>	<b>621.70</b>	<b>630.96</b>	<b>640.17</b>	<b>646.48</b>
Biomass	17.58	16.20	17.26	18.77	19.00	19.75	20.23	21.04	21.59	22.41	23.11	23.67	24.22	24.65
Electricity	153.71	159.87	158.84	160.52	162.96	165.62	167.90	172.19	174.12	177.77	180.43	182.29	184.36	185.70
Natural Gas	315.34	302.28	316.53	349.21	335.58	349.36	355.57	366.67	372.20	383.23	393.27	400.81	408.13	413.44
RPP	38.32	33.87	34.63	37.22	28.40	28.12	27.28	26.80	25.95	25.49	24.89	24.18	23.47	22.69
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Commercial Sector</b>	<b>517.42</b>	<b>494.39</b>	<b>518.71</b>	<b>534.34</b>	<b>523.69</b>	<b>539.05</b>	<b>543.97</b>	<b>549.66</b>	<b>552.46</b>	<b>563.85</b>	<b>573.79</b>	<b>582.35</b>	<b>591.98</b>	<b>599.30</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	176.71	167.18	191.78	193.84	191.75	203.98	208.05	211.73	214.98	219.83	223.28	226.37	229.99	232.58
Natural Gas	290.99	276.01	273.04	275.72	259.33	260.93	261.02	261.74	259.65	263.44	267.41	270.61	274.26	277.08
RPP	49.42	50.89	53.58	64.45	72.29	73.72	74.48	75.78	77.43	80.20	82.72	85.00	87.36	89.27
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.30	0.31	0.31	0.34	0.33	0.42	0.42	0.41	0.40	0.39	0.38	0.37	0.37	0.36
<b>Industrial Sector</b>	<b>1 117.60</b>	<b>1 068.90</b>	<b>1 185.03</b>	<b>1 134.85</b>	<b>1 209.90</b>	<b>1 257.19</b>	<b>1 256.16</b>	<b>1 245.94</b>	<b>1 268.68</b>	<b>1 306.78</b>	<b>1 338.71</b>	<b>1 364.25</b>	<b>1 387.62</b>	<b>1 402.81</b>
Biomass	89.77	83.05	92.21	86.52	110.14	96.87	94.86	93.19	94.10	95.93	96.73	97.50	98.73	99.04
Coal, Coke & Coke Oven Gas	149.80	141.26	146.23	143.30	137.25	141.80	142.70	137.30	139.71	141.48	143.62	144.39	144.47	144.37
Electricity	175.41	175.07	170.78	157.17	156.63	160.70	160.67	160.21	163.78	167.75	170.31	172.61	174.39	175.11
Natural Gas	348.09	306.58	350.50	343.78	373.32	375.72	375.11	372.14	378.09	387.70	396.15	403.60	409.99	414.05
LPG & Petroleum Feedstocks	164.65	172.08	206.55	176.66	206.65	225.60	228.02	229.85	236.48	247.47	256.00	262.56	269.29	273.68
RPP	97.56	93.21	91.39	97.92	105.60	108.52	107.64	106.03	107.46	112.21	116.49	120.38	124.58	127.77
Still Gas & Petroleum Coke	81.32	85.81	114.48	113.97	102.57	127.05	126.02	125.81	127.02	131.26	135.69	138.83	141.34	143.74
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	10.99	11.85	12.90	15.53	17.76	20.93	21.13	21.41	22.04	22.98	23.72	24.37	24.83	25.05

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
30.91	31.23	31.40	31.35	31.49	31.85	32.48	32.95	33.28	33.96	34.62	35.07	35.70	36.37	37.03	37.63	38.23
12.06	11.95	11.85	11.76	11.67	11.60	11.55	11.51	11.47	11.43	11.38	11.34	11.31	11.27	11.23	11.19	11.15
13.16	13.03	12.93	12.82	12.73	12.66	12.60	12.55	12.51	12.46	12.42	12.38	12.33	12.29	12.25	12.20	12.16
24.44	24.70	24.85	24.81	24.92	25.21	25.72	26.10	26.38	26.92	27.45	27.82	28.33	28.86	29.40	29.88	30.36
10.85	10.75	10.66	10.58	10.50	10.44	10.39	10.35	10.32	10.28	10.24	10.21	10.17	10.14	10.10	10.06	10.03
13.35	13.23	13.12	13.01	12.92	12.84	12.79	12.74	12.69	12.65	12.60	12.56	12.51	12.47	12.43	12.38	12.34
21.42	21.67	21.81	21.79	21.89	22.17	22.64	22.99	23.25	23.76	24.25	24.59	25.06	25.56	26.05	26.50	26.94
9.26	9.17	9.09	9.02	8.96	8.90	8.86	8.83	8.80	8.77	8.74	8.71	8.68	8.64	8.62	8.58	8.56
9.49	9.40	9.32	9.25	9.18	9.13	9.09	9.05	9.02	8.99	8.96	8.93	8.90	8.86	8.83	8.80	8.77
22.03	21.82	21.64	21.47	21.31	21.19	21.09	21.01	20.94	20.86	20.79	20.72	20.64	20.57	20.50	20.43	20.36
17.81	17.64	17.49	17.35	17.23	17.13	17.05	16.98	16.92	16.86	16.80	16.75	16.69	16.63	16.57	16.51	16.46
<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
<b>3 692.67</b>	<b>3 769.12</b>	<b>3 864.73</b>	<b>3 949.25</b>	<b>4 009.10</b>	<b>4 059.13</b>	<b>4 109.46</b>	<b>4 153.16</b>	<b>4 202.82</b>	<b>4 252.29</b>	<b>4 300.34</b>	<b>4 351.55</b>	<b>4 416.86</b>	<b>4 471.13</b>	<b>4 514.44</b>	<b>4 561.28</b>	<b>4 612.32</b>
1 662.11	1 704.49	1 753.97	1 797.13	1 830.80	1 859.69	1 889.31	1 916.08	1 945.12	1 974.28	2 002.99	2 033.35	2 070.58	2 102.86	2 130.12	2 158.94	2 189.84
597.15	604.65	614.68	623.57	628.60	632.32	635.89	638.47	641.83	645.01	647.84	651.08	655.98	659.41	661.47	663.95	667.01
1 118.68	1 141.79	1 170.96	1 197.70	1 216.56	1 232.74	1 248.84	1 263.04	1 279.28	1 295.70	1 311.68	1 328.20	1 349.39	1 367.32	1 381.92	1 397.85	1 415.29
145.30	148.11	151.86	155.03	156.87	158.35	159.73	160.64	161.76	162.78	163.77	164.91	166.59	167.56	167.95	168.43	169.19
169.43	170.08	173.25	175.82	176.28	176.04	175.70	174.93	174.83	174.52	174.06	174.01	174.32	173.99	173.00	172.11	170.98
<b>651.23</b>	<b>661.17</b>	<b>672.24</b>	<b>681.08</b>	<b>687.62</b>	<b>691.83</b>	<b>695.74</b>	<b>698.79</b>	<b>701.55</b>	<b>704.26</b>	<b>706.34</b>	<b>708.17</b>	<b>711.74</b>	<b>714.41</b>	<b>716.26</b>	<b>717.89</b>	<b>719.88</b>
25.05	25.64	26.26	26.80	27.24	27.57	27.88	28.15	28.40	28.64	28.85	29.04	29.29	29.50	29.67	29.83	29.99
186.16	188.16	190.56	192.44	193.77	194.52	195.22	195.76	196.29	196.84	197.24	197.64	198.55	199.24	199.75	200.23	200.86
418.11	426.04	434.61	441.62	447.00	450.76	454.25	457.05	459.56	461.99	463.94	465.64	468.47	470.64	472.20	473.57	475.12
21.92	21.33	20.80	20.22	19.61	18.98	18.38	17.83	17.30	16.79	16.31	15.85	15.43	15.02	14.63	14.26	13.91
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>606.57</b>	<b>619.52</b>	<b>633.75</b>	<b>648.40</b>	<b>658.84</b>	<b>668.97</b>	<b>679.08</b>	<b>688.72</b>	<b>699.41</b>	<b>710.17</b>	<b>720.54</b>	<b>730.43</b>	<b>743.36</b>	<b>755.24</b>	<b>766.04</b>	<b>777.67</b>	<b>790.20</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
234.35	238.10	242.19	246.29	248.86	251.18	253.42	255.34	257.51	259.57	261.43	263.32	265.80	267.86	269.54	271.40	273.51
280.62	287.03	294.19	301.74	307.24	312.74	318.28	323.79	329.93	336.25	342.40	348.00	355.66	362.84	369.47	376.59	384.22
91.24	94.04	97.01	100.01	102.38	104.69	107.02	109.24	111.61	113.99	116.35	118.76	121.54	124.18	126.67	129.30	132.11
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.36	0.36	0.36	0.36	0.36	0.36	0.35	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.37	0.37
<b>1 417.16</b>	<b>1 446.17</b>	<b>1 490.57</b>	<b>1 529.10</b>	<b>1 553.70</b>	<b>1 574.36</b>	<b>1 595.49</b>	<b>1 612.97</b>	<b>1 635.04</b>	<b>1 656.27</b>	<b>1 677.94</b>	<b>1 703.24</b>	<b>1 734.29</b>	<b>1 758.21</b>	<b>1 775.04</b>	<b>1 794.09</b>	<b>1 814.69</b>
99.35	100.96	103.34	105.36	106.28	107.04	107.84	108.32	109.03	109.74	110.51	111.43	112.75	113.40	113.43	113.58	113.95
143.77	143.92	146.21	148.01	147.93	147.21	146.41	145.24	144.67	143.94	143.01	142.39	141.99	141.10	139.69	138.31	136.65
175.31	177.04	180.56	183.45	184.56	185.20	185.83	185.95	186.60	187.16	187.72	188.67	190.16	190.83	190.70	190.82	191.15
418.56	427.31	440.72	452.89	460.84	467.73	474.79	480.68	488.24	495.91	503.77	512.98	523.67	532.22	538.62	546.04	554.30
277.90	285.02	296.76	306.92	314.71	321.81	329.03	335.44	342.69	349.13	356.10	364.13	374.07	382.39	389.19	396.63	404.23
131.03	136.53	142.88	148.85	153.38	157.38	161.39	165.00	167.08	173.08	177.12	181.18	185.73	189.43	192.32	195.18	198.23
145.93	149.58	153.42	156.17	158.00	159.51	161.27	163.00	165.04	167.08	169.02	171.20	173.95	176.31	178.15	180.10	182.21
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.30	25.80	26.68	27.46	27.99	28.47	28.94	29.33	29.80	30.22	30.69	31.26	31.96	32.52	32.94	33.44	33.96

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>839.41</b>	<b>819.22</b>	<b>826.10</b>	<b>853.74</b>	<b>887.90</b>	<b>886.71</b>	<b>871.96</b>	<b>889.46</b>	<b>895.99</b>	<b>919.50</b>	<b>944.46</b>	<b>964.45</b>	<b>985.94</b>	<b>1 002.62</b>
Aviation Fuel	62.06	45.80	35.86	49.40	57.93	56.16	53.78	52.93	52.50	53.40	54.88	56.06	57.34	58.43
Diesel	250.74	238.70	242.40	245.91	261.39	266.27	263.96	262.08	264.58	273.01	281.17	288.54	296.12	301.99
Electric	1.36	1.32	1.39	1.35	1.36	1.32	1.28	1.27	1.26	1.27	1.29	1.30	1.31	1.32
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.74	18.97	19.40	19.74	19.98	20.23	20.55
Heavy Fuel Oil	5.54	6.60	6.76	6.84	7.09	7.20	7.31	7.42	7.53	7.64	7.75	7.87	7.99	8.11
LPG	4.82	5.50	3.03	3.49	4.20	3.92	3.58	3.31	3.01	2.78	2.54	2.31	2.09	1.88
Lubricants	3.88	4.74	5.65	6.14	5.80	5.98	6.15	6.39	6.59	6.87	7.13	7.35	7.58	7.78
Motor Gasoline	509.41	515.10	529.64	539.23	548.75	544.50	534.58	536.02	540.26	553.82	568.63	579.67	591.90	601.17
Natural Gas	1.60	1.46	1.37	1.38	1.38	1.36	1.33	1.32	1.30	1.31	1.34	1.35	1.37	1.38
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	2 999.37	2 894.73	3 057.10	3 088.65	3 167.43	3 245.80	3 243.08	3 271.75	3 311.00	3 399.03	3 478.67	3 542.00	3 605.71	3 651.21
Total Electric and Steam Energy Demand for Generation	1 370.39	1 390.45	1 387.45	1 460.83	1 499.56	1 505.82	1 513.43	1 564.75	1 571.98	1 570.97	1 617.59	1 612.73	1 585.96	1 583.93
Less Electricity and Steam Secondary Demand	518.48	515.59	536.00	528.74	530.78	552.97	559.45	567.22	576.57	589.98	599.41	607.31	615.25	620.12
<b>Total Primary Demand</b>	<b>3 851.28</b>	<b>3 769.59</b>	<b>3 908.55</b>	<b>4 020.75</b>	<b>4 136.21</b>	<b>4 198.65</b>	<b>4 197.06</b>	<b>4 269.28</b>	<b>4 306.42</b>	<b>4 380.01</b>	<b>4 496.84</b>	<b>4 547.42</b>	<b>4 576.42</b>	<b>4 615.01</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	1 063.96	1 011.36	1 070.70	1 105.97	1 092.79	1 117.17	1 127.92	1 150.99	1 178.62	1 222.37	1 272.17	1 299.56	1 309.30	1 336.01
RPP	1 273.19	1 261.06	1 329.92	1 362.83	1 418.32	1 459.20	1 445.88	1 448.10	1 456.69	1 504.33	1 556.83	1 592.21	1 628.87	1 656.21
Coal, Coke and Coke Oven Gas	576.35	532.00	529.82	593.50	471.39	385.44	385.98	399.00	419.51	370.67	304.58	288.70	248.69	221.48
Hydro	136.41	133.64	138.25	129.76	142.14	135.84	135.93	135.93	136.26	142.46	144.83	144.83	144.83	144.83
Nuclear	694.02	732.29	730.39	723.40	882.33	970.60	969.59	979.81	953.18	972.43	1 046.32	1 045.92	1 063.98	1 072.13
Biofuels & Emerging Energy	107.35	99.25	109.47	105.29	129.23	130.40	131.76	155.45	162.16	167.75	172.11	176.20	180.76	184.35
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>7.05</b>	<b>6.72</b>	<b>6.84</b>	<b>6.71</b>	<b>6.65</b>	<b>6.59</b>	<b>6.41</b>	<b>6.30</b>	<b>6.18</b>	<b>6.09</b>	<b>6.02</b>	<b>5.95</b>	<b>5.88</b>	<b>5.81</b>
Residential (PJ/Personal Income)	1.61	1.56	1.59	1.70	1.61	1.61	1.60	1.58	1.55	1.53	1.51	1.48	1.46	1.44
Commercial (PJ/GO)	1.13	1.06	1.09	1.08	1.02	1.01	0.99	0.97	0.95	0.94	0.93	0.92	0.91	0.90
Industrial (PJ/GO)	2.80	2.76	2.93	2.84	2.89	2.90	2.80	2.68	2.57	2.49	2.44	2.38	2.33	2.28
Transportation (PJ/GDP)	1.97	1.90	1.85	1.85	1.87	1.80	1.72	1.71	1.67	1.65	1.64	1.62	1.61	1.60

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>1 017.71</b>	<b>1 042.25</b>	<b>1 068.16</b>	<b>1 090.67</b>	<b>1 108.94</b>	<b>1 123.97</b>	<b>1 139.15</b>	<b>1 152.68</b>	<b>1 166.83</b>	<b>1 181.59</b>	<b>1 195.52</b>	<b>1 209.71</b>	<b>1 227.47</b>	<b>1 243.28</b>	<b>1 257.11</b>	<b>1 271.63</b>	<b>1 287.55</b>
59.46	61.14	62.98	64.65	66.24	67.66	69.11	70.47	71.85	73.31	74.75	76.20	78.01	79.74	81.37	83.04	84.82
307.55	316.19	325.21	333.55	339.84	345.31	351.21	356.69	362.72	369.16	375.34	381.81	389.13	395.65	401.41	407.70	414.74
1.33	1.35	1.37	1.38	1.40	1.41	1.42	1.42	1.43	1.44	1.45	1.45	1.47	1.48	1.48	1.49	1.50
20.90	21.51	22.25	22.87	23.35	23.74	24.01	24.16	24.33	24.40	24.41	24.44	24.54	24.65	24.84	25.03	25.24
8.23	8.35	8.48	8.61	8.73	8.87	9.00	9.13	9.27	9.41	9.55	9.69	9.84	9.99	10.14	10.29	10.44
1.69	1.53	1.38	1.24	1.11	0.98	0.88	0.78	0.69	0.61	0.54	0.48	0.43	0.38	0.33	0.29	0.26
7.98	8.25	8.54	8.82	9.07	9.29	9.52	9.73	9.95	10.18	10.40	10.63	10.90	11.16	11.40	11.65	11.91
609.17	622.52	636.52	648.09	657.73	665.21	672.50	678.77	685.04	691.53	697.51	703.41	711.55	718.63	724.50	730.49	736.97
1.39	1.41	1.44	1.46	1.48	1.50	1.51	1.53	1.54	1.55	1.57	1.58	1.60	1.62	1.63	1.64	1.66

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
3 692.67	3 769.11	3 864.72	3 949.25	4 009.10	4 059.13	4 109.46	4 153.16	4 202.82	4 252.29	4 300.34	4 351.55	4 416.86	4 471.13	4 514.44	4 561.28	4 612.32
1 558.57	1 560.99	1 586.97	1 619.86	1 653.06	1 637.70	1 641.43	1 643.39	1 650.21	1 658.99	1 663.40	1 676.24	1 695.20	1 701.98	1 706.20	1 702.39	1 716.06
622.82	630.81	641.72	651.38	656.94	661.14	665.19	668.16	671.99	675.58	678.89	682.70	688.30	692.30	694.77	697.75	701.35
<b>4 628.42</b>	<b>4 699.29</b>	<b>4 809.97</b>	<b>4 917.73</b>	<b>5 005.22</b>	<b>5 035.69</b>	<b>5 085.70</b>	<b>5 128.38</b>	<b>5 181.05</b>	<b>5 235.70</b>	<b>5 284.85</b>	<b>5 345.09</b>	<b>5 423.75</b>	<b>5 480.82</b>	<b>5 525.87</b>	<b>5 565.92</b>	<b>5 627.02</b>
1 364.65	1 400.34	1 438.16	1 466.01	1 470.29	1 496.97	1 520.42	1 536.71	1 555.27	1 560.63	1 564.49	1 580.57	1 604.62	1 625.07	1 635.54	1 652.52	1 667.20
1 684.59	1 728.08	1 778.34	1 821.84	1 854.91	1 884.06	1 914.98	1 942.36	1 972.09	2 000.75	2 028.01	2 058.41	2 096.12	2 128.57	2 155.67	2 184.64	2 215.67
212.98	187.57	146.21	148.01	147.93	147.21	146.41	145.24	144.67	153.32	152.39	151.76	151.36	150.48	149.06	147.68	146.02
144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83
1 033.46	1 045.22	1 103.16	1 132.59	1 179.20	1 151.56	1 145.38	1 143.38	1 145.94	1 155.64	1 172.36	1 184.34	1 198.69	1 201.53	1 208.77	1 202.50	1 217.54
187.92	193.25	199.27	204.46	208.06	211.06	213.70	215.87	218.25	220.53	222.78	225.19	228.12	230.35	232.00	233.75	235.76

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>5.74</b>	<b>5.67</b>	<b>5.61</b>	<b>5.53</b>	<b>5.47</b>	<b>5.40</b>	<b>5.34</b>	<b>5.27</b>	<b>5.21</b>	<b>5.15</b>	<b>5.09</b>	<b>5.03</b>	<b>4.97</b>	<b>4.92</b>	<b>4.86</b>	<b>4.81</b>	<b>4.75</b>
1.42	1.39	1.37	1.35	1.33	1.30	1.28	1.26	1.24	1.22	1.20	1.18	1.16	1.14	1.12	1.10	1.08
0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82	0.82	0.81	0.81	0.80	0.80	0.80
2.22	2.18	2.14	2.10	2.06	2.02	1.98	1.95	1.91	1.88	1.85	1.81	1.78	1.76	1.73	1.70	1.67
1.58	1.57	1.55	1.53	1.51	1.50	1.48	1.46	1.45	1.43	1.41	1.40	1.38	1.37	1.35	1.34	1.33





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>11.91</b>	<b>11.54</b>	<b>11.70</b>	<b>12.05</b>	<b>12.58</b>	<b>12.76</b>	<b>12.63</b>	<b>12.77</b>	<b>12.92</b>	<b>13.06</b>	<b>13.40</b>	<b>13.64</b>	<b>13.90</b>	<b>14.09</b>
Aviation Fuel	0.15	0.14	0.14	0.17	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18
Diesel	4.24	3.94	3.71	3.94	4.25	4.25	4.19	4.24	4.35	4.40	4.47	4.54	4.61	4.66
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lubricants	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Motor Gasoline	7.47	7.41	7.83	7.92	8.12	8.32	8.24	8.34	8.38	8.47	8.73	8.90	9.08	9.22
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	25.65	24.65	25.24	26.06	26.29	26.72	26.55	26.76	27.04	27.38	27.97	28.40	28.88	29.22
Total Electric and Steam Energy Demand for Generation	0.76	0.69	0.40	0.57	0.37	1.01	1.01	1.24	1.74	2.19	2.21	2.45	2.68	2.92
Less Electricity and Steam Secondary Demand	3.45	3.53	3.64	3.57	3.82	3.79	3.85	3.88	3.93	4.00	4.06	4.12	4.16	4.19
<b>Total Primary Demand</b>	<b>22.96</b>	<b>21.81</b>	<b>22.00</b>	<b>23.06</b>	<b>22.83</b>	<b>23.93</b>	<b>23.71</b>	<b>24.13</b>	<b>24.85</b>	<b>25.57</b>	<b>26.12</b>	<b>26.73</b>	<b>27.40</b>	<b>27.95</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RPP	22.53	21.39	21.55	22.57	22.22	23.42	23.19	23.36	23.84	24.31	24.61	24.97	25.40	25.71
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.43	0.42	0.45	0.49	0.61	0.52	0.52	0.77	1.02	1.26	1.51	1.75	2.00	2.24
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>8.36</b>	<b>7.99</b>	<b>7.82</b>	<b>7.79</b>	<b>7.65</b>	<b>7.66</b>	<b>7.48</b>	<b>7.38</b>	<b>7.22</b>	<b>7.08</b>	<b>7.02</b>	<b>6.93</b>	<b>6.84</b>	<b>6.76</b>
Residential (PJ/Personal Income)	1.80	1.74	1.56	1.58	1.53	1.53	1.51	1.49	1.46	1.44	1.42	1.40	1.37	1.35
Commercial (PJ/GO)	1.24	1.21	1.25	1.31	1.29	1.25	1.21	1.19	1.16	1.15	1.14	1.13	1.12	1.11
Industrial (PJ/GO)	1.68	1.58	1.70	1.65	1.50	1.45	1.43	1.40	1.37	1.35	1.33	1.31	1.28	1.27
Transportation (PJ/GDP)	3.88	3.74	3.62	3.60	3.66	3.66	3.55	3.52	3.45	3.37	3.36	3.33	3.29	3.26

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>14.27</b>	<b>14.56</b>	<b>14.83</b>	<b>15.10</b>	<b>15.31</b>	<b>15.49</b>	<b>15.67</b>	<b>15.84</b>	<b>15.98</b>	<b>16.13</b>	<b>16.31</b>	<b>16.47</b>	<b>16.67</b>	<b>16.84</b>	<b>17.00</b>	<b>17.17</b>	<b>17.33</b>
0.19	0.19	0.20	0.21	0.21	0.22	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.26	0.26	0.27	0.28
4.72	4.81	4.89	4.97	5.03	5.09	5.15	5.21	5.26	5.32	5.39	5.47	5.56	5.64	5.72	5.80	5.88
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
9.34	9.53	9.71	9.90	10.04	10.16	10.27	10.38	10.46	10.55	10.65	10.72	10.82	10.91	10.99	11.07	11.14
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
29.53	30.08	30.58	31.15	31.51	31.84	32.17	32.47	32.75	33.03	33.35	33.65	34.00	34.30	34.57	34.86	35.13
3.15	3.39	3.60	3.79	3.89	4.03	4.21	4.33	4.45	4.56	4.62	4.73	4.85	5.03	5.09	5.20	5.32
4.21	4.26	4.31	4.38	4.40	4.43	4.45	4.48	4.50	4.52	4.55	4.57	4.60	4.61	4.63	4.64	4.65
<b>28.48</b>	<b>29.21</b>	<b>29.87</b>	<b>30.56</b>	<b>31.00</b>	<b>31.44</b>	<b>31.93</b>	<b>32.32</b>	<b>32.69</b>	<b>33.07</b>	<b>33.42</b>	<b>33.81</b>	<b>34.25</b>	<b>34.72</b>	<b>35.03</b>	<b>35.42</b>	<b>35.80</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26.00	26.48	26.92	27.42	27.68	27.98	28.34	28.62	28.87	29.13	29.36	29.63	29.95	30.30	30.50	30.77	31.03
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.48	2.73	2.95	3.15	3.32	3.46	3.58	3.70	3.82	3.94	4.06	4.18	4.30	4.42	4.54	4.65	4.77

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>6.68</b>	<b>6.60</b>	<b>6.52</b>	<b>6.43</b>	<b>6.37</b>	<b>6.31</b>	<b>6.24</b>	<b>6.18</b>	<b>6.12</b>	<b>6.06</b>	<b>6.01</b>	<b>5.95</b>	<b>5.90</b>	<b>5.86</b>	<b>5.81</b>	<b>5.77</b>	<b>5.73</b>
1.33	1.30	1.28	1.25	1.23	1.21	1.18	1.16	1.14	1.12	1.10	1.08	1.05	1.03	1.01	0.99	0.97
1.10	1.09	1.09	1.08	1.08	1.07	1.07	1.06	1.06	1.05	1.05	1.04	1.04	1.04	1.03	1.03	1.02
1.25	1.23	1.21	1.20	1.18	1.17	1.15	1.14	1.13	1.12	1.11	1.10	1.08	1.07	1.06	1.05	1.04
3.23	3.19	3.16	3.12	3.09	3.07	3.04	3.02	2.99	2.96	2.94	2.91	2.89	2.88	2.86	2.84	2.83

Table A2.12: Demand, Reference Case and Continuing Trends, Quebec

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	18.74	18.32	17.71	17.06	16.24	14.60	17.41	18.51	18.80	18.81	18.94	18.43	18.32	18.58
Natural Gas	9.71	9.81	9.49	9.37	9.64	10.53	11.51	11.52	12.19	11.25	10.39	10.29	10.18	10.06
Light Fuel Oil	14.95	14.45	13.37	15.55	15.57	19.10	20.13	18.04	16.72	15.57	14.51	14.37	14.22	14.06
<b>Commercial</b>														
Electricity	20.07	19.53	18.89	18.09	17.26	15.69	19.35	20.77	21.10	21.08	21.23	20.57	20.42	20.75
Natural Gas	7.20	7.18	6.53	6.67	6.87	7.95	9.12	9.23	9.92	8.99	8.16	8.08	7.99	7.90
Light Fuel Oil	14.95	14.45	13.37	15.55	15.82	19.33	20.35	18.25	16.93	15.77	14.71	14.57	14.42	14.26
<b>Industrial</b>														
Electricity	10.83	11.01	10.53	10.78	9.76	8.77	10.27	10.87	11.03	11.04	11.12	10.84	10.78	10.93
Natural Gas	4.61	4.69	5.23	5.21	5.33	6.52	7.80	7.96	8.66	7.75	6.92	6.86	6.78	6.71
Heavy Fuel Oil	10.42	10.07	9.32	10.84	11.03	14.87	16.22	14.28	13.01	11.88	10.86	10.76	10.64	10.52
<b>Transportation</b>														
Gasoline	29.74	30.31	30.29	30.29	30.29	32.80	32.81	30.20	28.77	27.51	26.35	26.10	25.81	25.53
Diesel	26.43	26.45	24.94	25.23	25.23	28.09	28.45	26.02	24.63	23.40	22.28	22.07	21.83	21.58

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>1 816.25</b>	<b>1 776.34</b>	<b>1 886.57</b>	<b>1 973.63</b>	<b>1 969.36</b>	<b>1 999.81</b>	<b>2 009.42</b>	<b>2 015.59</b>	<b>2 030.04</b>	<b>2 072.35</b>	<b>2 109.69</b>	<b>2 144.24</b>	<b>2 176.94</b>	<b>2 194.68</b>
RPP <sup>1,2</sup>	752.43	762.26	800.17	856.59	861.11	871.38	874.21	879.63	883.80	904.65	926.17	943.07	962.50	974.75
Electric	630.44	635.48	661.26	695.88	690.09	708.26	718.36	723.44	733.87	749.87	760.82	774.23	782.74	786.42
Natural Gas	239.67	200.21	224.37	217.35	220.74	221.29	217.96	214.05	211.19	212.36	213.86	215.12	216.57	216.65
Biofuels & Emerging Energy <sup>3</sup>	161.43	148.07	167.41	170.61	167.64	167.85	167.78	167.90	170.00	173.55	176.28	178.65	181.67	183.21
Other <sup>4</sup>	32.29	30.33	33.36	33.21	29.78	31.04	31.10	30.57	31.19	31.94	32.55	33.16	33.46	33.66
<b>Residential Sector</b>	<b>327.49</b>	<b>309.54</b>	<b>323.32</b>	<b>348.27</b>	<b>354.04</b>	<b>354.11</b>	<b>362.11</b>	<b>369.86</b>	<b>373.83</b>	<b>381.21</b>	<b>389.26</b>	<b>395.42</b>	<b>401.50</b>	<b>404.49</b>
Biomass	60.27	55.95	59.97	64.06	66.25	66.18	68.01	69.99	71.30	73.19	75.20	76.78	78.34	79.31
Electricity	186.45	183.31	191.71	206.57	209.39	211.17	217.07	222.30	225.09	229.71	234.46	238.19	241.85	243.53
Natural Gas	28.25	23.65	26.12	28.15	27.56	27.33	27.73	28.16	28.21	28.62	29.19	29.60	29.99	30.19
RPP	52.52	46.63	45.52	49.50	50.84	49.45	49.30	49.42	49.23	49.68	50.40	50.86	51.32	51.47
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Commercial Sector</b>	<b>226.69</b>	<b>227.25</b>	<b>246.67</b>	<b>270.78</b>	<b>260.10</b>	<b>272.54</b>	<b>274.41</b>	<b>275.56</b>	<b>275.94</b>	<b>280.67</b>	<b>284.19</b>	<b>287.95</b>	<b>292.76</b>	<b>295.52</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	118.16	117.87	122.63	125.08	128.37	134.12	135.96	137.00	137.72	139.85	140.97	142.38	144.31	145.20
Natural Gas	75.07	69.95	76.84	79.92	77.91	81.45	81.25	80.90	79.89	80.88	81.93	82.97	84.38	85.25
RPP	33.47	39.43	47.21	65.78	53.81	56.97	57.20	57.66	58.32	59.95	61.29	62.60	64.07	65.07
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Industrial Sector</b>	<b>794.58</b>	<b>775.49</b>	<b>817.68</b>	<b>839.95</b>	<b>829.63</b>	<b>842.40</b>	<b>839.90</b>	<b>831.71</b>	<b>839.16</b>	<b>856.83</b>	<b>867.85</b>	<b>880.32</b>	<b>889.77</b>	<b>894.12</b>
Biomass	101.16	92.12	107.44	106.55	101.39	101.67	99.78	97.91	98.70	100.36	101.07	101.87	103.33	103.90
Coal, Coke & Coke Oven Gas	27.59	25.70	26.99	27.18	24.89	26.15	26.35	25.95	26.63	27.37	28.02	28.66	29.05	29.36
Electricity	324.75	333.22	345.91	363.19	351.28	361.97	364.34	363.16	370.08	379.33	384.40	392.66	395.58	396.68
Natural Gas	136.32	106.57	121.37	109.23	115.22	112.48	108.95	104.96	103.06	102.83	102.72	102.54	102.18	101.19
LPG & Petroleum Feedstocks	22.58	27.46	30.24	31.42	35.01	35.10	35.94	36.54	37.33	38.66	39.78	40.55	41.58	42.41
RPP	95.63	95.72	87.27	103.64	102.34	106.77	105.19	103.30	102.26	104.40	105.95	106.90	108.65	109.59
Still Gas & Petroleum Coke	81.84	90.06	92.10	92.71	94.60	93.38	94.62	95.27	96.55	99.32	101.38	102.63	104.99	106.70
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	4.69	4.63	6.37	6.02	4.89	4.89	4.75	4.62	4.55	4.56	4.54	4.51	4.42	4.30

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
18.69	18.88	19.05	19.24	19.42	19.67	19.87	20.13	20.57	21.03	21.52	22.02	22.59	23.16	23.81	24.47	25.22
9.95	9.86	9.78	9.70	9.63	9.57	9.53	9.49	9.46	9.43	9.39	9.36	9.33	9.29	9.26	9.23	9.20
13.91	13.77	13.66	13.55	13.45	13.38	13.32	13.26	13.22	13.17	13.12	13.08	13.03	12.99	12.94	12.90	12.85
20.91	21.16	21.38	21.63	21.86	22.18	22.44	22.78	23.34	23.93	24.56	25.21	25.93	26.66	27.49	28.34	29.30
7.82	7.74	7.68	7.62	7.56	7.52	7.48	7.45	7.43	7.40	7.38	7.35	7.32	7.30	7.27	7.25	7.22
14.10	13.97	13.85	13.74	13.64	13.56	13.50	13.45	13.40	13.35	13.31	13.26	13.21	13.17	13.12	13.07	13.03
10.99	11.10	11.20	11.31	11.42	11.56	11.67	11.82	12.07	12.34	12.62	12.91	13.23	13.56	13.93	14.31	14.74
6.63	6.57	6.51	6.46	6.42	6.38	6.35	6.33	6.30	6.28	6.26	6.24	6.22	6.19	6.17	6.15	6.13
10.41	10.31	10.22	10.14	10.07	10.01	9.96	9.92	9.89	9.86	9.82	9.79	9.75	9.72	9.68	9.65	9.62
25.25	25.01	24.80	24.60	24.42	24.28	24.17	24.08	24.00	23.91	23.82	23.74	23.66	23.58	23.49	23.41	23.33
21.35	21.14	20.97	20.80	20.65	20.53	20.44	20.36	20.29	20.22	20.14	20.07	20.00	19.93	19.86	19.79	19.73
<b>2 210.37</b>	<b>2 247.75</b>	<b>2 295.60</b>	<b>2 340.50</b>	<b>2 367.69</b>	<b>2 390.12</b>	<b>2 413.11</b>	<b>2 431.90</b>	<b>2 453.17</b>	<b>2 474.14</b>	<b>2 495.41</b>	<b>2 519.02</b>	<b>2 552.07</b>	<b>2 576.19</b>	<b>2 591.31</b>	<b>2 608.69</b>	<b>2 629.34</b>
985.71	1 006.95	1 030.99	1 053.30	1 069.11	1 083.27	1 097.07	1 109.54	1 122.38	1 134.94	1 147.52	1 160.65	1 177.51	1 191.80	1 203.48	1 216.04	1 229.81
789.46	799.01	813.58	827.38	833.81	837.87	842.57	845.25	849.16	852.84	856.52	861.34	870.06	874.14	873.55	873.74	875.16
216.89	219.81	223.90	228.09	230.40	232.57	234.91	236.98	239.60	242.46	245.54	248.94	253.15	256.81	259.89	263.35	267.23
184.47	187.64	191.82	195.49	197.64	199.34	201.10	202.46	203.94	205.34	206.79	208.34	210.58	211.95	212.52	213.17	214.11
33.84	34.34	35.31	36.25	36.73	37.07	37.45	37.68	38.10	38.56	39.05	39.75	40.77	41.48	41.87	42.38	43.03
<b>406.41</b>	<b>411.47</b>	<b>417.39</b>	<b>422.33</b>	<b>425.45</b>	<b>427.41</b>	<b>429.42</b>	<b>431.18</b>	<b>432.51</b>	<b>433.52</b>	<b>434.41</b>	<b>434.98</b>	<b>436.63</b>	<b>437.68</b>	<b>438.17</b>	<b>438.51</b>	<b>438.97</b>
80.08	81.49	83.07	84.47	85.51	86.32	87.13	87.88	88.56	89.19	89.81	90.38	91.20	91.91	92.53	93.13	93.78
244.47	247.21	250.37	252.85	254.19	254.78	255.35	255.78	255.87	255.71	255.37	254.77	254.64	254.10	253.17	252.06	250.91
30.32	30.72	31.20	31.63	31.94	32.18	32.44	32.68	32.90	33.13	33.37	33.61	33.98	34.32	34.64	34.97	35.34
51.54	52.06	52.75	53.38	53.81	54.14	54.51	54.84	55.17	55.50	55.86	56.22	56.81	57.34	57.83	58.35	58.93
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>298.21</b>	<b>303.50</b>	<b>309.10</b>	<b>315.62</b>	<b>319.62</b>	<b>323.49</b>	<b>327.30</b>	<b>330.82</b>	<b>334.59</b>	<b>338.28</b>	<b>341.90</b>	<b>345.40</b>	<b>349.45</b>	<b>352.95</b>	<b>355.91</b>	<b>359.07</b>	<b>362.47</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.96	147.75	149.59	151.71	152.68	153.52	154.28	154.90	155.48	155.90	156.18	156.32	156.53	156.43	156.03	155.61	155.17
86.20	88.11	90.20	92.70	94.41	96.15	97.88	99.55	101.41	103.33	105.30	107.27	109.56	111.72	113.73	115.88	118.19
66.04	67.63	69.30	71.20	72.52	73.83	75.13	76.37	77.70	79.05	80.42	81.81	83.36	84.81	86.15	87.58	89.12
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>898.61</b>	<b>913.30</b>	<b>936.53</b>	<b>957.69</b>	<b>969.02</b>	<b>977.82</b>	<b>987.83</b>	<b>994.83</b>	<b>1 004.67</b>	<b>1 014.79</b>	<b>1 025.50</b>	<b>1 039.08</b>	<b>1 058.50</b>	<b>1 071.36</b>	<b>1 077.51</b>	<b>1 085.56</b>	<b>1 096.04</b>
104.39	106.16	108.75	111.01	112.13	113.02	113.97	114.58	115.37	116.15	116.98	117.96	119.38	120.04	119.99	120.04	120.33
29.65	30.21	31.21	32.19	32.74	33.15	33.58	33.87	34.34	34.83	35.36	36.08	37.10	37.83	38.25	38.79	39.44
398.02	403.03	412.59	421.77	425.89	428.52	431.88	433.52	436.74	440.17	443.90	449.18	457.81	462.54	463.27	464.98	468.00
100.35	100.97	102.49	103.75	104.04	104.24	104.58	104.74	105.28	106.00	106.86	108.06	109.60	110.76	111.52	112.49	113.70
43.18	44.36	45.88	47.15	48.14	49.03	49.97	50.83	51.80	52.73	53.66	54.69	55.93	57.03	57.94	58.91	59.93
110.59	113.65	116.72	119.58	121.28	122.71	124.29	125.52	126.91	128.38	129.88	131.62	133.90	135.55	136.59	137.92	139.62
108.25	110.80	114.79	118.18	120.82	123.22	125.69	127.97	130.47	132.80	135.18	137.82	141.10	143.95	146.33	148.83	151.44
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.19	4.12	4.10	4.06	3.99	3.93	3.87	3.81	3.76	3.72	3.69	3.67	3.67	3.65	3.62	3.60	3.58

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>467.49</b>	<b>464.07</b>	<b>498.90</b>	<b>514.63</b>	<b>525.59</b>	<b>530.76</b>	<b>533.00</b>	<b>538.45</b>	<b>541.12</b>	<b>553.64</b>	<b>568.38</b>	<b>580.54</b>	<b>592.90</b>	<b>600.54</b>
Aviation Fuel	26.71	29.05	53.27	48.27	47.16	46.94	46.77	47.14	47.49	48.76	50.63	52.26	53.33	53.97
Diesel	144.55	132.90	134.39	146.47	154.93	161.56	163.72	165.89	166.49	171.34	175.96	179.58	183.82	186.51
Electric	1.08	1.07	1.02	1.04	1.05	1.01	1.00	0.99	0.97	0.98	0.99	1.00	1.01	1.01
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	13.09	15.84	16.28	16.32	16.86	17.11	17.37	17.63	17.89	18.16	18.43	18.71	18.99	19.28
LPG	0.57	0.87	0.54	0.46	0.61	0.59	0.57	0.55	0.53	0.52	0.52	0.51	0.50	0.49
Lubricants	1.98	1.81	1.72	2.00	2.02	2.06	2.13	2.19	2.25	2.33	2.41	2.48	2.55	2.61
Motor Gasoline	279.48	282.48	291.64	300.02	302.93	301.44	301.41	304.04	305.47	311.52	319.43	325.98	332.68	336.65
Natural Gas	0.03	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	1816.25	1776.34	1886.56	1973.63	1969.36	1999.81	2009.42	2015.59	2030.04	2072.35	2109.69	2144.24	2176.94	2194.68
Total Electric and Steam Energy Demand for Generation	695.50	661.47	684.37	689.43	685.34	758.02	781.79	796.49	810.88	836.15	810.53	855.58	893.99	899.54
Less Electricity and Steam Secondary Demand	635.13	640.10	667.63	701.91	694.97	713.15	723.12	728.05	738.42	754.43	765.35	778.73	787.16	790.72
<b>Total Primary Demand</b>	<b>1 876.62</b>	<b>1 797.71</b>	<b>1 903.31</b>	<b>1 961.16</b>	<b>1 959.72</b>	<b>2 044.68</b>	<b>2 068.09</b>	<b>2 084.02</b>	<b>2 102.50</b>	<b>2 154.08</b>	<b>2 154.86</b>	<b>2 221.08</b>	<b>2 283.77</b>	<b>2 303.51</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	247.51	206.36	232.20	223.19	225.25	227.11	243.37	239.45	236.59	237.77	239.27	240.54	241.98	242.06
RPP	757.67	768.98	807.20	882.30	882.36	929.20	932.04	937.45	941.62	962.48	984.01	996.88	1 016.30	1 028.56
Coal, Coke and Coke Oven Gas	27.59	25.70	26.99	27.18	24.89	26.15	26.35	25.95	26.63	27.37	28.02	28.66	29.05	29.36
Hydro	625.12	593.34	616.35	616.14	602.34	628.98	633.16	643.46	652.30	686.44	698.57	698.78	717.20	717.20
Nuclear	56.68	54.58	52.54	41.12	56.57	57.75	57.75	57.75	57.75	43.31	0.00	43.31	57.75	57.75
Biofuels & Emerging Energy	162.06	148.75	168.03	171.22	168.31	175.49	175.43	179.95	187.60	196.70	204.99	212.92	221.49	228.58
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>8.35</b>	<b>8.01</b>	<b>8.17</b>	<b>8.49</b>	<b>8.20</b>	<b>8.09</b>	<b>7.91</b>	<b>7.77</b>	<b>7.63</b>	<b>7.52</b>	<b>7.44</b>	<b>7.36</b>	<b>7.26</b>	<b>7.18</b>
Residential (PJ/Personal Income)	1.81	1.68	1.75	1.86	1.85	1.81	1.80	1.78	1.75	1.73	1.71	1.69	1.67	1.65
Commercial (PJ/GO)	1.00	0.98	1.02	1.11	1.02	1.04	1.02	1.00	0.98	0.96	0.95	0.94	0.93	0.92
Industrial (PJ/GO)	4.52	4.36	4.45	4.65	4.46	4.33	4.17	4.03	3.91	3.79	3.68	3.59	3.50	3.43
Transportation (PJ/GDP)	2.15	2.09	2.16	2.21	2.19	2.15	2.10	2.07	2.03	2.01	2.00	1.99	1.98	1.96

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>607.14</b>	<b>619.48</b>	<b>632.58</b>	<b>644.86</b>	<b>653.60</b>	<b>661.39</b>	<b>668.56</b>	<b>675.08</b>	<b>681.40</b>	<b>687.55</b>	<b>693.60</b>	<b>699.57</b>	<b>707.49</b>	<b>714.20</b>	<b>719.72</b>	<b>725.54</b>	<b>731.86</b>
54.50	55.46	56.60	57.68	58.54	59.34	60.09	60.82	61.55	62.30	63.09	63.88	64.98	66.01	66.98	67.99	69.06
189.06	194.20	199.07	203.78	206.99	209.93	212.91	215.50	218.13	220.77	223.31	225.97	229.07	231.68	233.83	236.26	238.99
1.01	1.02	1.03	1.04	1.05	1.05	1.06	1.06	1.06	1.06	1.07	1.07	1.07	1.08	1.08	1.08	1.09
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19.57	19.86	20.16	20.46	20.77	21.08	21.39	21.71	22.04	22.37	22.71	23.05	23.39	23.74	24.10	24.46	24.83
0.49	0.48	0.48	0.49	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.49	0.49	0.49	0.49	0.50	0.50
2.66	2.74	2.82	2.90	2.97	3.04	3.10	3.16	3.22	3.28	3.35	3.41	3.48	3.55	3.62	3.68	3.75
339.84	345.71	352.41	358.51	362.80	366.46	369.52	372.33	374.91	377.28	379.60	381.71	385.00	387.64	389.61	391.56	393.64
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
2210.37	2247.75	2295.60	2340.50	2367.69	2390.12	2413.10	2431.90	2453.17	2474.14	2495.41	2519.02	2552.07	2576.19	2591.31	2608.69	2629.34
905.10	910.65	922.70	934.61	946.40	958.06	962.97	967.88	972.79	977.70	982.61	987.51	992.42	997.33	1 002.24	1 007.15	1 011.36
793.65	803.13	817.68	831.44	837.80	841.79	846.44	849.06	852.92	856.57	860.21	865.01	873.73	877.79	877.17	877.34	878.74
<b>2 321.82</b>	<b>2 355.27</b>	<b>2 400.62</b>	<b>2 443.68</b>	<b>2 476.29</b>	<b>2 506.38</b>	<b>2 529.63</b>	<b>2 550.72</b>	<b>2 573.03</b>	<b>2 595.27</b>	<b>2 617.81</b>	<b>2 641.52</b>	<b>2 670.77</b>	<b>2 695.73</b>	<b>2 716.38</b>	<b>2 738.50</b>	<b>2 761.96</b>
242.30	245.22	249.31	253.50	255.81	257.98	260.32	262.39	265.01	267.87	270.95	274.35	278.56	282.22	285.30	288.76	292.64
1 039.52	1 060.76	1 084.80	1 107.11	1 122.92	1 137.07	1 150.88	1 163.35	1 176.19	1 188.75	1 201.33	1 214.46	1 231.32	1 245.61	1 257.28	1 269.85	1 283.61
29.65	30.21	31.21	32.19	32.74	33.15	33.58	33.87	34.34	34.83	35.36	36.08	37.10	37.83	38.25	38.79	39.44
717.20	717.20	723.82	730.44	737.06	743.68	743.68	743.68	743.68	743.68	743.68	743.68	743.68	743.68	743.68	743.68	742.98
57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75
235.40	244.13	253.73	262.69	270.01	276.75	283.42	289.69	296.08	302.39	308.75	315.20	322.36	328.64	334.12	339.67	345.53

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>7.10</b>	<b>7.01</b>	<b>6.95</b>	<b>6.86</b>	<b>6.79</b>	<b>6.71</b>	<b>6.64</b>	<b>6.57</b>	<b>6.50</b>	<b>6.44</b>	<b>6.37</b>	<b>6.31</b>	<b>6.26</b>	<b>6.20</b>	<b>6.14</b>	<b>6.09</b>	<b>6.03</b>
1.62	1.60	1.58	1.55	1.53	1.50	1.48	1.46	1.43	1.41	1.39	1.37	1.34	1.32	1.30	1.28	1.25
0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.85	0.84	0.84	0.83	0.83	0.82
3.36	3.29	3.24	3.18	3.13	3.07	3.03	2.98	2.94	2.90	2.86	2.82	2.79	2.76	2.72	2.68	2.65
1.95	1.93	1.91	1.89	1.87	1.86	1.84	1.82	1.81	1.79	1.77	1.75	1.73	1.72	1.71	1.69	1.68





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>121.69</b>	<b>114.58</b>	<b>116.95</b>	<b>123.48</b>	<b>125.98</b>	<b>124.83</b>	<b>125.63</b>	<b>129.04</b>	<b>128.21</b>	<b>129.64</b>	<b>131.16</b>	<b>131.79</b>	<b>132.70</b>	<b>132.83</b>
Aviation Fuel	2.33	2.60	2.57	2.23	2.03	1.92	1.85	1.79	1.77	1.79	1.86	1.91	1.94	1.96
Diesel	59.47	52.16	54.25	58.61	61.69	61.64	62.52	63.12	62.55	63.24	63.68	63.82	64.06	64.04
Electric	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.20	3.16	3.18	3.18	3.16	3.15	3.14
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.41	0.49	0.28	0.20	0.24	0.23	0.21	0.20	0.18	0.17	0.15	0.14	0.13	0.11
Lubricants	0.94	0.88	0.85	0.81	0.79	0.81	0.84	0.86	0.87	0.89	0.91	0.92	0.93	0.94
Motor Gasoline	58.51	58.41	58.96	61.59	61.18	60.19	60.15	59.82	59.62	60.33	61.34	61.81	62.45	62.59
Natural Gas	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	436.60	413.16	431.71	441.30	442.21	454.72	459.39	461.49	453.66	455.04	455.76	454.21	453.53	451.25
Total Electric and Steam Energy Demand for Generation	174.61	183.90	183.37	205.21	206.67	209.76	211.50	212.04	196.21	195.86	183.32	179.89	172.59	170.21
Less Electricity and Steam Secondary Demand	58.15	57.58	58.04	60.30	59.77	62.20	63.60	64.02	63.19	63.24	63.02	62.66	62.33	61.85
<b>Total Primary Demand</b>	<b>553.06</b>	<b>539.48</b>	<b>557.04</b>	<b>586.21</b>	<b>589.11</b>	<b>602.28</b>	<b>607.30</b>	<b>609.52</b>	<b>586.68</b>	<b>587.67</b>	<b>576.06</b>	<b>571.44</b>	<b>563.79</b>	<b>559.61</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	241.25	224.28	237.25	245.50	245.54	248.64	249.93	247.66	240.04	237.95	232.27	229.85	227.91	225.72
RPP	147.14	142.33	147.87	166.23	162.81	164.13	165.81	166.88	166.33	168.38	170.22	171.04	172.16	172.38
Coal, Coke and Coke Oven Gas	143.38	151.48	148.21	147.82	155.72	160.72	162.84	162.71	147.35	147.57	139.15	135.48	127.56	124.81
Hydro	10.96	8.60	10.20	12.29	9.88	11.48	11.48	11.48	11.48	11.48	11.48	11.48	11.89	11.89
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	10.33	12.78	13.51	14.37	15.16	17.31	17.23	20.79	21.47	22.29	22.94	23.59	24.27	24.82
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>13.99</b>	<b>13.44</b>	<b>14.30</b>	<b>14.21</b>	<b>13.80</b>	<b>13.83</b>	<b>13.54</b>	<b>13.28</b>	<b>12.97</b>	<b>12.73</b>	<b>12.57</b>	<b>12.39</b>	<b>12.20</b>	<b>12.03</b>
Residential (PJ/Personal Income)	2.30	2.29	2.38	2.14	2.01	2.19	2.16	2.12	2.08	2.05	2.02	1.99	1.96	1.93
Commercial (PJ/GO)	3.20	2.61	3.05	2.67	2.46	2.54	2.51	2.48	2.39	2.34	2.30	2.26	2.22	2.18
Industrial (PJ/GO)	6.35	6.80	7.07	7.98	7.70	7.49	7.31	7.06	6.80	6.61	6.44	6.27	6.12	5.98
Transportation (PJ/GDP)	3.90	3.73	3.88	3.98	3.93	3.80	3.70	3.71	3.66	3.63	3.62	3.59	3.57	3.54

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>132.69</b>	<b>133.79</b>	<b>134.98</b>	<b>136.13</b>	<b>136.79</b>	<b>137.34</b>	<b>137.73</b>	<b>138.12</b>	<b>138.62</b>	<b>139.20</b>	<b>139.76</b>	<b>140.20</b>	<b>141.24</b>	<b>142.20</b>	<b>142.96</b>	<b>143.80</b>	<b>144.74</b>
1.98	2.01	2.05	2.09	2.13	2.17	2.21	2.25	2.29	2.33	2.38	2.41	2.47	2.52	2.57	2.62	2.67
63.83	64.35	64.88	65.51	65.78	66.01	66.17	66.33	66.60	66.96	67.31	67.72	68.37	68.99	69.49	70.09	70.77
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3.16	3.23	3.34	3.46	3.55	3.63	3.67	3.69	3.68	3.65	3.60	3.54	3.49	3.43	3.37	3.33	3.30
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.09	0.08	0.08	0.07	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02
0.95	0.97	0.99	1.00	1.02	1.03	1.04	1.06	1.07	1.08	1.10	1.11	1.12	1.14	1.15	1.17	1.18
62.63	63.09	63.59	63.95	64.20	64.40	64.54	64.70	64.90	65.10	65.29	65.35	65.73	66.06	66.30	66.53	66.75
0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
448.17	448.91	449.06	450.45	449.94	450.24	448.87	447.67	446.82	446.07	445.18	443.11	444.18	445.01	445.07	445.70	446.83
167.58	159.81	161.76	166.40	157.46	155.95	149.60	148.74	147.59	145.93	144.93	143.24	142.25	141.67	139.99	138.54	136.46
61.24	60.98	60.97	61.02	60.60	60.23	59.74	59.46	59.28	59.09	58.86	58.40	58.32	58.16	57.84	57.55	57.27
<b>554.51</b>	<b>547.73</b>	<b>549.86</b>	<b>555.83</b>	<b>546.80</b>	<b>545.96</b>	<b>538.73</b>	<b>536.95</b>	<b>535.13</b>	<b>532.91</b>	<b>531.24</b>	<b>527.95</b>	<b>528.11</b>	<b>528.52</b>	<b>527.23</b>	<b>526.69</b>	<b>526.03</b>
223.78	223.39	221.98	221.66	220.58	220.51	219.93	218.64	217.38	216.13	214.77	213.25	212.84	212.50	211.95	212.55	212.68
171.71	172.54	173.45	174.53	175.04	175.55	175.78	176.06	176.53	177.10	177.74	178.34	179.69	180.97	182.00	183.17	184.48
121.77	113.80	115.62	120.18	111.36	109.78	102.65	101.70	100.49	98.78	97.69	95.16	94.13	93.47	91.67	89.32	87.11
11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.35	26.11	26.92	27.57	27.93	28.22	28.47	28.65	28.84	29.00	29.15	29.31	29.56	29.68	29.71	29.76	29.86

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>11.85</b>	<b>11.68</b>	<b>11.48</b>	<b>11.28</b>	<b>11.13</b>	<b>11.01</b>	<b>10.85</b>	<b>10.70</b>	<b>10.55</b>	<b>10.39</b>	<b>10.25</b>	<b>10.08</b>	<b>9.97</b>	<b>9.85</b>	<b>9.75</b>	<b>9.65</b>	<b>9.56</b>
1.90	1.88	1.85	1.82	1.79	1.77	1.74	1.71	1.69	1.66	1.64	1.61	1.58	1.56	1.53	1.51	1.48
2.15	2.12	2.09	2.07	2.04	2.01	1.97	1.95	1.93	1.91	1.89	1.85	1.84	1.82	1.81	1.80	1.78
5.85	5.71	5.53	5.39	5.28	5.20	5.09	4.99	4.88	4.77	4.66	4.55	4.45	4.36	4.28	4.20	4.13
3.51	3.48	3.45	3.41	3.38	3.36	3.33	3.30	3.27	3.24	3.22	3.19	3.17	3.15	3.13	3.11	3.10





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>3.45</b>	<b>3.56</b>	<b>3.63</b>	<b>3.73</b>	<b>3.79</b>	<b>3.77</b>	<b>3.89</b>	<b>3.98</b>	<b>4.02</b>	<b>4.08</b>	<b>4.14</b>	<b>4.51</b>	<b>4.74</b>	<b>4.84</b>
Aviation Fuel	0.43	0.28	0.27	0.37	0.39	0.36	0.36	0.36	0.37	0.37	0.37	0.39	0.41	0.41
Diesel	1.46	1.68	1.78	1.75	2.05	2.11	2.18	2.25	2.26	2.30	2.34	2.63	2.80	2.88
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.01	0.02	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06
Lubricants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Gasoline	1.56	1.58	1.54	1.56	1.31	1.25	1.29	1.32	1.35	1.36	1.38	1.43	1.48	1.49
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	7.10	6.83	6.94	7.14	6.77	6.81	6.94	7.11	7.20	7.29	7.37	7.80	8.10	8.21
Total Electric and Steam Energy Demand for Generation	1.18	1.15	1.22	1.17	1.21	1.64	1.68	1.72	1.76	1.77	1.76	1.81	1.81	1.79
Less Electricity and Steam Secondary Demand	0.99	0.99	1.00	1.03	1.07	1.09	1.10	1.13	1.14	1.15	1.15	1.17	1.18	1.18
<b>Total Primary Demand</b>	<b>7.29</b>	<b>6.99</b>	<b>7.16</b>	<b>7.28</b>	<b>6.92</b>	<b>7.36</b>	<b>7.52</b>	<b>7.71</b>	<b>7.82</b>	<b>7.91</b>	<b>7.98</b>	<b>8.44</b>	<b>8.72</b>	<b>8.82</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	1.24	0.82	0.77	0.46	0.18	0.23	0.19	0.18	0.17	0.16	0.15	0.13	0.10	0.09
RPP	5.04	5.15	5.33	5.70	5.53	6.14	6.33	6.50	6.59	6.68	6.74	7.18	7.46	7.58
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	0.94	0.95	0.99	1.03	1.10	0.90	0.91	0.91	0.90	0.89	0.87	0.88	0.87	0.86
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.06	0.07	0.07	0.10	0.11	0.09	0.10	0.11	0.15	0.18	0.21	0.25	0.29	0.29
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>3.87</b>	<b>3.32</b>	<b>3.26</b>	<b>2.98</b>	<b>2.68</b>	<b>2.64</b>	<b>2.60</b>	<b>2.58</b>	<b>2.55</b>	<b>2.51</b>	<b>2.49</b>	<b>2.52</b>	<b>2.52</b>	<b>2.50</b>
Residential (PJ/Personal Income)	0.74	0.64	0.67	0.80	0.91	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72
Commercial (PJ/GO)	0.78	0.72	0.66	0.71	0.58	0.65	0.64	0.63	0.63	0.63	0.63	0.63	0.62	0.62
Industrial (PJ/GO)	3.26	2.10	2.08	1.70	0.90	0.99	0.84	0.80	0.76	0.71	0.67	0.53	0.45	0.40
Transportation (PJ/GDP)	1.88	1.73	1.71	1.56	1.50	1.46	1.46	1.45	1.43	1.41	1.40	1.46	1.48	1.47

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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<b>4.76</b>	<b>4.80</b>	<b>4.94</b>	<b>5.01</b>	<b>5.06</b>	<b>5.09</b>	<b>5.16</b>	<b>5.20</b>	<b>5.36</b>	<b>5.69</b>	<b>5.82</b>	<b>5.79</b>	<b>5.71</b>	<b>5.78</b>	<b>5.82</b>	<b>5.84</b>	<b>5.88</b>
0.41	0.44	0.46	0.47	0.47	0.48	0.49	0.50	0.51	0.53	0.54	0.56	0.56	0.57	0.58	0.59	0.60
2.81	2.75	2.83	2.87	2.90	2.93	2.97	3.00	3.12	3.39	3.49	3.41	3.33	3.37	3.39	3.39	3.42
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.48	1.55	1.59	1.61	1.62	1.62	1.63	1.64	1.67	1.71	1.73	1.76	1.76	1.77	1.78	1.78	1.80
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
8.11	8.30	8.52	8.62	8.70	8.75	8.86	8.94	9.15	9.56	9.75	9.81	9.77	9.88	9.96	10.02	10.11
1.76	1.86	1.90	1.90	1.90	1.90	1.90	1.90	1.92	1.97	1.98	1.99	1.99	2.01	2.02	2.02	2.04
1.17	1.21	1.22	1.23	1.23	1.22	1.23	1.23	1.24	1.25	1.26	1.27	1.27	1.28	1.28	1.29	1.29
<b>8.71</b>	<b>8.95</b>	<b>9.20</b>	<b>9.30</b>	<b>9.38</b>	<b>9.43</b>	<b>9.53</b>	<b>9.61</b>	<b>9.84</b>	<b>10.28</b>	<b>10.47</b>	<b>10.53</b>	<b>10.49</b>	<b>10.61</b>	<b>10.70</b>	<b>10.76</b>	<b>10.86</b>
0.07	0.06	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02
7.48	7.69	7.94	8.03	8.11	8.17	8.28	8.35	8.58	9.00	9.17	9.21	9.16	9.27	9.36	9.41	9.50
0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02
0.86	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.89	0.90	0.90	0.90	0.91	0.91	0.91	0.91
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.29	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.36	0.37	0.39	0.39	0.40	0.40	0.41	0.41

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>2.46</b>	<b>2.31</b>	<b>2.28</b>	<b>2.26</b>	<b>2.25</b>	<b>2.23</b>	<b>2.21</b>	<b>2.20</b>	<b>2.20</b>	<b>2.22</b>	<b>2.21</b>	<b>2.14</b>	<b>2.11</b>	<b>2.09</b>	<b>2.08</b>	<b>2.06</b>	<b>2.04</b>
0.72	0.72	0.71	0.70	0.70	0.69	0.69	0.68	0.67	0.67	0.66	0.65	0.64	0.64	0.63	0.62	0.61
0.62	0.62	0.62	0.62	0.61	0.61	0.61	0.61	0.61	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.59
0.39	0.42	0.40	0.37	0.36	0.34	0.33	0.32	0.30	0.27	0.26	0.27	0.28	0.28	0.28	0.28	0.28
1.44	1.34	1.32	1.31	1.31	1.30	1.29	1.28	1.29	1.32	1.32	1.26	1.23	1.22	1.21	1.20	1.19

Table A2.15: Demand, Triple E, Canada

## Section 1: End Use Energy Prices (C\$2005/GJ)

(demand-weighted average of provincial prices) <sup>1</sup>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	22.67	22.10	22.26	21.38	20.59	19.25	20.48	20.97	21.31	22.16	22.79	22.72	23.07	22.65
Natural Gas	8.87	9.58	9.70	9.62	9.82	10.60	11.44	12.17	14.48	13.98	14.17	13.11	12.07	11.21
Light Fuel Oil	14.29	14.19	13.13	15.18	15.22	18.76	19.83	19.02	18.84	18.69	19.73	18.63	17.60	16.64
<b>Commercial</b>														
Electricity	21.92	21.67	22.90	22.83	20.02	18.89	20.24	20.62	21.69	23.24	24.81	25.11	26.04	25.48
Natural Gas	6.71	7.39	7.49	7.59	7.71	8.70	9.80	10.75	13.58	13.47	14.15	13.19	12.30	11.47
Light Fuel Oil	13.78	13.88	12.74	14.74	14.91	18.47	19.55	18.74	18.56	18.40	19.45	18.34	17.30	16.34
<b>Industrial</b>														
Electricity	13.06	13.80	13.88	13.49	12.25	11.52	12.51	12.75	13.36	14.14	14.93	15.03	15.60	15.35
Natural Gas	3.62	4.04	6.05	5.26	5.38	6.51	7.76	8.78	11.61	11.50	12.21	11.25	10.37	9.55
Heavy Fuel Oil	8.92	9.07	8.27	9.52	9.64	13.59	15.03	14.33	14.11	13.98	15.03	13.95	12.93	12.00
<b>Transportation</b>														
Gasoline	27.00	27.18	27.22	27.24	27.23	29.95	30.18	28.94	28.65	28.40	29.26	28.05	26.90	25.83
Diesel	21.77	22.65	20.83	21.28	21.27	24.43	25.06	24.03	23.80	23.59	24.55	23.39	22.29	21.28

## Section 2: Secondary Demand (petajoules)

(includes end use demand and feedstocks)	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>9 701.64</b>	<b>9 537.54</b>	<b>9 928.07</b>	<b>10 172.72</b>	<b>10 416.37</b>	<b>10 522.60</b>	<b>10 628.56</b>	<b>10 754.38</b>	<b>10 720.74</b>	<b>10 802.40</b>	<b>10 834.69</b>	<b>10 884.39</b>	<b>10 883.62</b>	<b>10 984.27</b>
RPP <sup>2,3</sup>	3 874.66	3 972.63	4 098.26	4 240.19	4 422.31	4 431.72	4 456.73	4 547.40	4 585.15	4 615.16	4 669.19	4 713.87	4 767.02	4 849.91
Electric	1 803.57	1 798.62	1 851.86	1 874.41	1 884.99	1 926.29	1 948.60	1 959.11	1 949.73	1 969.37	1 980.80	1 990.40	1 983.05	1 986.95
Natural Gas	3 146.66	2 940.88	3 100.46	3 167.82	3 211.24	3 275.58	3 339.01	3 338.35	3 273.80	3 284.58	3 226.90	3 210.50	3 156.80	3 158.11
Biofuels & Emerging Energy <sup>4</sup>	635.05	589.69	636.99	647.23	661.70	638.79	630.80	662.58	662.30	674.85	697.22	712.54	725.44	741.06
Other <sup>5</sup>	241.70	235.73	240.49	243.07	236.14	250.23	253.43	246.93	249.76	258.44	260.59	257.09	251.31	248.24
<b>Residential Sector</b>	<b>1 391.99</b>	<b>1 338.23</b>	<b>1 390.77</b>	<b>1 447.68</b>	<b>1 425.07</b>	<b>1 467.19</b>	<b>1 493.65</b>	<b>1 529.82</b>	<b>1 515.19</b>	<b>1 513.20</b>	<b>1 511.62</b>	<b>1 518.39</b>	<b>1 519.04</b>	<b>1 519.79</b>
Biomass	104.16	98.53	104.37	109.51	111.91	114.06	116.31	118.71	118.56	118.97	119.67	121.00	121.79	122.46
Electricity	497.64	504.87	517.53	532.76	543.66	552.77	564.40	575.78	572.45	572.20	572.78	576.53	577.45	578.13
Natural Gas	644.82	600.97	640.21	670.18	651.08	679.02	692.50	706.71	696.44	694.79	692.20	693.14	692.02	691.10
RPP	143.76	132.51	127.69	134.26	117.34	120.13	119.23	118.55	115.92	113.86	111.71	109.78	107.55	105.49
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.86	10.65	12.22	14.14	16.87	19.19	21.61
Other	1.61	1.35	0.97	0.97	1.07	1.20	1.21	1.21	1.17	1.15	1.11	1.07	1.04	1.00
<b>Commercial Sector</b>	<b>1 368.71</b>	<b>1 341.18</b>	<b>1 425.79</b>	<b>1 443.90</b>	<b>1 458.96</b>	<b>1 498.93</b>	<b>1 509.92</b>	<b>1 519.43</b>	<b>1 486.23</b>	<b>1 481.18</b>	<b>1 472.21</b>	<b>1 463.52</b>	<b>1 449.41</b>	<b>1 448.55</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
Electricity	466.15	457.63	488.33	486.05	492.32	516.02	523.32	528.55	524.23	526.42	527.40	527.63	525.26	525.45
Natural Gas	722.13	688.49	729.56	702.46	679.48	696.89	696.85	691.91	662.31	649.67	634.62	620.18	604.20	596.91
RPP	180.05	194.45	207.57	255.04	286.74	285.50	289.22	292.76	292.09	296.16	299.78	303.89	306.79	311.68
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.69	7.09	8.42	9.91	11.34	12.64	13.99
Other	0.38	0.60	0.32	0.34	0.42	0.52	0.52	0.52	0.51	0.50	0.49	0.48	0.50	0.50
<b>Industrial Sector</b>	<b>4 453.21</b>	<b>4 393.03</b>	<b>4 612.43</b>	<b>4 704.06</b>	<b>4 853.77</b>	<b>4 867.95</b>	<b>4 927.37</b>	<b>4 978.00</b>	<b>5 043.59</b>	<b>5 153.79</b>	<b>5 208.61</b>	<b>5 263.96</b>	<b>5 282.59</b>	<b>5 375.16</b>
Biomass	530.89	491.15	532.62	537.72	549.78	524.72	514.49	504.98	501.76	510.90	518.69	523.95	527.92	533.86
Coal, Coke & Coke Oven Gas	204.90	197.43	204.12	204.18	195.46	207.17	210.74	204.79	208.45	216.88	219.20	215.92	210.68	208.01
Electricity	836.66	833.05	842.65	852.21	845.56	854.13	857.57	851.52	849.91	867.71	877.63	883.30	877.44	880.51
Natural Gas	1 777.34	1 649.44	1 728.94	1 793.43	1 878.92	1 897.96	1 948.02	1 938.17	1 913.60	1 938.73	1 898.74	1 895.89	1 859.33	1 868.88
LPG & Petroleum Feedstocks	363.19	462.48	506.00	491.03	579.01	560.41	568.09	578.12	578.68	595.26	610.72	622.23	633.25	648.93
RPP	325.22	317.21	296.47	325.60	324.92	328.85	327.74	324.64	322.49	326.46	329.18	331.21	333.15	337.83
Still Gas & Petroleum Coke	380.19	405.91	466.55	462.31	440.92	453.36	459.76	535.37	629.06	657.95	714.67	751.84	801.73	858.40
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	34.82	36.36	35.08	37.59	39.19	41.35	40.95	40.41	39.63	39.91	39.78	39.62	39.10	38.73

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
23.33	23.13	22.90	22.93	22.74	22.76	22.78	22.79	23.23	23.66	23.95	24.31	24.73	25.42	25.88	26.43	27.00
10.43	10.15	9.52	8.92	8.40	7.94	7.94	7.84	7.73	7.62	7.51	7.79	7.70	7.60	7.51	7.42	7.34
15.76	15.78	15.07	14.42	13.82	13.29	13.62	13.58	13.55	13.52	13.49	14.27	14.24	14.20	14.17	14.14	14.11
26.89	26.85	26.77	27.27	27.30	27.58	27.90	28.17	29.19	30.37	31.06	31.88	32.67	33.99	34.88	35.85	36.82
10.72	10.57	9.97	9.41	8.91	8.46	8.58	8.56	8.56	8.54	8.52	9.04	9.02	9.01	8.99	8.98	8.96
15.45	15.47	14.75	14.09	13.49	12.96	13.28	13.24	13.21	13.17	13.14	13.91	13.87	13.84	13.80	13.77	13.73
15.96	15.91	15.86	16.13	16.17	16.34	16.48	16.57	17.12	17.71	18.11	18.57	19.00	19.72	20.24	20.84	21.42
8.81	8.68	8.11	7.58	7.11	6.69	6.85	6.87	6.88	6.88	6.89	7.42	7.43	7.44	7.44	7.45	7.45
11.15	11.20	10.52	9.89	9.33	8.82	9.17	9.15	9.13	9.11	9.09	9.88	9.87	9.85	9.83	9.81	9.79
24.84	24.70	23.90	23.17	22.50	21.91	22.13	22.05	21.98	21.91	21.84	22.53	22.46	22.39	22.33	22.26	22.20
20.34	20.28	19.53	18.84	18.21	17.65	17.93	17.87	17.82	17.77	17.71	18.44	18.39	18.34	18.29	18.24	18.19

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>11 020.68</b>	<b>11 112.18</b>	<b>11 180.63</b>	<b>11 178.45</b>	<b>11 134.70</b>	<b>11 107.36</b>	<b>11 123.06</b>	<b>11 125.02</b>	<b>11 110.57</b>	<b>11 085.81</b>	<b>11 077.57</b>	<b>11 081.19</b>	<b>11 124.86</b>	<b>11 132.48</b>	<b>11 110.63</b>	<b>11 093.32</b>	<b>11 119.08</b>
4 893.99	4 971.35	5 049.80	5 091.86	5 119.70	5 153.37	5 198.49	5 230.57	5 253.59	5 273.58	5 299.74	5 325.63	5 370.53	5 403.33	5 426.99	5 454.39	5 494.60
1 982.88	1 992.37	2 003.49	1 999.12	1 985.08	1 971.56	1 970.72	1 966.29	1 954.98	1 937.24	1 922.21	1 913.86	1 912.96	1 902.50	1 883.94	1 865.71	1 855.42
3 144.68	3 132.76	3 093.72	3 047.37	2 991.82	2 945.93	2 911.61	2 882.73	2 858.76	2 837.82	2 823.85	2 810.58	2 806.02	2 793.36	2 773.75	2 754.53	2 743.95
754.24	774.06	793.94	803.77	807.28	809.97	819.46	826.44	829.03	827.04	825.89	829.02	836.96	839.48	837.24	835.18	845.81
244.89	241.63	239.69	236.33	230.83	226.53	222.77	218.99	214.20	210.14	205.88	202.11	198.41	193.82	188.70	183.50	179.30
<b>1 514.93</b>	<b>1 519.02</b>	<b>1 527.03</b>	<b>1 525.79</b>	<b>1 521.78</b>	<b>1 514.23</b>	<b>1 507.10</b>	<b>1 499.39</b>	<b>1 488.90</b>	<b>1 476.38</b>	<b>1 463.50</b>	<b>1 448.48</b>	<b>1 442.29</b>	<b>1 433.26</b>	<b>1 422.40</b>	<b>1 412.41</b>	<b>1 404.58</b>
122.50	123.23	124.15	124.23	123.92	123.29	122.76	122.22	121.49	120.59	119.61	118.64	118.40	117.97	117.39	116.92	116.73
575.80	576.97	579.35	577.96	575.17	570.90	567.22	563.57	558.96	553.54	547.86	541.90	539.09	535.17	530.54	526.16	522.55
688.79	690.52	694.39	694.43	693.64	691.35	688.77	685.72	681.30	676.07	670.87	664.05	661.29	657.24	652.39	647.96	644.35
103.26	101.72	100.53	98.94	97.30	95.68	94.12	92.67	91.20	89.67	88.19	86.63	85.69	84.72	83.73	82.89	82.33
23.63	25.65	27.71	29.38	30.92	32.23	33.47	34.49	35.27	35.85	36.32	36.65	37.24	37.60	37.81	37.97	38.12
0.96	0.92	0.89	0.86	0.82	0.79	0.75	0.72	0.69	0.66	0.64	0.61	0.58	0.56	0.53	0.51	0.49
<b>1 444.97</b>	<b>1 453.64</b>	<b>1 460.18</b>	<b>1 466.67</b>	<b>1 473.09</b>	<b>1 481.55</b>	<b>1 492.60</b>	<b>1 503.51</b>	<b>1 510.11</b>	<b>1 519.12</b>	<b>1 530.74</b>	<b>1 541.14</b>	<b>1 554.80</b>	<b>1 564.77</b>	<b>1 573.24</b>	<b>1 583.37</b>	<b>1 596.52</b>
0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.05	0.05
522.84	524.37	525.41	524.30	522.88	521.00	520.65	519.15	516.30	513.14	510.65	508.43	506.93	504.16	500.85	497.84	495.45
590.82	590.08	587.94	589.13	590.51	594.33	598.23	604.52	608.37	615.13	623.17	629.89	638.46	645.46	651.89	659.21	668.21
315.63	322.24	328.70	334.08	339.55	345.15	351.69	356.99	361.86	366.66	372.15	377.53	383.61	388.96	393.99	399.53	405.80
15.15	16.42	17.60	18.63	19.63	20.54	21.48	22.29	22.99	23.59	24.15	24.68	25.19	25.57	25.87	26.15	26.43
0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.52	0.55	0.56	0.56	0.56	0.57	0.57	0.58	0.58	0.58
<b>5 417.62</b>	<b>5 480.86</b>	<b>5 511.73</b>	<b>5 491.74</b>	<b>5 433.30</b>	<b>5 390.62</b>	<b>5 386.82</b>	<b>5 375.11</b>	<b>5 360.19</b>	<b>5 336.33</b>	<b>5 324.66</b>	<b>5 334.18</b>	<b>5 357.98</b>	<b>5 357.68</b>	<b>5 334.93</b>	<b>5 311.46</b>	<b>5 312.17</b>
538.75	549.32	559.85	562.76	559.77	557.96	563.16	566.61	566.46	562.56	559.74	561.42	566.09	566.05	561.66	557.35	557.23
205.00	201.73	199.41	195.08	189.65	185.31	181.17	177.24	172.41	167.55	163.32	159.39	155.41	150.81	145.91	140.94	136.77
881.43	888.22	895.93	894.07	884.25	876.88	880.06	880.79	876.96	867.80	860.95	860.81	864.22	860.44	849.83	838.99	834.69
1 863.87	1 850.97	1 810.19	1 762.61	1 706.48	1 659.05	1 623.41	1 591.28	1 567.89	1 545.43	1 528.61	1 515.46	1 505.10	1 489.49	1 468.31	1 446.22	1 430.25
659.33	673.79	692.02	702.74	711.03	720.16	733.34	743.18	751.05	756.83	765.30	777.41	791.68	802.81	811.17	819.35	830.29
341.98	350.07	358.66	366.45	371.47	377.89	387.29	394.56	399.37	405.53	411.18	418.18	426.66	433.21	438.40	444.19	452.29
888.84	928.28	956.79	968.14	970.80	973.46	978.06	980.93	985.49	989.25	994.19	999.96	1 006.98	1 012.98	1 017.97	1 022.95	1 029.19
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38.43	38.47	38.89	39.89	39.84	39.92	40.33	40.52	40.55	41.37	41.37	41.55	41.85	41.88	41.69	41.47	41.45

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>2 487.74</b>	<b>2 465.10</b>	<b>2 499.08</b>	<b>2 577.08</b>	<b>2 678.57</b>	<b>2 688.54</b>	<b>2 697.63</b>	<b>2 727.13</b>	<b>2 675.74</b>	<b>2 654.24</b>	<b>2 642.25</b>	<b>2 638.52</b>	<b>2 632.58</b>	<b>2 640.78</b>
Aviation Fuel	195.11	172.29	188.17	194.92	210.17	212.99	215.85	218.75	221.69	224.68	227.71	230.77	233.89	237.05
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.08	3.07	3.09	4.01	4.33	4.61	4.95
Diesel	889.20	866.51	859.88	908.26	966.21	981.88	995.75	1 001.42	987.00	986.35	984.16	982.30	978.68	983.11
Electric	3.12	3.08	3.35	3.39	3.46	3.37	3.31	3.26	3.14	3.05	2.98	2.94	2.89	2.86
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.25	21.18	21.25	30.80	35.04	39.27	44.18
Heavy Fuel Oil	28.41	33.86	34.63	35.20	36.29	36.74	37.20	37.67	38.14	38.61	39.10	39.59	40.08	40.58
LPG	15.92	17.03	12.36	11.88	12.67	12.01	11.33	10.63	9.76	9.07	8.39	7.76	7.19	6.69
Lubricants	11.70	11.91	12.91	13.62	13.23	13.61	14.09	14.60	14.78	15.14	15.55	16.04	16.44	16.89
Motor Gasoline	1341.90	1358.46	1386.04	1408.06	1434.79	1426.23	1418.48	1414.88	1375.53	1351.61	1328.24	1318.47	1308.28	1303.26
Natural Gas	2.37	1.96	1.74	1.75	1.75	1.70	1.63	1.57	1.46	1.39	1.33	1.29	1.25	1.22

<b>Section 3: Primary Demand (petajoules)</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Secondary Demand	9 701.64	9 537.54	9 928.07	10 172.72	10 416.37	10 522.60	10 628.56	10 754.38	10 720.74	10 802.40	10 834.69	10 884.39	10 883.61	10 984.27
Total Electric and Steam Energy Demand for Generation	3 694.00	3 666.56	3 617.04	3 690.23	3 775.88	3 837.08	3 881.93	3 950.86	3 992.57	3 941.95	3 931.37	3 943.47	3 898.29	3 884.90
Less Electricity and Steam Secondary Demand	1 838.70	1 835.30	1 887.26	1 912.34	1 924.60	1 968.15	1 990.07	2 000.04	1 989.86	2 009.78	2 021.07	2 030.50	2 022.64	2 026.17
<b>Total Primary Demand</b>	<b>11 556.94</b>	<b>11 368.80</b>	<b>11 657.85</b>	<b>11 950.61</b>	<b>12 267.66</b>	<b>12 391.53</b>	<b>12 520.43</b>	<b>12 705.20</b>	<b>12 723.44</b>	<b>12 734.57</b>	<b>12 744.99</b>	<b>12 797.35</b>	<b>12 759.26</b>	<b>12 843.00</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Natural Gas	3 444.01	3 252.05	3 366.04	3 459.41	3 495.05	3 680.32	3 779.01	3 794.84	3 726.63	3 757.85	3 718.97	3 704.54	3 638.36	3 655.66
RPP	4 005.36	4 129.72	4 226.67	4 399.41	4 610.19	4 615.34	4 647.86	4 737.15	4 787.00	4 796.99	4 856.66	4 897.71	4 922.68	5 004.74
Coal, Coke and Coke Oven Gas	1 394.19	1 366.67	1 348.18	1 415.83	1 289.24	1 111.60	1 104.40	1 106.23	1 111.90	1 056.56	949.58	910.27	853.23	811.43
Hydro	1 280.43	1 189.61	1 251.53	1 205.26	1 216.99	1 217.64	1 233.99	1 250.51	1 289.49	1 330.44	1 353.75	1 354.88	1 364.93	1 367.50
Nuclear	796.63	839.30	826.52	819.53	988.77	1 060.26	1 053.89	1 066.27	1 040.59	992.57	1 028.35	1 063.34	1 084.61	1 077.22
Biofuels & Emerging Energy	636.32	591.45	638.91	651.18	667.42	706.37	701.28	750.21	767.83	800.18	837.69	866.62	895.46	926.46

<b>Section 4: Ratios</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>9.56</b>	<b>9.24</b>	<b>9.32</b>	<b>9.34</b>	<b>9.26</b>	<b>9.07</b>	<b>8.88</b>	<b>8.74</b>	<b>8.59</b>	<b>8.41</b>	<b>8.20</b>	<b>8.04</b>	<b>7.88</b>	<b>7.76</b>
Residential (PJ/Personal Income)	1.76	1.66	1.72	1.78	1.71	1.72	1.69	1.66	1.63	1.60	1.56	1.51	1.48	1.44
Commercial (PJ/GO)	1.26	1.21	1.25	1.24	1.21	1.20	1.17	1.15	1.11	1.08	1.05	1.02	0.99	0.96
Industrial (PJ/GO)	5.24	5.21	5.33	5.40	5.34	5.20	5.08	4.96	4.88	4.75	4.60	4.50	4.40	4.34
Transportation (PJ/GDP)	2.45	2.39	2.35	2.36	2.38	2.32	2.25	2.22	2.14	2.07	2.00	1.95	1.91	1.86

[1] Please note that there is no Canadian end-use price for the various fuels. The prices shown here are a demand weighted average of provincial prices included for interest only.

Fuel demand and prices vary widely across provinces. The Canadian weighted average could lead to some unintuitive results.

[2] Refined Petroleum Products (RPP)

[3] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[4] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[5] Includes coal, coke, coke oven gas and steam

## National Energy Board

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>2 643.16</b>	<b>2 658.67</b>	<b>2 681.70</b>	<b>2 694.25</b>	<b>2 706.53</b>	<b>2 720.97</b>	<b>2 736.54</b>	<b>2 747.02</b>	<b>2 751.36</b>	<b>2 753.98</b>	<b>2 758.68</b>	<b>2 757.39</b>	<b>2 769.78</b>	<b>2 776.78</b>	<b>2 780.06</b>	<b>2 786.08</b>	<b>2 805.81</b>
240.25	243.50	246.79	250.14	253.53	256.96	260.45	263.99	267.58	271.22	274.91	278.65	282.45	286.30	290.21	294.18	298.20
5.30	5.74	6.19	6.59	6.94	7.26	7.56	7.80	8.00	8.17	8.33	8.50	8.69	8.84	8.97	9.10	17.26
984.17	991.04	998.93	1 002.93	1 006.13	1 012.31	1 021.34	1 027.29	1 030.21	1 033.41	1 038.62	1 042.70	1 050.46	1 055.71	1 059.33	1 064.34	1 072.43
2.82	2.80	2.80	2.79	2.79	2.79	2.79	2.78	2.77	2.76	2.75	2.72	2.73	2.73	2.72	2.72	2.73
48.89	53.68	58.41	62.16	66.07	68.68	71.00	73.01	74.77	76.24	77.69	79.08	81.29	83.39	85.48	87.63	89.98
41.09	41.60	42.12	42.65	43.18	43.72	44.27	44.82	45.38	45.95	46.52	47.10	47.69	48.29	48.89	49.50	50.12
6.25	5.89	5.60	5.32	5.07	4.85	4.66	4.50	4.34	4.20	4.08	3.97	3.88	3.80	3.73	3.66	3.61
17.27	17.79	18.33	18.75	19.15	19.53	19.96	20.36	20.71	21.04	21.39	21.76	22.26	22.70	23.09	23.51	23.97
1295.93	1295.44	1301.33	1301.74	1302.49	1303.67	1303.31	1301.28	1296.40	1289.81	1283.20	1271.72	1269.16	1263.85	1256.49	1250.29	1246.36
1.20	1.19	1.19	1.19	1.19	1.20	1.20	1.20	1.20	1.19	1.19	1.18	1.17	1.17	1.16	1.15	1.14

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
11 020.68	11 112.18	11 180.63	11 178.45	11 134.70	11 107.36	11 123.06	11 125.02	11 110.57	11 085.81	11 077.57	11 081.19	11 124.86	11 132.48	11 110.63	11 093.32	11 119.08
3 838.62	3 834.18	3 844.28	3 852.98	3 886.57	3 852.52	3 818.01	3 850.24	3 847.80	3 816.39	3 870.94	3 879.41	3 871.98	3 857.18	3 859.87	3 839.88	3 836.83
2 021.80	2 031.34	2 042.87	2 039.51	2 025.42	2 011.99	2 011.56	2 007.32	1 996.07	1 979.15	1 964.12	1 955.96	1 955.36	1 944.94	1 926.19	1 907.75	1 897.45
<b>12 837.50</b>	<b>12 915.03</b>	<b>12 982.04</b>	<b>12 991.91</b>	<b>12 995.84</b>	<b>12 947.89</b>	<b>12 929.51</b>	<b>12 967.94</b>	<b>12 962.30</b>	<b>12 923.05</b>	<b>12 984.38</b>	<b>13 004.64</b>	<b>13 041.48</b>	<b>13 044.72</b>	<b>13 044.30</b>	<b>13 025.45</b>	<b>13 058.45</b>

3 654.25	3 678.34	3 644.79	3 605.95	3 530.35	3 513.37	3 479.17	3 446.88	3 418.48	3 395.26	3 373.45	3 355.29	3 347.46	3 329.50	3 303.23	3 277.57	3 259.44
5 053.46	5 113.28	5 195.82	5 238.68	5 262.71	5 294.13	5 330.81	5 361.85	5 383.30	5 403.99	5 395.73	5 420.64	5 467.13	5 498.80	5 519.55	5 546.66	5 586.80
762.62	671.03	622.19	587.23	565.85	509.61	478.40	461.18	459.18	420.68	397.74	378.96	357.41	339.25	334.49	313.83	294.82
1 367.89	1 416.00	1 418.27	1 424.15	1 451.24	1 451.58	1 451.28	1 488.20	1 487.86	1 487.46	1 487.09	1 486.59	1 486.22	1 486.23	1 485.71	1 485.07	1 484.57
1 044.92	1 047.25	1 077.36	1 088.02	1 120.01	1 096.50	1 083.55	1 081.97	1 068.87	1 058.90	1 160.42	1 175.54	1 173.70	1 164.26	1 162.23	1 150.45	1 155.15
954.37	989.14	1 023.61	1 047.90	1 065.70	1 082.71	1 106.30	1 127.87	1 144.61	1 156.76	1 169.94	1 187.62	1 209.6	1 226.7	1 239.1	1 251.9	1 277.7

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>7.62</b>	<b>7.47</b>	<b>7.32</b>	<b>7.17</b>	<b>7.00</b>	<b>6.85</b>	<b>6.70</b>	<b>6.56</b>	<b>6.44</b>	<b>6.32</b>	<b>6.20</b>	<b>6.08</b>	<b>5.97</b>	<b>5.86</b>	<b>5.75</b>	<b>5.64</b>	<b>5.55</b>
1.40	1.36	1.33	1.30	1.26	1.23	1.20	1.18	1.15	1.12	1.09	1.07	1.04	1.01	0.99	0.96	0.93
0.94	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76
4.25	4.16	4.04	3.93	3.80	3.69	3.57	3.47	3.39	3.32	3.25	3.17	3.10	3.04	2.98	2.92	2.87
1.83	1.79	1.76	1.73	1.70	1.68	1.65	1.62	1.59	1.57	1.55	1.51	1.49	1.46	1.44	1.42	1.40

Table A2.16: Demand, Triple E, Alberta

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	27.09	27.26	29.50	29.94	26.14	26.79	27.83	25.97	27.91	29.40	32.38	33.81	35.30	33.39
Natural Gas	4.79	6.75	6.72	5.40	5.53	6.70	7.97	8.99	11.83	11.73	12.41	11.46	10.57	9.75
Light Fuel Oil	11.46	11.74	10.96	12.56	12.53	16.27	17.51	16.80	16.63	16.49	17.56	16.47	15.45	14.51
<b>Commercial</b>														
Electricity	22.63	26.68	29.76	38.27	30.37	30.07	32.07	29.06	32.61	35.44	41.17	44.10	47.20	44.14
Natural Gas	3.91	5.90	5.45	4.48	4.59	5.83	7.16	8.22	11.06	10.97	11.66	10.71	9.83	9.02
Light Fuel Oil	11.46	11.74	10.96	12.56	12.71	16.44	17.67	16.95	16.78	16.64	17.70	16.62	15.59	14.65
<b>Industrial</b>														
Electricity	14.55	18.68	17.55	17.05	13.93	13.99	14.69	13.45	14.78	15.83	17.96	19.03	20.16	18.92
Natural Gas	1.80	2.59	5.08	4.01	4.06	5.34	6.70	7.78	10.62	10.54	11.23	10.29	9.41	8.61
Heavy Fuel Oil	7.60	7.79	7.27	8.35	8.40	12.43	13.96	13.39	13.25	13.14	14.24	13.18	12.20	11.29
<b>Transportation</b>														
Gasoline	24.12	24.06	24.21	24.21	24.21	27.14	27.57	26.45	26.19	25.97	26.86	25.68	24.56	23.52
Diesel	19.03	20.25	18.14	18.85	18.85	22.15	22.95	22.01	21.80	21.62	22.59	21.45	20.38	19.38

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>2 325.14</b>	<b>2 365.74</b>	<b>2 416.61</b>	<b>2 542.22</b>	<b>2 682.60</b>	<b>2 714.72</b>	<b>2 814.54</b>	<b>2 922.24</b>	<b>2 997.92</b>	<b>3 064.80</b>	<b>3 093.47</b>	<b>3 143.68</b>	<b>3 165.78</b>	<b>3 240.36</b>
RPP <sup>1,2</sup>	780.09	888.50	888.20	928.06	1 026.26	988.91	1 019.67	1 120.47	1 214.50	1 249.68	1 311.71	1 353.61	1 406.58	1 469.44
Electric	199.50	203.09	208.25	195.85	202.16	207.42	210.48	210.17	207.97	209.84	208.53	207.76	204.57	204.54
Natural Gas	1 277.77	1 204.29	1 245.23	1 338.86	1 378.97	1 446.28	1 513.27	1 519.55	1 502.97	1 531.00	1 494.96	1 501.77	1 472.73	1 482.78
Biofuels & Emerging Energy <sup>3</sup>	56.50	57.40	64.15	68.61	66.05	63.29	62.38	63.56	64.19	65.95	69.99	72.37	73.96	75.85
Other <sup>4</sup>	11.28	12.45	10.77	10.84	9.17	8.83	8.74	8.50	8.29	8.33	8.28	8.17	7.94	7.74
<b>Residential Sector</b>	<b>188.90</b>	<b>170.32</b>	<b>188.40</b>	<b>190.26</b>	<b>189.45</b>	<b>198.66</b>	<b>205.64</b>	<b>212.95</b>	<b>209.60</b>	<b>209.21</b>	<b>207.60</b>	<b>207.71</b>	<b>206.95</b>	<b>206.33</b>
Biomass	0.46	0.43	0.48	0.46	0.45	0.47	0.48	0.50	0.50	0.50	0.50	0.51	0.52	0.52
Electricity	25.56	27.80	28.76	27.14	27.54	28.88	30.21	31.57	31.39	31.68	31.79	32.30	32.55	32.86
Natural Gas	160.35	139.77	157.00	160.78	159.81	167.66	173.33	177.78	174.46	173.54	171.64	170.90	169.65	168.45
RPP	1.88	1.77	1.76	1.76	1.58	1.57	1.54	1.50	1.43	1.37	1.31	1.24	1.17	1.11
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	1.76	2.04	2.29	2.70	3.01	3.34
Other	0.65	0.55	0.40	0.11	0.08	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.05	0.05
<b>Commercial Sector</b>	<b>242.86</b>	<b>251.32</b>	<b>269.38</b>	<b>277.43</b>	<b>305.77</b>	<b>314.47</b>	<b>320.92</b>	<b>325.27</b>	<b>318.53</b>	<b>318.70</b>	<b>318.02</b>	<b>316.75</b>	<b>313.62</b>	<b>314.00</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	51.82	52.67	53.31	46.64	52.58	53.43	54.67	55.66	55.23	55.60	55.67	55.53	54.92	54.76
Natural Gas	143.63	148.20	170.55	171.77	171.24	175.34	176.83	176.27	168.40	165.03	161.03	156.58	151.69	149.13
RPP	47.41	50.45	45.52	59.02	81.87	85.61	89.32	92.60	94.02	97.03	100.12	103.28	105.53	108.48
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.78	0.94	1.10	1.25	1.38	1.52
Other	0.00	0.00	0.00	0.00	0.08	0.09	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11
<b>Industrial Sector</b>	<b>1 498.41</b>	<b>1 527.81</b>	<b>1 559.47</b>	<b>1 660.61</b>	<b>1 752.09</b>	<b>1 766.24</b>	<b>1 837.78</b>	<b>1 921.31</b>	<b>2 015.14</b>	<b>2 083.04</b>	<b>2 114.84</b>	<b>2 166.90</b>	<b>2 195.43</b>	<b>2 269.70</b>
Biomass	56.04	56.97	63.67	68.15	65.60	62.83	61.90	60.90	61.16	62.47	63.52	64.16	64.33	64.74
Coal, Coke & Coke Oven Gas	0.59	0.73	0.64	0.93	0.59	0.71	0.73	0.72	0.75	0.79	0.83	0.84	0.85	0.87
Electricity	121.86	122.36	125.77	121.63	121.51	124.59	125.07	122.40	120.83	122.04	120.57	119.44	116.62	116.44
Natural Gas	973.69	916.23	917.60	1 006.22	1 047.84	1 103.19	1 163.04	1 165.44	1 160.05	1 192.38	1 162.25	1 174.25	1 151.37	1 165.18
LPG & Petroleum Feedstocks	141.59	224.51	224.57	238.37	295.26	260.14	263.02	269.67	271.20	277.25	283.79	287.78	292.58	299.82
RPP	28.82	30.36	24.99	26.39	28.01	28.35	30.77	33.07	34.09	35.22	36.28	37.22	37.88	38.72
Still Gas & Petroleum Coke	165.77	165.48	192.50	189.13	184.87	178.48	185.43	261.51	359.69	385.52	440.31	476.05	524.88	577.21
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	10.04	11.17	9.73	9.80	8.42	7.95	7.83	7.60	7.38	7.37	7.28	7.16	6.93	6.72

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
36.08	35.37	34.92	35.98	35.72	35.66	35.82	36.09	37.70	40.62	40.89	41.32	41.74	43.44	43.93	44.36	44.78
9.00	8.85	8.24	7.68	7.17	6.71	6.82	6.80	6.79	6.77	6.75	7.26	7.25	7.23	7.21	7.19	7.18
13.65	13.68	12.98	12.33	11.75	11.22	11.55	11.52	11.49	11.46	11.43	12.21	12.18	12.15	12.12	12.09	12.06
49.43	48.51	48.04	50.27	50.10	50.30	50.88	51.63	54.77	60.24	60.92	61.89	62.81	66.03	67.03	67.92	68.80
8.28	8.14	7.54	6.98	6.48	6.02	6.13	6.12	6.10	6.09	6.07	6.58	6.57	6.55	6.54	6.53	6.51
13.79	13.82	13.12	12.47	11.88	11.36	11.69	11.65	11.62	11.59	11.56	12.34	12.31	12.28	12.25	12.22	12.19
20.90	20.49	20.26	21.08	20.98	21.02	21.20	21.46	22.64	24.73	24.96	25.32	25.66	26.88	27.25	27.58	27.90
7.87	7.73	7.13	6.58	6.08	5.62	5.74	5.72	5.71	5.70	5.68	6.20	6.18	6.17	6.16	6.14	6.13
10.47	10.53	9.85	9.24	8.67	8.16	8.51	8.49	8.47	8.45	8.43	9.22	9.20	9.18	9.16	9.14	9.12
22.55	22.44	21.66	20.95	20.30	19.72	19.96	19.89	19.83	19.77	19.71	20.40	20.34	20.28	20.22	20.16	20.10
18.47	18.42	17.68	17.00	16.38	15.82	16.10	16.05	16.01	15.96	15.91	16.64	16.60	16.55	16.51	16.46	16.42

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>3 267.07</b>	<b>3 297.43</b>	<b>3 283.88</b>	<b>3 243.65</b>	<b>3 183.47</b>	<b>3 129.82</b>	<b>3 084.91</b>	<b>3 046.60</b>	<b>3 018.45</b>	<b>2 992.84</b>	<b>2 974.72</b>	<b>2 957.77</b>	<b>2 947.69</b>	<b>2 932.83</b>	<b>2 913.69</b>	<b>2 896.07</b>	<b>2 887.90</b>
1 501.63	1 546.38	1 578.08	1 589.13	1 589.98	1 591.83	1 595.75	1 597.80	1 601.46	1 604.48	1 610.60	1 617.14	1 627.18	1 635.54	1 642.81	1 651.36	1 662.64
202.01	200.73	198.59	195.19	191.01	187.26	184.30	181.55	178.98	176.04	173.81	171.86	170.49	168.69	166.59	164.64	163.26
1 478.34	1 463.24	1 418.01	1 369.40	1 312.87	1 261.28	1 214.47	1 176.00	1 146.57	1 121.55	1 099.93	1 078.25	1 058.61	1 037.10	1 013.45	989.82	968.97
77.55	79.69	81.88	82.74	82.59	82.60	83.64	84.62	84.97	84.48	84.23	84.48	85.47	85.69	85.17	84.74	87.62
7.53	7.38	7.32	7.19	7.01	6.85	6.76	6.63	6.47	6.29	6.15	6.04	5.95	5.82	5.66	5.51	5.39
<b>204.70</b>	<b>204.17</b>	<b>204.65</b>	<b>203.19</b>	<b>201.76</b>	<b>200.23</b>	<b>198.35</b>	<b>196.93</b>	<b>195.14</b>	<b>192.10</b>	<b>189.98</b>	<b>187.25</b>	<b>185.87</b>	<b>184.14</b>	<b>182.32</b>	<b>180.64</b>	<b>179.42</b>
0.52	0.52	0.52	0.52	0.52	0.51	0.51	0.50	0.50	0.49	0.49	0.48	0.48	0.47	0.47	0.46	0.46
32.91	33.14	33.54	33.53	33.54	33.52	33.47	33.51	33.46	33.15	33.04	32.86	32.98	33.02	33.03	33.09	33.25
166.59	165.66	165.52	163.98	162.45	160.85	158.97	157.45	155.68	153.00	151.00	148.49	146.97	145.22	143.40	141.69	140.31
1.04	0.99	0.94	0.89	0.84	0.80	0.75	0.71	0.67	0.63	0.60	0.57	0.53	0.50	0.47	0.45	0.42
3.59	3.83	4.08	4.23	4.38	4.51	4.63	4.73	4.81	4.80	4.83	4.83	4.89	4.91	4.92	4.94	4.96
0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01
<b>313.31</b>	<b>315.29</b>	<b>315.55</b>	<b>316.53</b>	<b>316.84</b>	<b>318.04</b>	<b>319.38</b>	<b>321.46</b>	<b>321.81</b>	<b>324.40</b>	<b>327.38</b>	<b>330.19</b>	<b>333.43</b>	<b>335.89</b>	<b>338.12</b>	<b>340.78</b>	<b>344.20</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54.20	54.13	53.97	53.61	53.20	52.86	52.66	52.37	51.96	51.57	51.25	50.98	50.76	50.43	50.08	49.81	49.64
146.57	145.16	142.55	141.36	139.71	138.91	137.68	137.73	136.34	137.04	137.93	138.44	139.24	139.69	140.09	140.67	141.65
110.80	114.13	117.06	119.50	121.78	124.04	126.72	128.97	131.06	133.28	135.63	138.16	140.75	143.05	145.20	147.52	150.08
1.63	1.75	1.86	1.95	2.04	2.12	2.21	2.28	2.34	2.40	2.46	2.51	2.56	2.60	2.64	2.67	2.71
0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
<b>2 300.78</b>	<b>2 329.60</b>	<b>2 314.70</b>	<b>2 276.37</b>	<b>2 219.52</b>	<b>2 167.25</b>	<b>2 124.31</b>	<b>2 086.72</b>	<b>2 061.65</b>	<b>2 038.62</b>	<b>2 020.31</b>	<b>2 005.09</b>	<b>1 992.88</b>	<b>1 977.73</b>	<b>1 958.95</b>	<b>1 940.48</b>	<b>1 926.63</b>
65.23	66.20	67.21	67.24	66.30	65.57	65.97	66.35	66.22	65.47	64.88	64.88	65.48	65.42	64.68	64.05	64.21
0.88	0.89	0.90	0.91	0.90	0.90	0.91	0.90	0.89	0.87	0.86	0.86	0.85	0.83	0.82	0.80	0.78
114.44	112.99	110.63	107.61	103.83	100.43	97.72	95.24	93.13	90.90	89.10	87.61	86.34	84.84	83.08	81.34	79.98
1 165.15	1 152.41	1 109.92	1 064.03	1 010.70	961.51	917.81	880.81	854.55	831.50	811.00	791.32	772.39	752.18	729.96	707.47	687.01
304.03	309.81	315.87	318.50	320.17	322.28	325.58	327.91	329.67	331.01	333.50	337.17	342.00	346.20	349.80	353.69	358.62
39.26	40.00	40.47	40.68	40.72	40.78	40.95	41.02	41.03	41.08	41.32	41.60	41.98	42.29	42.55	42.91	43.40
605.30	640.97	663.42	671.27	670.94	669.96	669.67	668.91	670.71	672.50	674.50	676.59	678.87	681.11	683.34	685.64	688.15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.50	6.34	6.27	6.13	5.96	5.81	5.71	5.58	5.44	5.28	5.15	5.05	4.97	4.86	4.72	4.59	4.48

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>394.97</b>	<b>416.29</b>	<b>399.35</b>	<b>413.92</b>	<b>435.29</b>	<b>435.36</b>	<b>450.20</b>	<b>462.72</b>	<b>454.65</b>	<b>453.84</b>	<b>453.01</b>	<b>452.31</b>	<b>449.78</b>	<b>450.33</b>
Aviation Fuel	30.03	31.54	29.17	28.73	29.98	30.43	30.88	31.35	31.82	32.29	32.78	33.27	33.77	34.27
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.59	0.73	0.88
Diesel	185.20	193.46	179.31	198.60	214.00	213.17	222.33	229.65	226.11	226.70	226.05	224.69	222.56	222.65
Electric	0.26	0.26	0.41	0.43	0.52	0.52	0.53	0.54	0.52	0.51	0.50	0.49	0.49	0.48
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.15	3.15	4.00	4.85
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	4.41	4.39	3.47	3.08	2.98	2.75	2.58	2.39	2.15	1.96	1.76	1.57	1.39	1.24
Lubricants	1.57	1.39	1.29	1.40	1.47	1.50	1.58	1.66	1.68	1.73	1.78	1.83	1.87	1.92
Motor Gasoline	173.40	185.15	185.61	181.58	186.24	186.91	192.21	197.06	192.30	190.60	187.53	186.68	184.94	184.02
Natural Gas	0.10	0.10	0.09	0.09	0.09	0.08	0.07	0.07	0.06	0.05	0.04	0.04	0.03	0.03

<b>Section 3: Primary Demand (petajoules)</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Secondary Demand	2 325.14	2 365.74	2 416.60	2 542.22	2 682.60	2 714.72	2 814.54	2 922.24	2 997.92	3 064.80	3 093.47	3 143.68	3 165.78	3 240.36
Total Electric and Steam Energy Demand for Generation	602.85	619.06	591.06	589.94	584.25	638.09	649.36	641.00	618.74	626.92	633.41	625.30	603.39	592.61
Less Electricity and Steam Secondary Demand	209.53	214.26	217.98	205.65	210.66	215.46	218.41	217.87	215.45	217.32	215.92	215.03	211.60	211.37
<b>Total Primary Demand</b>	<b>2 718.45</b>	<b>2 770.54</b>	<b>2 789.68</b>	<b>2 926.51</b>	<b>3 056.20</b>	<b>3 137.35</b>	<b>3 245.49</b>	<b>3 345.37</b>	<b>3 401.22</b>	<b>3 474.40</b>	<b>3 510.95</b>	<b>3 553.95</b>	<b>3 557.57</b>	<b>3 621.61</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Natural Gas	1 395.05	1 307.32	1 329.88	1 423.79	1 461.41	1 608.31	1 687.68	1 701.51	1 687.98	1 722.36	1 684.27	1 690.15	1 660.89	1 674.17
RPP	780.49	888.87	888.54	928.58	1 026.82	989.44	1 020.20	1 120.99	1 215.03	1 250.20	1 312.23	1 358.00	1 414.25	1 477.12
Coal, Coke and Coke Oven Gas	479.45	510.83	499.75	496.26	490.70	457.10	456.03	438.66	410.37	407.40	415.44	405.40	379.08	363.66
Hydro	6.32	5.16	6.19	6.28	6.75	6.82	6.82	6.82	8.40	8.40	8.40	8.40	8.40	8.40
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	57.14	58.37	65.33	71.61	70.51	75.68	74.77	77.38	79.44	86.04	90.61	92.00	94.94	98.26

<b>Section 4: Ratios</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>13.87</b>	<b>13.65</b>	<b>14.31</b>	<b>15.32</b>	<b>15.35</b>	<b>15.61</b>	<b>15.29</b>	<b>15.35</b>	<b>15.70</b>	<b>15.65</b>	<b>15.29</b>	<b>15.31</b>	<b>15.27</b>	<b>15.47</b>
Residential (PJ/Personal Income)	2.32	1.94	2.16	2.19	2.07	2.11	2.06	2.02	1.97	1.92	1.87	1.80	1.75	1.70
Commercial (PJ/GO)	2.06	2.05	2.13	2.15	2.31	2.27	2.22	2.17	2.10	2.04	1.98	1.92	1.86	1.82
Industrial (PJ/GO)	18.68	18.43	18.54	19.01	19.34	19.03	18.76	18.70	18.86	18.61	18.16	18.01	17.83	17.82
Transportation (PJ/GDP)	3.17	3.24	3.06	3.10	3.14	3.05	3.00	2.96	2.86	2.76	2.66	2.59	2.53	2.48

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>448.28</b>	<b>448.36</b>	<b>448.98</b>	<b>447.55</b>	<b>445.35</b>	<b>444.30</b>	<b>442.86</b>	<b>441.48</b>	<b>439.85</b>	<b>437.72</b>	<b>437.06</b>	<b>435.25</b>	<b>435.51</b>	<b>435.07</b>	<b>434.31</b>	<b>434.17</b>	<b>437.64</b>
34.79	35.31	35.84	36.38	36.92	37.48	38.04	38.61	39.19	39.78	40.37	40.98	41.59	42.22	42.85	43.49	44.15
1.02	1.15	1.27	1.38	1.47	1.57	1.66	1.74	1.81	1.87	1.93	1.99	2.06	2.11	2.15	2.20	4.73
220.99	220.63	219.80	218.41	216.34	215.09	213.79	212.41	211.10	210.32	210.07	209.45	209.53	209.28	208.87	208.86	209.48
0.47	0.46	0.46	0.46	0.45	0.45	0.44	0.44	0.43	0.42	0.42	0.41	0.41	0.40	0.40	0.40	0.40
5.57	6.24	6.92	7.42	7.88	8.31	8.68	9.01	9.29	9.45	9.65	9.78	10.00	10.17	10.30	10.42	10.55
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.10	0.98	0.87	0.78	0.69	0.61	0.54	0.48	0.42	0.37	0.33	0.29	0.26	0.22	0.20	0.17	0.15
1.95	2.00	2.05	2.08	2.10	2.13	2.16	2.19	2.22	2.24	2.27	2.29	2.34	2.37	2.41	2.44	2.49
182.37	181.57	181.76	180.65	179.48	178.66	177.54	176.60	175.38	173.27	172.01	170.04	169.32	168.29	167.13	166.18	165.71
0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
3 267.07	3 297.43	3 283.88	3 243.65	3 183.47	3 129.82	3 084.90	3 046.60	3 018.45	2 992.84	2 974.72	2 957.77	2 947.69	2 932.83	2 913.69	2 896.07	2 887.90
577.18	563.70	555.43	542.64	534.48	516.73	497.13	488.01	494.69	475.42	460.78	448.86	437.46	426.09	429.11	415.55	405.61
208.62	207.17	204.97	201.44	197.09	193.18	190.11	187.24	184.54	181.43	179.07	177.02	175.57	173.66	171.43	169.34	167.86
<b>3 635.63</b>	<b>3 653.95</b>	<b>3 634.34</b>	<b>3 584.85</b>	<b>3 520.86</b>	<b>3 453.37</b>	<b>3 391.92</b>	<b>3 347.37</b>	<b>3 328.60</b>	<b>3 286.83</b>	<b>3 256.43</b>	<b>3 229.62</b>	<b>3 209.58</b>	<b>3 185.26</b>	<b>3 171.37</b>	<b>3 142.28</b>	<b>3 125.65</b>

1 669.66	1 657.81	1 612.56	1 563.90	1 507.31	1 455.62	1 408.56	1 370.00	1 340.48	1 315.32	1 293.66	1 272.04	1 252.33	1 230.77	1 207.13	1 183.47	1 162.58
1 512.59	1 557.34	1 589.03	1 600.09	1 600.93	1 602.78	1 606.70	1 608.76	1 612.42	1 618.72	1 624.84	1 631.38	1 644.70	1 653.06	1 660.34	1 668.88	1 680.17
343.58	325.43	315.88	301.91	292.72	274.08	253.84	243.94	249.81	226.51	211.03	197.76	182.58	170.43	172.55	158.13	147.33
8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.39	104.96	108.47	110.54	111.49	112.48	114.40	116.26	117.48	117.87	118.50	120.03	121.57	122.59	122.94	123.39	127.16

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>15.47</b>	<b>15.37</b>	<b>15.03</b>	<b>14.65</b>	<b>14.21</b>	<b>13.78</b>	<b>13.33</b>	<b>12.97</b>	<b>12.72</b>	<b>12.50</b>	<b>12.25</b>	<b>11.99</b>	<b>11.72</b>	<b>11.49</b>	<b>11.28</b>	<b>11.07</b>	<b>10.85</b>
1.65	1.61	1.57	1.53	1.50	1.47	1.43	1.40	1.37	1.34	1.31	1.28	1.25	1.22	1.19	1.16	1.13
1.78	1.74	1.70	1.68	1.65	1.63	1.60	1.58	1.56	1.55	1.53	1.52	1.51	1.49	1.48	1.47	1.46
17.69	17.45	17.08	16.65	16.18	15.73	15.28	14.91	14.60	14.28	13.98	13.67	13.39	13.12	12.86	12.60	12.35
2.43	2.37	2.34	2.30	2.26	2.23	2.19	2.16	2.13	2.09	2.05	2.01	1.98	1.95	1.92	1.89	1.87

Table A2.17: Demand, Triple E, British Columbia

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	18.62	17.79	17.86	16.90	16.34	15.13	18.51	18.14	18.24	19.04	19.30	19.66	19.71	19.79
Natural Gas	8.77	8.80	8.30	8.60	8.84	9.78	10.82	11.73	14.53	14.41	15.07	14.09	13.17	12.33
Light Fuel Oil	12.36	12.66	11.83	13.57	13.52	17.18	18.36	17.61	17.44	17.29	18.35	17.25	16.23	15.28
<b>Commercial</b>														
Electricity	16.92	16.36	16.32	15.32	13.57	12.61	15.65	15.34	15.42	16.13	16.37	16.68	16.73	16.81
Natural Gas	7.10	7.30	6.87	7.18	7.38	8.43	9.57	10.52	13.34	13.23	13.91	12.94	12.03	11.20
Light Fuel Oil	12.36	12.66	11.83	13.57	13.73	17.39	18.55	17.79	17.62	17.47	18.52	17.43	16.40	15.45
<b>Industrial</b>														
Electricity	11.38	10.86	10.93	10.27	9.58	8.93	11.10	10.82	10.88	11.38	11.55	11.77	11.81	11.87
Natural Gas	4.88	6.32	5.85	6.33	6.45	7.56	8.76	9.75	12.58	12.47	13.15	12.19	11.29	10.47
Heavy Fuel Oil	8.20	8.42	7.85	9.00	9.06	13.03	14.52	13.92	13.79	13.67	14.76	13.70	12.71	11.80
<b>Transportation</b>														
Gasoline	28.07	28.12	28.13	28.13	28.13	30.79	30.96	29.69	29.40	29.15	30.01	28.81	27.65	26.57
Diesel	21.30	22.94	20.98	21.67	21.67	24.77	25.38	24.35	24.11	23.91	24.86	23.70	22.60	21.58

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>1 203.38</b>	<b>1 176.37</b>	<b>1 172.18</b>	<b>1 162.28</b>	<b>1 185.25</b>	<b>1 175.90</b>	<b>1 184.99</b>	<b>1 181.58</b>	<b>1 161.22</b>	<b>1 158.99</b>	<b>1 162.12</b>	<b>1 157.06</b>	<b>1 150.68</b>	<b>1 148.96</b>
RPP <sup>1,2</sup>	394.60	389.83	393.81	394.22	417.14	429.59	439.04	442.60	434.38	430.88	429.45	427.74	426.67	427.12
Electric	216.36	208.03	208.41	213.84	217.60	219.62	222.21	222.17	220.57	222.38	225.09	225.40	225.18	225.32
Natural Gas	353.56	359.75	353.16	328.98	327.70	305.04	303.26	298.13	287.60	282.63	277.69	270.61	262.98	257.26
Biofuels & Emerging Energy <sup>3</sup>	220.71	196.66	196.99	203.62	199.42	192.48	188.95	187.18	187.06	190.55	196.05	199.34	202.03	205.26
Other <sup>4</sup>	18.14	22.10	19.81	21.62	23.38	29.17	31.53	31.51	31.60	32.56	33.84	33.97	33.81	34.00
<b>Residential Sector</b>	<b>150.13</b>	<b>147.90</b>	<b>148.27</b>	<b>143.02</b>	<b>144.37</b>	<b>152.00</b>	<b>156.88</b>	<b>160.43</b>	<b>158.66</b>	<b>157.90</b>	<b>158.42</b>	<b>158.19</b>	<b>158.48</b>	<b>158.54</b>
Biomass	6.67	6.75	6.89	6.53	6.41	6.81	7.04	7.20	7.16	7.17	7.25	7.32	7.39	7.45
Electricity	58.31	58.23	60.04	59.16	63.12	65.42	67.53	68.81	68.32	68.16	68.64	68.74	68.97	69.02
Natural Gas	78.58	76.08	79.28	75.22	72.59	77.44	79.99	81.17	79.81	79.08	78.86	78.26	78.06	77.83
RPP	6.57	6.84	2.06	2.11	2.25	2.33	2.31	2.27	2.19	2.13	2.08	2.00	1.93	1.85
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	1.19	1.35	1.58	1.86	2.13	2.38
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Commercial Sector</b>	<b>150.43</b>	<b>158.25</b>	<b>160.94</b>	<b>139.09</b>	<b>138.63</b>	<b>152.18</b>	<b>153.35</b>	<b>154.31</b>	<b>150.47</b>	<b>149.49</b>	<b>149.18</b>	<b>147.03</b>	<b>145.13</b>	<b>144.51</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	50.64	51.95	51.91	50.94	48.73	54.61	55.39	55.97	55.71	56.13	57.10	57.02	57.14	57.32
Natural Gas	91.40	96.16	94.98	76.06	76.11	82.64	82.88	82.42	78.71	76.93	75.13	72.87	70.52	69.33
RPP	8.34	9.86	14.06	12.09	13.79	14.94	15.09	15.21	15.17	15.36	15.65	15.67	15.83	16.04
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.89	1.07	1.30	1.47	1.64	1.82
Other	0.06	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Industrial Sector</b>	<b>562.49</b>	<b>542.39</b>	<b>526.18</b>	<b>539.89</b>	<b>539.69</b>	<b>496.56</b>	<b>490.52</b>	<b>478.43</b>	<b>471.04</b>	<b>474.37</b>	<b>476.76</b>	<b>475.01</b>	<b>470.63</b>	<b>468.72</b>
Biomass	214.04	189.91	190.10	197.09	193.01	185.67	181.90	178.28	177.81	180.96	183.56	185.36	186.64	188.52
Coal, Coke & Coke Oven Gas	15.22	19.14	19.61	21.32	21.35	27.25	29.66	29.71	29.86	30.86	32.23	32.43	32.37	32.66
Electricity	106.99	97.43	95.94	103.20	105.26	99.09	98.78	96.89	96.06	97.61	98.88	99.19	98.62	98.54
Natural Gas	183.01	187.23	178.74	177.54	178.85	144.81	140.26	134.42	128.98	126.52	123.60	119.39	114.34	110.03
LPG & Petroleum Feedstocks	3.82	5.13	6.19	4.37	4.36	3.74	3.79	3.33	3.20	3.06	2.89	2.72	2.55	2.42
RPP	20.34	24.48	19.39	20.79	19.83	20.12	20.61	20.62	20.29	20.29	20.37	20.57	20.67	20.90
Still Gas & Petroleum Coke	16.21	16.38	16.01	15.29	15.00	13.97	13.65	13.39	13.09	13.38	13.61	13.81	13.99	14.32
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	2.87	2.68	0.20	0.30	2.03	1.92	1.87	1.80	1.74	1.70	1.62	1.53	1.44	1.34

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
19.69	19.46	19.53	19.44	19.52	19.89	19.68	19.87	20.29	20.97	21.30	21.80	22.33	22.92	23.42	24.18	24.80
11.55	11.38	10.75	10.17	9.64	9.16	9.26	9.23	9.21	9.18	9.16	9.66	9.63	9.61	9.58	9.56	9.53
14.41	14.43	13.72	13.07	12.48	11.95	12.28	12.24	12.21	12.18	12.14	12.92	12.89	12.86	12.82	12.79	12.76
16.73	16.53	16.60	16.53	16.60	16.93	16.75	16.92	17.29	17.90	18.20	18.65	19.12	19.64	20.08	20.75	21.31
10.43	10.27	9.65	9.08	8.56	8.09	8.19	8.17	8.14	8.12	8.10	8.61	8.58	8.56	8.54	8.52	8.50
14.57	14.60	13.89	13.24	12.64	12.11	12.44	12.40	12.37	12.34	12.30	13.08	13.05	13.01	12.98	12.95	12.91
11.81	11.68	11.72	11.67	11.73	11.96	11.84	11.95	12.21	12.64	12.84	13.15	13.48	13.84	14.15	14.62	15.01
9.71	9.56	8.94	8.37	7.86	7.39	7.50	7.48	7.46	7.44	7.42	7.93	7.91	7.89	7.87	7.85	7.83
10.97	11.03	10.35	9.72	9.16	8.64	8.99	8.96	8.94	8.92	8.90	9.69	9.67	9.65	9.63	9.60	9.58
25.58	25.43	24.63	23.90	23.23	22.63	22.85	22.77	22.70	22.63	22.56	23.24	23.17	23.10	23.03	22.96	22.90
20.64	20.57	19.82	19.12	18.48	17.91	18.19	18.13	18.07	18.02	17.96	18.69	18.64	18.58	18.53	18.48	18.43
<b>1 145.83</b>	<b>1 152.39</b>	<b>1 161.62</b>	<b>1 163.03</b>	<b>1 161.05</b>	<b>1 161.68</b>	<b>1 168.17</b>	<b>1 172.85</b>	<b>1 176.62</b>	<b>1 175.69</b>	<b>1 176.35</b>	<b>1 177.97</b>	<b>1 185.03</b>	<b>1 187.95</b>	<b>1 186.78</b>	<b>1 186.40</b>	<b>1 192.97</b>
426.66	429.12	433.10	434.99	436.94	439.70	443.60	446.47	448.25	449.53	451.46	452.89	456.21	458.78	460.73	463.18	466.92
225.01	226.64	228.46	228.40	227.29	226.14	226.46	226.40	225.69	224.01	222.53	221.69	221.69	220.69	218.79	216.87	215.81
252.19	249.42	247.73	245.78	243.76	242.80	242.79	242.82	245.20	245.82	246.88	247.49	249.33	250.66	251.10	251.78	253.51
207.91	212.67	217.54	219.22	218.61	218.49	220.98	223.02	223.65	222.64	221.98	222.78	224.91	225.27	223.94	222.65	225.00
34.05	34.54	34.79	34.65	34.45	34.55	34.34	34.14	33.83	33.68	33.50	33.13	32.88	32.55	32.21	31.92	31.74
<b>158.20</b>	<b>158.78</b>	<b>159.78</b>	<b>159.90</b>	<b>159.75</b>	<b>159.31</b>	<b>159.00</b>	<b>158.76</b>	<b>158.46</b>	<b>157.70</b>	<b>156.84</b>	<b>155.76</b>	<b>155.72</b>	<b>155.49</b>	<b>155.04</b>	<b>154.68</b>	<b>154.70</b>
7.48	7.54	7.62	7.65	7.65	7.64	7.63	7.63	7.62	7.59	7.56	7.53	7.54	7.55	7.55	7.55	7.57
68.84	69.07	69.43	69.37	69.14	68.74	68.44	68.20	67.94	67.46	66.95	66.41	66.27	66.04	65.72	65.42	65.25
77.50	77.61	78.00	78.02	77.96	77.85	77.74	77.66	77.56	77.26	76.91	76.40	76.43	76.39	76.25	76.19	76.34
1.78	1.71	1.66	1.60	1.53	1.47	1.42	1.36	1.31	1.26	1.22	1.17	1.13	1.09	1.05	1.01	0.98
2.61	2.84	3.08	3.28	3.46	3.62	3.77	3.91	4.04	4.12	4.20	4.26	4.35	4.42	4.47	4.51	4.56
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>143.88</b>	<b>144.55</b>	<b>144.89</b>	<b>145.44</b>	<b>146.05</b>	<b>146.73</b>	<b>147.64</b>	<b>148.71</b>	<b>151.29</b>	<b>152.40</b>	<b>153.66</b>	<b>154.75</b>	<b>156.13</b>	<b>157.17</b>	<b>157.83</b>	<b>158.60</b>	<b>159.62</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57.29	57.78	58.19	58.31	58.43	58.35	58.52	58.50	58.40	58.15	57.93	57.76	57.63	57.37	57.02	56.66	56.34
68.39	68.06	67.49	67.48	67.52	67.85	68.10	68.80	71.08	72.11	73.23	74.15	75.29	76.27	76.99	77.81	78.80
16.23	16.55	16.89	17.16	17.48	17.79	18.13	18.42	18.69	18.94	19.21	19.46	19.76	20.02	20.27	20.54	20.85
1.98	2.16	2.33	2.48	2.62	2.75	2.88	3.00	3.12	3.21	3.29	3.37	3.45	3.50	3.55	3.59	3.62
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>466.63</b>	<b>469.66</b>	<b>473.98</b>	<b>472.97</b>	<b>468.71</b>	<b>466.68</b>	<b>469.54</b>	<b>471.02</b>	<b>470.91</b>	<b>468.55</b>	<b>467.41</b>	<b>468.30</b>	<b>471.49</b>	<b>471.63</b>	<b>468.78</b>	<b>466.11</b>	<b>466.81</b>
189.97	193.49	197.10	197.76	196.22	195.29	196.99	198.32	198.30	196.79	195.70	196.13	197.74	197.68	196.01	194.41	194.48
32.81	33.39	33.73	33.67	33.56	33.74	33.61	33.49	33.24	33.15	33.03	32.71	32.50	32.22	31.92	31.66	31.51
98.45	99.36	100.41	100.29	99.30	98.63	99.07	99.27	98.92	97.98	97.22	97.10	97.37	96.86	95.62	94.36	93.78
106.25	103.70	102.20	100.24	98.25	97.08	96.93	96.34	96.55	96.44	96.73	96.93	97.60	97.99	97.85	97.78	98.37
2.29	2.18	2.10	2.02	1.95	1.88	1.83	1.78	1.74	1.71	1.69	1.67	1.66	1.65	1.64	1.63	1.63
21.08	21.54	22.04	22.38	22.69	23.13	23.89	24.39	24.59	24.84	25.26	25.76	26.35	26.82	27.24	27.72	28.34
14.54	14.85	15.33	15.63	15.86	16.13	16.50	16.78	16.98	17.11	17.30	17.58	17.89	18.09	18.21	18.30	18.48
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.24	1.15	1.06	0.98	0.89	0.81	0.73	0.66	0.59	0.53	0.47	0.42	0.37	0.33	0.29	0.26	0.23

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>340.33</b>	<b>327.84</b>	<b>336.78</b>	<b>340.28</b>	<b>362.57</b>	<b>375.16</b>	<b>384.22</b>	<b>388.40</b>	<b>381.04</b>	<b>377.24</b>	<b>377.76</b>	<b>376.83</b>	<b>376.45</b>	<b>377.20</b>
Aviation Fuel	47.46	36.62	43.38	38.80	43.41	44.06	44.73	45.40	46.08	46.77	47.47	48.18	48.91	49.64
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.22	0.27	0.33
Diesel	116.78	116.57	118.83	124.03	131.94	140.07	144.69	146.47	143.11	141.74	141.24	140.82	140.15	140.19
Electric	0.43	0.42	0.52	0.54	0.50	0.50	0.50	0.50	0.49	0.47	0.47	0.46	0.45	0.44
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	3.11	3.96	4.77
Heavy Fuel Oil	6.42	8.39	8.48	8.95	9.13	9.25	9.36	9.48	9.60	9.72	9.84	9.96	10.09	10.21
LPG	4.91	5.02	4.60	4.17	4.15	4.08	3.97	3.83	3.61	3.45	3.32	3.18	3.08	3.00
Lubricants	1.90	1.81	2.03	2.03	2.03	2.12	2.21	2.28	2.31	2.36	2.42	2.48	2.54	2.61
Motor Gasoline	161.86	158.73	158.80	161.61	171.24	174.93	178.63	180.32	175.75	172.64	170.56	168.34	166.94	165.95
Natural Gas	0.58	0.28	0.16	0.16	0.16	0.15	0.14	0.12	0.11	0.10	0.09	0.08	0.07	0.06

<b>Section 3: Primary Demand (petajoules)</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Secondary Demand	1 203.38	1 176.37	1 172.18	1 162.28	1 185.25	1 175.90	1 184.98	1 181.58	1 161.22	1 158.99	1 162.12	1 157.06	1 150.68	1 148.96
Total Electric and Steam Energy Demand for Generation	257.41	227.62	226.64	220.36	210.93	286.05	291.61	300.50	291.39	288.23	295.78	298.58	305.52	309.27
Less Electricity and Steam Secondary Demand	219.23	210.71	208.61	214.13	219.64	221.54	224.07	223.96	222.31	224.07	226.71	226.94	226.62	226.66
<b>Total Primary Demand</b>	<b>1 241.56</b>	<b>1 193.28</b>	<b>1 190.21</b>	<b>1 168.50</b>	<b>1 176.54</b>	<b>1 240.41</b>	<b>1 252.52</b>	<b>1 258.12</b>	<b>1 230.30</b>	<b>1 223.16</b>	<b>1 231.19</b>	<b>1 228.70</b>	<b>1 229.58</b>	<b>1 231.57</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Natural Gas	392.14	407.52	366.84	343.30	340.78	361.54	359.25	356.51	333.68	319.25	316.74	309.29	305.43	299.45
RPP	396.54	392.45	394.26	394.66	417.42	430.94	440.39	443.97	435.65	432.08	430.65	428.94	427.87	428.32
Coal, Coke and Coke Oven Gas	15.28	19.42	19.61	21.32	21.35	27.25	29.66	29.71	29.86	30.86	32.23	32.43	32.37	32.66
Hydro	216.89	177.24	212.51	205.60	197.57	205.86	211.94	215.95	216.65	219.48	221.42	221.42	221.42	222.89
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	220.71	196.66	196.99	203.62	199.42	214.83	211.29	211.98	214.44	221.48	230.15	236.62	242.50	248.26

<b>Section 4: Ratios</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>9.82</b>	<b>9.48</b>	<b>9.24</b>	<b>8.89</b>	<b>8.85</b>	<b>8.41</b>	<b>8.20</b>	<b>7.97</b>	<b>7.76</b>	<b>7.56</b>	<b>7.37</b>	<b>7.18</b>	<b>7.01</b>	<b>6.85</b>
Residential (PJ/Personal Income)	1.47	1.44	1.44	1.38	1.36	1.37	1.35	1.32	1.30	1.27	1.24	1.21	1.18	1.15
Commercial (PJ/GO)	1.04	1.07	1.07	0.91	0.88	0.92	0.90	0.89	0.86	0.83	0.80	0.78	0.75	0.73
Industrial (PJ/GO)	7.30	7.38	7.19	6.15	6.13	5.45	5.15	4.90	4.72	4.57	4.42	4.28	4.14	4.01
Transportation (PJ/GDP)	2.78	2.64	2.65	2.60	2.71	2.68	2.66	2.62	2.55	2.46	2.40	2.34	2.29	2.25

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

## National Energy Board

## Canada's Energy Future – Appendices

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>377.12</b>	<b>379.40</b>	<b>382.97</b>	<b>384.72</b>	<b>386.55</b>	<b>388.95</b>	<b>391.99</b>	<b>394.36</b>	<b>395.97</b>	<b>397.04</b>	<b>398.44</b>	<b>399.16</b>	<b>401.69</b>	<b>403.66</b>	<b>405.13</b>	<b>407.00</b>	<b>411.85</b>
50.38	51.14	51.91	52.68	53.48	54.28	55.09	55.92	56.76	57.61	58.47	59.35	60.24	61.14	62.06	62.99	63.94
0.38	0.43	0.48	0.53	0.57	0.61	0.66	0.69	0.73	0.75	0.78	0.81	0.84	0.86	0.88	0.90	2.85
139.90	140.90	142.15	142.66	143.12	144.17	145.85	146.92	147.33	147.73	148.49	149.08	150.13	150.84	151.31	151.99	153.19
0.44	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.42	0.42	0.42	0.42	0.42	0.42	0.43	0.43
5.51	6.21	6.93	7.53	8.08	8.58	9.05	9.47	9.86	10.17	10.45	10.68	10.99	11.26	11.48	11.69	11.91
10.34	10.47	10.60	10.73	10.87	11.00	11.14	11.28	11.42	11.56	11.71	11.85	12.00	12.15	12.30	12.46	12.61
2.92	2.88	2.86	2.83	2.81	2.80	2.80	2.80	2.80	2.79	2.79	2.78	2.79	2.79	2.79	2.79	2.80
2.66	2.73	2.81	2.87	2.93	2.99	3.06	3.12	3.18	3.23	3.29	3.35	3.43	3.50	3.56	3.63	3.71
164.54	164.16	164.75	164.41	164.23	164.06	163.90	163.71	163.46	162.75	162.03	160.83	160.84	160.68	160.30	160.12	160.40
0.05	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1 145.83	1 152.39	1 161.62	1 163.03	1 161.05	1 161.68	1 168.17	1 172.85	1 176.62	1 175.69	1 176.35	1 177.97	1 185.02	1 187.95	1 186.78	1 186.40	1 192.97
310.69	313.37	315.35	317.02	335.52	337.11	339.01	341.28	345.10	346.80	348.71	350.61	352.53	354.15	357.35	358.89	360.54
226.25	227.79	229.52	229.38	228.18	226.94	227.19	227.05	226.27	224.54	223.00	222.10	222.07	221.02	219.08	217.13	216.03
<b>1 230.27</b>	<b>1 237.98</b>	<b>1 247.45</b>	<b>1 250.67</b>	<b>1 268.39</b>	<b>1 271.84</b>	<b>1 279.99</b>	<b>1 287.08</b>	<b>1 295.45</b>	<b>1 297.95</b>	<b>1 302.06</b>	<b>1 306.48</b>	<b>1 315.49</b>	<b>1 321.08</b>	<b>1 325.05</b>	<b>1 328.17</b>	<b>1 337.48</b>
293.91	290.52	288.88	286.62	285.35	283.93	283.72	283.77	287.83	288.02	288.74	289.11	290.73	291.43	292.94	293.02	294.16
427.86	430.32	434.29	436.19	438.14	440.90	444.80	447.67	449.45	450.73	452.65	454.08	457.41	459.98	461.93	464.38	468.12
32.81	33.39	33.73	33.67	33.56	33.74	33.61	33.49	33.24	33.15	33.03	32.71	32.51	32.22	31.92	31.66	31.51
222.89	224.21	224.21	224.21	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
252.80	259.54	266.34	269.99	271.49	273.43	278.02	282.30	285.08	286.21	287.78	290.72	295.00	297.60	298.41	299.26	303.85

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>6.70</b>	<b>6.56</b>	<b>6.43</b>	<b>6.31</b>	<b>6.18</b>	<b>6.07</b>	<b>5.96</b>	<b>5.86</b>	<b>5.77</b>	<b>5.67</b>	<b>5.57</b>	<b>5.47</b>	<b>5.39</b>	<b>5.30</b>	<b>5.21</b>	<b>5.12</b>	<b>5.06</b>
1.12	1.10	1.07	1.05	1.03	1.00	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.84	0.82	0.80	0.78
0.72	0.70	0.68	0.67	0.66	0.65	0.64	0.63	0.63	0.62	0.62	0.61	0.60	0.60	0.59	0.58	0.57
3.91	3.81	3.72	3.63	3.54	3.45	3.37	3.29	3.24	3.17	3.11	3.05	2.99	2.94	2.88	2.83	2.79
2.21	2.16	2.12	2.09	2.06	2.03	2.00	1.97	1.94	1.91	1.89	1.85	1.83	1.80	1.78	1.76	1.75





	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>91.31</b>	<b>89.69</b>	<b>88.94</b>	<b>93.46</b>	<b>96.91</b>	<b>96.95</b>	<b>98.95</b>	<b>99.59</b>	<b>97.56</b>	<b>96.03</b>	<b>95.02</b>	<b>94.73</b>	<b>93.97</b>	<b>93.64</b>
Aviation Fuel	7.87	7.54	7.09	7.68	6.37	6.49	6.61	6.72	6.85	6.97	7.09	7.22	7.35	7.48
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.09	0.12	0.14
Diesel	32.43	31.66	30.79	33.79	37.11	37.17	38.34	38.69	38.13	37.67	37.13	36.93	36.48	36.31
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.79	1.03	1.25
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.57	0.48	0.30	0.33	0.32	0.30	0.28	0.27	0.24	0.22	0.20	0.18	0.16	0.15
Lubricants	0.52	0.52	0.63	0.66	0.54	0.55	0.57	0.59	0.59	0.60	0.61	0.63	0.64	0.65
Motor Gasoline	49.89	49.46	50.10	50.97	52.52	52.39	53.10	53.28	51.71	50.54	49.34	48.87	48.16	47.62
Natural Gas	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	257.38	246.31	256.50	256.09	261.59	263.56	268.13	269.64	264.64	262.12	259.83	259.18	257.29	256.42
Total Electric and Steam Energy Demand for Generation	124.29	123.71	108.03	83.25	103.47	68.44	76.44	77.49	117.70	121.30	114.89	115.81	121.74	124.19
Less Electricity and Steam Secondary Demand	57.55	58.10	59.75	61.85	62.64	63.44	65.09	65.94	65.67	65.66	65.65	65.96	65.72	65.50
<b>Total Primary Demand</b>	<b>324.12</b>	<b>311.92</b>	<b>304.78</b>	<b>277.49</b>	<b>302.42</b>	<b>268.55</b>	<b>279.48</b>	<b>281.19</b>	<b>316.67</b>	<b>317.77</b>	<b>309.07</b>	<b>309.03</b>	<b>313.31</b>	<b>315.11</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	86.67	76.45	84.80	79.05	80.80	82.07	82.62	81.98	80.40	79.51	77.08	76.07	74.91	74.27
RPP	102.95	101.79	101.71	104.83	107.59	107.34	109.79	110.45	111.58	110.15	106.97	106.44	105.35	106.34
Coal, Coke and Coke Oven Gas	12.64	7.07	6.18	12.26	7.49	2.19	2.17	2.13	8.23	10.52	5.64	5.64	5.63	5.64
Hydro	113.50	118.40	103.72	72.86	97.96	68.04	75.99	76.38	104.78	104.78	104.78	104.78	109.84	109.84
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	8.36	8.21	8.37	8.49	8.58	8.90	8.90	10.26	11.67	12.81	14.59	16.11	17.58	19.02

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>7.89</b>	<b>7.39</b>	<b>7.52</b>	<b>7.48</b>	<b>7.43</b>	<b>7.25</b>	<b>7.14</b>	<b>7.02</b>	<b>6.83</b>	<b>6.65</b>	<b>6.46</b>	<b>6.32</b>	<b>6.15</b>	<b>6.02</b>
Residential (PJ/Personal Income)	1.88	1.78	1.84	1.83	1.80	1.80	1.77	1.75	1.73	1.70	1.66	1.63	1.58	1.55
Commercial (PJ/GO)	1.77	1.56	1.66	1.51	1.49	1.47	1.44	1.41	1.36	1.32	1.27	1.23	1.19	1.16
Industrial (PJ/GO)	2.43	2.27	2.33	2.29	2.25	2.19	2.13	2.07	2.01	1.96	1.91	1.87	1.82	1.78
Transportation (PJ/GDP)	2.80	2.69	2.61	2.73	2.75	2.67	2.63	2.59	2.52	2.43	2.36	2.31	2.25	2.20

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquefied petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>93.18</b>	<b>93.35</b>	<b>93.70</b>	<b>94.02</b>	<b>94.11</b>	<b>94.28</b>	<b>94.42</b>	<b>94.65</b>	<b>94.66</b>	<b>94.56</b>	<b>94.49</b>	<b>94.22</b>	<b>94.50</b>	<b>94.64</b>	<b>94.67</b>	<b>94.82</b>	<b>95.64</b>
7.62	7.76	7.90	8.04	8.18	8.33	8.48	8.63	8.79	8.95	9.11	9.27	9.44	9.61	9.78	9.96	10.14
0.16	0.19	0.21	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.34	0.35	0.37	0.38	0.38	0.39	0.91
36.12	36.23	36.39	36.46	36.45	36.57	36.77	36.99	37.07	37.12	37.21	37.27	37.50	37.65	37.75	37.90	38.14
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.44	1.63	1.81	1.98	2.14	2.26	2.37	2.46	2.54	2.61	2.67	2.72	2.78	2.83	2.87	2.91	2.95
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.13	0.12	0.11	0.10	0.09	0.08	0.07	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02
0.67	0.68	0.70	0.71	0.73	0.74	0.75	0.77	0.78	0.79	0.80	0.81	0.82	0.84	0.85	0.87	0.88
47.01	46.71	46.57	46.47	46.25	46.01	45.67	45.42	45.08	44.69	44.30	43.74	43.54	43.28	42.98	42.74	42.58
0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
255.20	255.97	257.11	257.86	257.87	257.98	258.52	259.65	259.24	258.77	258.54	258.10	258.88	259.00	258.63	258.45	259.37
125.11	120.71	121.92	125.49	137.18	139.05	137.19	175.84	177.01	178.19	179.36	180.54	181.71	182.89	183.69	184.72	185.89
65.12	65.20	65.30	65.19	64.74	64.24	63.95	63.71	63.09	62.50	61.95	61.45	61.19	60.74	60.15	59.58	59.14
<b>315.19</b>	<b>311.48</b>	<b>313.74</b>	<b>318.16</b>	<b>330.31</b>	<b>332.79</b>	<b>331.76</b>	<b>371.78</b>	<b>373.16</b>	<b>374.46</b>	<b>375.96</b>	<b>377.19</b>	<b>379.40</b>	<b>381.14</b>	<b>382.17</b>	<b>383.59</b>	<b>386.12</b>

73.64	73.27	73.45	73.68	73.84	74.07	74.39	75.23	75.28	75.43	75.70	75.82	76.27	76.51	76.55	76.68	77.01
105.70	102.99	103.54	106.33	106.32	106.45	103.61	103.89	103.88	103.77	103.74	103.56	103.95	104.16	104.25	104.47	104.91
5.64	3.56	3.59	3.59	3.58	3.57	3.58	3.57	3.56	3.54	3.53	3.52	3.52	3.51	3.17	3.02	3.01
109.84	109.84	109.84	109.84	120.76	121.48	121.54	158.80	158.80	158.80	158.80	158.80	158.80	158.80	158.80	158.80	158.80
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.38	21.83	23.33	24.73	25.81	27.21	28.64	30.29	31.64	32.92	34.19	35.49	36.87	38.17	39.40	40.62	42.38

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>5.90</b>	<b>5.77</b>	<b>5.67</b>	<b>5.58</b>	<b>5.47</b>	<b>5.39</b>	<b>5.29</b>	<b>5.17</b>	<b>5.08</b>	<b>5.01</b>	<b>4.92</b>	<b>4.83</b>	<b>4.76</b>	<b>4.69</b>	<b>4.62</b>	<b>4.55</b>	<b>4.49</b>
1.51	1.48	1.44	1.41	1.38	1.35	1.32	1.29	1.26	1.24	1.21	1.18	1.15	1.12	1.10	1.07	1.04
1.13	1.10	1.07	1.05	1.03	1.02	1.00	0.98	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88
1.75	1.72	1.70	1.67	1.65	1.63	1.60	1.58	1.56	1.54	1.51	1.49	1.47	1.44	1.42	1.39	1.37
2.15	2.11	2.07	2.04	2.00	1.97	1.93	1.88	1.86	1.83	1.80	1.77	1.74	1.71	1.69	1.67	1.66

Table A2.19: Demand, Triple E, New Brunswick

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	23.94	24.24	23.62	22.86	21.35	19.49	16.59	17.94	18.90	21.20	21.59	21.38	25.37	25.06
Natural Gas	9.71	9.81	9.49	9.37	9.64	10.53	11.51	12.39	15.19	15.06	15.72	14.73	13.81	12.95
Light Fuel Oil	13.40	13.15	12.25	13.93	13.87	17.51	18.66	17.90	17.73	17.58	18.63	17.53	16.50	15.55
<b>Commercial</b>														
Electricity	25.73	25.34	28.23	25.49	23.67	21.84	18.57	20.31	21.55	24.51	25.04	24.80	29.91	29.55
Natural Gas	7.20	7.18	6.53	6.67	6.87	7.95	9.12	10.10	12.92	12.81	13.49	12.52	11.62	10.79
Light Fuel Oil	13.40	13.15	12.25	13.93	14.10	17.73	18.86	18.09	17.92	17.77	18.82	17.72	16.69	15.73
<b>Industrial</b>														
Electricity	16.58	19.82	14.22	13.96	13.50	12.42	10.71	11.59	12.20	13.81	14.10	13.97	16.77	16.56
Natural Gas	4.61	4.69	5.23	5.21	5.33	6.52	7.80	8.83	11.66	11.57	12.25	11.30	10.41	9.59
Heavy Fuel Oil	9.36	9.17	8.54	9.72	9.77	13.70	15.14	14.52	14.38	14.26	15.34	14.27	13.28	12.36
<b>Transportation</b>														
Gasoline	28.80	28.43	28.82	28.82	28.82	31.43	31.55	30.26	29.96	29.71	30.56	29.35	28.19	27.11
Diesel	23.69	25.04	22.22	21.89	21.89	24.98	25.57	24.53	24.29	24.08	25.03	23.87	22.77	21.75

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>267.68</b>	<b>257.69</b>	<b>263.81</b>	<b>259.64</b>	<b>271.60</b>	<b>252.81</b>	<b>251.64</b>	<b>250.08</b>	<b>245.61</b>	<b>244.65</b>	<b>244.87</b>	<b>244.25</b>	<b>242.91</b>	<b>242.86</b>
RPP <sup>1,2</sup>	156.56	152.33	150.45	150.12	152.91	141.37	140.58	139.51	136.34	134.95	134.03	132.98	131.86	131.62
Electric	56.47	53.89	53.87	53.07	59.31	55.12	55.68	55.59	54.81	54.68	54.83	54.72	54.19	53.84
Natural Gas	0.34	0.34	2.76	2.42	3.57	3.30	3.49	4.06	4.23	4.38	4.60	4.85	5.06	5.31
Biofuels & Emerging Energy <sup>3</sup>	48.08	45.11	50.85	48.10	49.71	47.35	46.51	45.82	45.37	45.94	46.93	47.41	47.69	48.16
Other <sup>4</sup>	6.23	6.03	5.88	5.94	6.10	5.67	5.38	5.09	4.85	4.70	4.49	4.30	4.11	3.94
<b>Residential Sector</b>	<b>33.18</b>	<b>31.85</b>	<b>33.14</b>	<b>33.56</b>	<b>34.19</b>	<b>33.71</b>	<b>34.08</b>	<b>34.78</b>	<b>34.53</b>	<b>34.25</b>	<b>34.33</b>	<b>34.30</b>	<b>34.09</b>	<b>33.84</b>
Biomass	6.39	6.44	6.63	6.54	6.65	6.55	6.55	6.54	6.43	6.34	6.30	6.23	6.18	6.11
Electricity	17.92	17.87	18.68	19.26	19.87	19.60	19.97	20.22	20.09	19.91	19.94	19.90	19.75	19.58
Natural Gas	0.00	0.00	0.00	0.57	0.76	0.73	0.75	1.13	1.23	1.29	1.39	1.54	1.68	1.83
RPP	8.87	7.54	7.84	7.18	6.91	6.83	6.82	6.79	6.66	6.57	6.53	6.43	6.25	6.08
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.13	0.14	0.17	0.20	0.23	0.25
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Commercial Sector</b>	<b>19.47</b>	<b>18.64</b>	<b>18.59</b>	<b>20.00</b>	<b>25.32</b>	<b>21.46</b>	<b>21.61</b>	<b>21.63</b>	<b>21.15</b>	<b>20.85</b>	<b>21.02</b>	<b>20.96</b>	<b>20.74</b>	<b>20.73</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	10.23	9.87	9.86	10.24	10.47	9.77	9.84	9.79	9.53	9.33	9.34	9.24	9.02	8.88
Natural Gas	0.00	0.00	0.00	0.81	0.96	0.95	1.11	1.31	1.39	1.47	1.60	1.70	1.79	1.89
RPP	9.24	8.77	8.73	8.95	13.90	10.74	10.65	10.49	10.18	9.98	10.00	9.93	9.84	9.85
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.07	0.08	0.09	0.10	0.11
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Industrial Sector</b>	<b>138.19</b>	<b>131.07</b>	<b>136.07</b>	<b>130.19</b>	<b>134.53</b>	<b>121.50</b>	<b>119.62</b>	<b>117.50</b>	<b>115.60</b>	<b>116.43</b>	<b>116.75</b>	<b>116.73</b>	<b>116.41</b>	<b>116.98</b>
Biomass	41.69	38.67	44.22	41.56	43.06	40.80	39.96	39.13	38.76	39.40	39.91	40.22	40.35	40.66
Coal, Coke & Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	28.32	26.15	25.34	23.56	28.97	25.75	25.87	25.58	25.20	25.43	25.54	25.58	25.42	25.38
Natural Gas	0.34	0.34	2.76	1.03	1.85	1.62	1.63	1.63	1.61	1.62	1.61	1.60	1.59	1.59
LPG & Petroleum Feedstocks	15.88	15.49	14.92	15.42	15.54	13.51	13.65	13.86	13.83	14.09	14.31	14.46	14.62	14.97
RPP	32.92	26.35	24.91	25.56	24.81	22.20	21.40	20.54	19.87	19.62	19.26	18.92	18.62	18.48
Still Gas & Petroleum Coke	12.82	18.05	18.05	17.11	14.20	11.95	11.72	11.66	11.47	11.57	11.62	11.65	11.71	11.95
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	6.23	6.03	5.88	5.94	6.10	5.67	5.38	5.09	4.85	4.70	4.49	4.30	4.11	3.94

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
25.23	24.78	24.46	24.88	24.61	24.66	24.72	24.93	25.96	26.72	27.73	28.95	28.92	30.65	32.17	34.24	36.59
12.17	11.99	11.35	10.77	10.24	9.76	9.85	9.82	9.80	9.77	9.74	10.24	10.21	10.18	10.16	10.13	10.10
14.68	14.70	13.99	13.34	12.74	12.21	12.54	12.50	12.47	12.43	12.40	13.17	13.14	13.11	13.08	13.04	13.01
29.79	29.26	28.88	29.44	29.12	29.21	29.30	29.60	30.93	31.92	33.21	34.79	34.77	36.98	38.93	41.59	44.59
10.03	9.87	9.25	8.69	8.17	7.70	7.81	7.79	7.76	7.74	7.72	8.23	8.21	8.19	8.17	8.15	8.13
14.86	14.88	14.16	13.51	12.92	12.38	12.71	12.67	12.64	12.60	12.57	13.34	13.31	13.28	13.24	13.21	13.18
16.69	16.40	16.19	16.49	16.31	16.35	16.40	16.56	17.29	17.83	18.54	19.40	19.39	20.60	21.67	23.12	24.77
8.85	8.70	8.09	7.53	7.02	6.56	6.67	6.66	6.64	6.62	6.61	7.12	7.10	7.08	7.07	7.05	7.03
11.52	11.57	10.89	10.26	9.69	9.18	9.52	9.49	9.47	9.45	9.42	10.21	10.19	10.16	10.14	10.12	10.10
26.11	25.96	25.15	24.41	23.74	23.14	23.36	23.28	23.21	23.13	23.06	23.74	23.67	23.59	23.52	23.45	23.38
20.81	20.74	19.98	19.28	18.64	18.08	18.35	18.29	18.23	18.18	18.12	18.85	18.79	18.74	18.69	18.63	18.58

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>242.44</b>	<b>243.72</b>	<b>245.51</b>	<b>245.59</b>	<b>244.70</b>	<b>244.20</b>	<b>244.96</b>	<b>245.28</b>	<b>245.13</b>	<b>244.23</b>	<b>243.83</b>	<b>243.64</b>	<b>244.78</b>	<b>244.99</b>	<b>244.36</b>	<b>243.96</b>	<b>244.85</b>
131.19	131.60	132.37	132.46	132.33	132.52	133.03	133.31	133.57	133.62	133.97	134.18	135.08	135.69	136.06	136.61	137.57
53.35	53.28	53.30	52.93	52.33	51.76	51.51	51.21	50.77	50.15	49.62	49.16	48.97	48.55	47.95	47.36	46.93
5.55	5.81	6.10	6.35	6.57	6.79	7.03	7.24	7.43	7.58	7.77	7.91	8.09	8.24	8.38	8.52	8.70
48.56	49.35	50.14	50.34	50.05	49.80	50.08	50.25	50.14	49.71	49.34	49.30	49.56	49.44	48.96	48.50	48.71
3.79	3.68	3.60	3.51	3.41	3.33	3.30	3.26	3.22	3.16	3.11	3.09	3.08	3.05	3.01	2.97	2.95
<b>33.49</b>	<b>33.35</b>	<b>33.27</b>	<b>33.01</b>	<b>32.69</b>	<b>32.31</b>	<b>31.93</b>	<b>31.60</b>	<b>31.26</b>	<b>30.88</b>	<b>30.47</b>	<b>30.03</b>	<b>29.80</b>	<b>29.52</b>	<b>29.23</b>	<b>28.96</b>	<b>28.73</b>
6.02	5.97	5.92	5.84	5.74	5.64	5.54	5.44	5.35	5.26	5.16	5.07	5.00	4.93	4.86	4.80	4.75
19.33	19.22	19.14	18.94	18.71	18.44	18.19	17.96	17.72	17.45	17.17	16.87	16.68	16.47	16.23	16.00	15.77
1.96	2.10	2.25	2.38	2.50	2.61	2.71	2.80	2.90	2.97	3.05	3.11	3.20	3.29	3.37	3.45	3.54
5.90	5.76	5.64	5.50	5.37	5.23	5.10	4.98	4.87	4.76	4.65	4.54	4.46	4.39	4.31	4.26	4.21
0.28	0.30	0.33	0.35	0.37	0.38	0.40	0.41	0.42	0.43	0.44	0.44	0.45	0.46	0.46	0.46	0.46
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>20.70</b>	<b>20.82</b>	<b>20.99</b>	<b>21.11</b>	<b>21.19</b>	<b>21.28</b>	<b>21.47</b>	<b>21.59</b>	<b>21.68</b>	<b>21.72</b>	<b>21.92</b>	<b>21.94</b>	<b>22.04</b>	<b>22.06</b>	<b>22.07</b>	<b>22.13</b>	<b>22.22</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.71	8.63	8.56	8.47	8.37	8.27	8.22	8.15	8.07	7.99	7.95	7.87	7.83	7.76	7.68	7.62	7.57
2.00	2.12	2.23	2.35	2.45	2.54	2.65	2.74	2.81	2.87	2.97	3.02	3.07	3.10	3.13	3.17	3.21
9.86	9.94	10.05	10.14	10.22	10.30	10.43	10.52	10.60	10.66	10.80	10.85	10.94	10.99	11.05	11.12	11.22
0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	0.21	0.22	0.22
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117.26</b>	<b>118.46</b>	<b>119.91</b>	<b>120.14</b>	<b>119.63</b>	<b>119.43</b>	<b>120.33</b>	<b>120.90</b>	<b>120.98</b>	<b>120.49</b>	<b>120.32</b>	<b>120.75</b>	<b>121.82</b>	<b>122.16</b>	<b>121.82</b>	<b>121.55</b>	<b>121.99</b>
40.96	41.61	42.25	42.38	42.04	41.76	42.03	42.18	42.07	41.65	41.32	41.32	41.57	41.46	41.01	40.57	40.45
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.30	25.42	25.60	25.52	25.25	25.05	25.10	25.11	24.98	24.71	24.50	24.42	24.46	24.33	24.04	23.74	23.58
1.58	1.59	1.61	1.62	1.62	1.64	1.67	1.70	1.72	1.73	1.76	1.78	1.82	1.85	1.88	1.90	1.94
15.16	15.42	15.72	15.87	15.98	16.13	16.34	16.50	16.62	16.71	16.86	17.08	17.37	17.62	17.84	18.07	18.37
18.40	18.50	18.66	18.68	18.66	18.74	18.96	19.11	19.27	19.36	19.51	19.68	19.96	20.14	20.22	20.32	20.54
12.07	12.24	12.45	12.56	12.66	12.78	12.93	13.04	13.11	13.17	13.26	13.38	13.56	13.71	13.83	13.97	14.16
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.79	3.68	3.60	3.51	3.41	3.33	3.30	3.26	3.22	3.16	3.11	3.09	3.08	3.05	3.01	2.97	2.95

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>76.84</b>	<b>76.13</b>	<b>76.01</b>	<b>75.88</b>	<b>77.55</b>	<b>76.15</b>	<b>76.34</b>	<b>76.17</b>	<b>74.33</b>	<b>73.12</b>	<b>72.78</b>	<b>72.26</b>	<b>71.66</b>	<b>71.31</b>
Aviation Fuel	3.07	2.90	2.25	2.40	2.43	2.47	2.50	2.53	2.56	2.60	2.63	2.66	2.70	2.73
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.10	0.12
Diesel	37.15	35.88	35.50	34.92	36.57	35.64	36.04	36.14	35.39	35.20	35.10	34.94	34.75	34.71
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.59	0.75	0.91
Heavy Fuel Oil	0.45	0.78	0.80	0.78	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.92	0.94	0.95
LPG	0.11	0.13	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
Lubricants	0.42	0.34	0.31	0.23	0.25	0.25	0.25	0.26	0.26	0.26	0.27	0.28	0.28	0.29
Motor Gasoline	35.64	36.10	37.12	37.53	37.43	36.91	36.66	36.34	35.20	34.14	33.39	32.77	32.14	31.60
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	267.68	257.69	263.81	259.64	271.60	252.81	251.64	250.08	245.61	244.65	244.87	244.25	242.91	242.86
Total Electric and Steam Energy Demand for Generation	181.37	202.82	175.42	177.22	220.55	140.14	147.34	142.46	151.54	105.89	157.73	160.21	147.67	145.91
Less Electricity and Steam Secondary Demand	62.71	59.92	59.75	59.00	65.41	60.79	61.06	60.69	59.67	59.38	59.32	59.02	58.30	57.78
<b>Total Primary Demand</b>	<b>386.35</b>	<b>400.60</b>	<b>379.47</b>	<b>377.86</b>	<b>426.73</b>	<b>332.16</b>	<b>337.93</b>	<b>331.85</b>	<b>337.48</b>	<b>291.16</b>	<b>343.28</b>	<b>345.43</b>	<b>332.27</b>	<b>330.99</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	0.34	0.34	2.76	2.42	17.11	15.73	15.92	16.49	16.66	16.80	17.02	17.27	17.48	17.73
RPP	243.75	253.96	233.93	220.72	263.49	175.66	179.94	175.40	187.93	185.42	195.58	189.64	179.26	178.08
Coal, Coke and Coke Oven Gas	36.40	41.13	40.26	39.97	35.71	25.98	26.34	26.34	27.90	26.34	26.34	23.49	20.48	19.78
Hydro	11.85	7.63	8.10	11.63	10.84	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08
Nuclear	45.93	52.43	43.58	55.01	49.87	52.78	54.55	52.47	43.63	0.00	40.08	49.64	48.71	47.93
Biofuels & Emerging Energy	48.08	45.11	50.85	48.10	49.71	51.94	51.10	51.07	51.28	52.52	54.17	55.31	56.26	57.39

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>14.15</b>	<b>13.44</b>	<b>13.34</b>	<b>13.20</b>	<b>13.34</b>	<b>12.36</b>	<b>11.99</b>	<b>11.73</b>	<b>11.48</b>	<b>11.27</b>	<b>10.97</b>	<b>10.74</b>	<b>10.56</b>	<b>10.38</b>
Residential (PJ/Personal Income)	2.00	1.91	2.01	2.04	2.05	1.99	1.96	1.95	1.92	1.89	1.86	1.81	1.76	1.72
Commercial (PJ/GO)	0.92	0.86	0.84	0.92	1.16	0.94	0.92	0.90	0.88	0.86	0.84	0.83	0.81	0.80
Industrial (PJ/GO)	8.34	7.62	7.49	7.67	6.26	6.20	6.03	5.87	5.75	5.65	5.55	5.45	5.37	5.29
Transportation (PJ/GDP)	4.06	3.97	3.84	3.86	3.81	3.72	3.64	3.57	3.47	3.37	3.26	3.18	3.12	3.05

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquefied petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>70.99</b>	<b>71.08</b>	<b>71.33</b>	<b>71.33</b>	<b>71.19</b>	<b>71.19</b>	<b>71.22</b>	<b>71.19</b>	<b>71.21</b>	<b>71.14</b>	<b>71.12</b>	<b>70.92</b>	<b>71.14</b>	<b>71.24</b>	<b>71.24</b>	<b>71.32</b>	<b>71.90</b>
2.77	2.81	2.84	2.88	2.92	2.95	2.99	3.03	3.07	3.11	3.15	3.19	3.23	3.28	3.32	3.36	3.41
0.14	0.16	0.18	0.19	0.21	0.22	0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.32	0.32	0.67
34.69	34.91	35.15	35.21	35.21	35.29	35.46	35.56	35.72	35.84	36.01	36.13	36.41	36.60	36.72	36.89	37.15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.05	1.18	1.32	1.44	1.54	1.63	1.71	1.78	1.85	1.90	1.94	1.98	2.03	2.07	2.10	2.13	2.16
0.96	0.97	0.98	1.00	1.01	1.02	1.03	1.05	1.06	1.07	1.09	1.10	1.11	1.13	1.14	1.16	1.17
0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.29	0.30	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.36	0.37	0.37	0.38
31.09	30.75	30.55	30.30	29.99	29.75	29.46	29.18	28.91	28.60	28.29	27.87	27.70	27.49	27.27	27.09	26.96
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
242.44	243.72	245.51	245.60	244.70	244.20	244.95	245.28	245.13	244.23	243.83	243.64	244.79	244.99	244.36	243.96	244.85
144.93	144.54	146.62	150.59	149.42	148.43	151.76	150.02	147.99	145.39	176.87	176.32	173.51	172.98	171.45	170.99	166.66
57.14	56.96	56.91	56.45	55.74	55.09	54.80	54.48	53.99	53.31	52.74	52.25	52.05	51.61	50.96	50.33	49.88
<b>330.22</b>	<b>331.30</b>	<b>335.21</b>	<b>339.74</b>	<b>338.38</b>	<b>337.54</b>	<b>341.91</b>	<b>340.82</b>	<b>339.13</b>	<b>336.30</b>	<b>367.96</b>	<b>367.71</b>	<b>366.24</b>	<b>366.36</b>	<b>364.85</b>	<b>364.62</b>	<b>361.63</b>

17.97	18.24	18.52	21.91	21.87	22.47	21.29	21.16	20.96	20.79	21.98	21.71	21.00	20.95	22.07	21.81	21.58
177.63	178.01	181.07	182.77	182.83	182.61	183.78	183.37	182.84	181.76	148.06	147.45	146.68	146.55	144.34	144.88	145.84
18.96	18.44	18.01	17.28	16.41	15.59	16.83	16.11	15.32	14.43	12.89	12.89	12.00	11.70	11.09	10.39	7.94
10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08
47.12	46.58	46.13	45.41	44.49	43.68	45.88	45.17	44.43	43.52	108.88	108.88	108.88	108.88	108.88	108.88	106.68
58.45	59.95	61.40	62.27	62.70	63.10	64.05	64.93	65.49	65.72	66.06	66.69	67.61	68.20	68.38	68.59	69.51

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>10.21</b>	<b>10.04</b>	<b>9.90</b>	<b>9.74</b>	<b>9.60</b>	<b>9.46</b>	<b>9.32</b>	<b>9.19</b>	<b>9.07</b>	<b>8.93</b>	<b>8.78</b>	<b>8.64</b>	<b>8.53</b>	<b>8.42</b>	<b>8.29</b>	<b>8.17</b>	<b>8.07</b>
1.67	1.63	1.58	1.54	1.50	1.46	1.42	1.39	1.35	1.32	1.28	1.25	1.22	1.18	1.15	1.12	1.09
0.78	0.77	0.76	0.76	0.75	0.75	0.74	0.73	0.73	0.72	0.72	0.71	0.70	0.70	0.69	0.68	0.68
5.22	5.15	5.09	5.04	4.98	4.92	4.86	4.81	4.74	4.67	4.60	4.53	4.46	4.39	4.32	4.25	4.18
2.99	2.93	2.88	2.83	2.79	2.76	2.71	2.67	2.63	2.60	2.56	2.52	2.48	2.45	2.42	2.39	2.37



2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
22.88	22.61	22.58	21.91	21.92	21.96	22.01	22.07	22.28	22.42	22.60	22.75	22.91	23.09	23.18	23.30	23.50
12.17	11.99	11.35	10.77	10.24	9.76	9.85	9.82	9.80	9.77	9.74	10.24	10.21	10.18	10.16	10.13	10.10
15.44	15.45	14.73	14.08	13.48	12.94	13.27	13.22	13.19	13.15	13.12	13.89	13.85	13.82	13.78	13.75	13.71
20.07	19.83	19.84	19.16	19.21	19.28	19.37	19.48	19.73	19.92	20.14	20.34	20.54	20.77	20.89	21.05	21.29
10.03	9.87	9.25	8.69	8.17	7.70	7.81	7.79	7.76	7.74	7.72	8.23	8.21	8.19	8.17	8.15	8.13
15.63	15.64	14.92	14.27	13.66	13.13	13.45	13.41	13.37	13.34	13.30	14.07	14.03	14.00	13.96	13.93	13.89
14.62	14.34	14.46	13.40	13.58	13.80	14.04	14.30	14.82	15.21	15.68	16.10	16.52	17.00	17.29	17.64	18.14
8.85	8.70	8.09	7.53	7.02	6.56	6.67	6.66	6.64	6.62	6.61	7.12	7.10	7.08	7.07	7.05	7.03
12.05	12.10	11.41	10.78	10.20	9.68	10.02	10.00	9.97	9.95	9.92	10.71	10.68	10.66	10.63	10.61	10.58
27.92	27.75	26.94	26.18	25.49	24.88	25.10	25.01	24.93	24.85	24.77	25.44	25.37	25.29	25.21	25.14	25.06
21.47	21.39	20.62	19.92	19.28	18.71	18.98	18.91	18.86	18.80	18.74	19.46	19.41	19.35	19.30	19.24	19.19

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>146.18</b>	<b>144.03</b>	<b>141.37</b>	<b>141.77</b>	<b>138.74</b>	<b>135.93</b>	<b>133.27</b>	<b>131.08</b>	<b>128.95</b>	<b>129.79</b>	<b>128.02</b>	<b>126.16</b>	<b>125.39</b>	<b>124.57</b>	<b>123.77</b>	<b>122.27</b>	<b>121.66</b>
80.97	80.54	80.05	81.32	80.61	80.04	79.57	79.26	78.90	80.56	80.29	79.95	79.97	79.91	79.81	79.61	79.66
34.24	33.88	33.31	32.60	31.83	31.05	30.37	29.81	29.23	28.53	28.00	27.49	27.17	26.82	26.44	25.93	25.58
17.64	16.26	14.65	13.49	12.08	10.80	9.43	8.23	7.19	6.12	5.32	4.45	4.05	3.78	3.61	2.99	2.69
10.17	10.36	10.50	10.69	10.68	10.63	10.63	10.63	10.60	10.66	10.59	10.56	10.58	10.55	10.49	10.41	10.51
3.15	2.99	2.87	3.68	3.54	3.41	3.27	3.15	3.03	3.92	3.82	3.71	3.61	3.52	3.42	3.32	3.24
<b>21.79</b>	<b>21.58</b>	<b>21.35</b>	<b>20.84</b>	<b>20.41</b>	<b>19.88</b>	<b>19.38</b>	<b>19.07</b>	<b>18.75</b>	<b>18.34</b>	<b>18.00</b>	<b>17.63</b>	<b>17.41</b>	<b>17.16</b>	<b>16.92</b>	<b>16.66</b>	<b>16.44</b>
3.76	3.73	3.69	3.61	3.54	3.44	3.36	3.30	3.25	3.18	3.12	3.06	3.03	2.99	2.95	2.90	2.86
12.56	12.45	12.32	12.03	11.78	11.47	11.18	11.01	10.82	10.60	10.40	10.19	10.06	9.92	9.78	9.63	9.51
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.28	5.19	5.11	4.96	4.84	4.70	4.57	4.48	4.39	4.29	4.19	4.09	4.03	3.96	3.90	3.82	3.77
0.19	0.21	0.22	0.24	0.25	0.26	0.27	0.27	0.28	0.28	0.28	0.28	0.29	0.30	0.30	0.30	0.31
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>13.39</b>	<b>13.52</b>	<b>13.41</b>	<b>13.36</b>	<b>13.26</b>	<b>13.17</b>	<b>13.09</b>	<b>13.01</b>	<b>12.94</b>	<b>12.88</b>	<b>12.84</b>	<b>12.75</b>	<b>12.69</b>	<b>12.63</b>	<b>12.55</b>	<b>12.46</b>	<b>12.39</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.55	7.64	7.56	7.51	7.42	7.32	7.25	7.17	7.09	7.03	6.97	6.90	6.84	6.78	6.71	6.63	6.56
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.74	5.78	5.74	5.74	5.72	5.71	5.71	5.70	5.70	5.70	5.72	5.70	5.69	5.69	5.68	5.66	5.66
0.09	0.10	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.17
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>61.74</b>	<b>60.08</b>	<b>58.24</b>	<b>59.79</b>	<b>57.77</b>	<b>56.03</b>	<b>54.41</b>	<b>52.88</b>	<b>51.40</b>	<b>52.98</b>	<b>51.80</b>	<b>50.68</b>	<b>50.22</b>	<b>49.77</b>	<b>49.31</b>	<b>48.29</b>	<b>47.80</b>
5.46	5.56	5.65	5.80	5.79	5.77	5.81	5.81	5.79	5.89	5.85	5.85	5.87	5.85	5.80	5.74	5.70
3.15	2.99	2.87	2.76	2.60	2.46	2.31	2.18	2.05	1.96	1.85	1.74	1.63	1.53	1.44	1.35	1.27
14.13	13.79	13.43	13.06	12.63	12.25	11.94	11.63	11.31	10.91	10.64	10.40	10.27	10.12	9.95	9.67	9.51
17.64	16.26	14.65	13.49	12.08	10.80	9.43	8.23	7.19	6.12	5.32	4.45	4.05	3.78	3.61	2.99	2.69
1.17	1.14	1.09	1.17	1.12	1.07	1.03	0.98	0.94	1.04	1.01	0.97	0.97	0.96	0.96	0.94	0.93
10.71	10.70	10.74	12.67	12.64	12.68	12.79	12.85	12.86	14.80	14.80	14.82	14.84	14.81	14.74	14.67	14.65
9.48	9.64	9.83	9.91	9.98	10.05	10.15	10.22	10.27	10.30	10.36	10.47	10.61	10.73	10.84	10.95	11.09
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.92	0.94	0.95	0.96	0.97	0.98	1.96	1.97	1.97	1.98	1.98	1.99	1.98	1.97

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>49.29</b>	<b>49.23</b>	<b>49.60</b>	<b>52.60</b>	<b>52.32</b>	<b>52.01</b>	<b>53.43</b>	<b>54.00</b>	<b>53.42</b>	<b>51.75</b>	<b>49.82</b>	<b>48.57</b>	<b>47.98</b>	<b>48.99</b>
Aviation Fuel	5.94	5.93	5.26	7.29	7.91	7.92	7.94	7.95	7.97	7.98	8.00	8.02	8.03	8.05
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.06	0.08
Diesel	22.80	22.75	23.35	24.06	24.37	24.26	25.08	25.44	25.36	24.67	23.70	23.05	22.83	23.49
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.31	0.39	0.49
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lubricants	0.11	0.10	0.11	0.09	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.08	0.08	0.09
Motor Gasoline	20.42	20.43	20.88	21.16	19.97	19.75	20.32	20.51	20.00	19.00	17.78	17.06	16.59	16.79
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	137.12	140.09	166.57	165.32	154.38	152.39	155.68	162.80	161.02	154.05	144.94	139.35	137.33	144.07
Total Electric and Steam Energy Demand for Generation	165.15	163.75	175.64	165.70	161.75	174.12	176.19	179.63	178.78	175.97	171.50	168.78	164.10	166.65
Less Electricity and Steam Secondary Demand	36.03	35.83	36.32	36.78	35.92	36.17	36.97	38.25	37.80	36.38	34.46	33.27	32.78	34.01
<b>Total Primary Demand</b>	<b>266.24</b>	<b>268.01</b>	<b>305.88</b>	<b>294.25</b>	<b>280.21</b>	<b>290.34</b>	<b>294.90</b>	<b>304.18</b>	<b>302.01</b>	<b>293.64</b>	<b>281.97</b>	<b>274.86</b>	<b>268.64</b>	<b>276.72</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	6.48	6.98	28.04	21.42	18.47	19.93	20.65	25.74	25.39	21.83	17.32	14.77	14.25	18.23
RPP	92.46	108.09	113.87	113.90	104.36	112.28	115.75	119.27	117.34	112.20	105.18	100.80	95.10	98.39
Coal, Coke and Coke Oven Gas	4.57	3.47	3.48	4.14	3.73	3.47	3.61	3.60	3.69	3.76	3.68	3.55	3.40	3.28
Hydro	154.23	141.20	150.66	144.94	144.31	145.20	145.38	145.63	145.43	145.38	144.82	144.36	144.05	144.31
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	8.51	8.27	9.83	9.85	9.35	9.47	9.50	9.95	10.16	10.47	10.96	11.38	11.85	12.52

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>11.36</b>	<b>11.43</b>	<b>12.27</b>	<b>11.90</b>	<b>10.96</b>	<b>10.91</b>	<b>10.50</b>	<b>10.65</b>	<b>10.49</b>	<b>10.13</b>	<b>9.83</b>	<b>9.59</b>	<b>9.42</b>	<b>9.35</b>
Residential (PJ/Personal Income)	1.95	1.98	2.09	2.01	1.87	1.96	1.92	1.89	1.86	1.83	1.80	1.77	1.73	1.69
Commercial (PJ/GO)	0.91	0.96	1.01	1.08	1.05	1.03	1.00	0.98	0.96	0.94	0.92	0.90	0.88	0.86
Industrial (PJ/GO)	7.02	6.65	8.63	8.66	6.86	6.50	6.42	6.71	6.60	6.20	5.70	5.39	5.27	5.57
Transportation (PJ/GDP)	4.08	4.02	3.65	3.79	3.71	3.72	3.60	3.53	3.48	3.40	3.38	3.34	3.29	3.18

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>49.26</b>	<b>48.85</b>	<b>48.37</b>	<b>47.79</b>	<b>47.30</b>	<b>46.85</b>	<b>46.39</b>	<b>46.12</b>	<b>45.87</b>	<b>45.60</b>	<b>45.38</b>	<b>45.09</b>	<b>45.06</b>	<b>45.01</b>	<b>44.98</b>	<b>44.86</b>	<b>45.03</b>
8.06	8.08	8.10	8.11	8.13	8.15	8.16	8.18	8.19	8.21	8.23	8.24	8.26	8.28	8.29	8.31	8.33
0.09	0.11	0.11	0.13	0.14	0.15	0.15	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.35
23.79	23.55	23.30	22.99	22.74	22.56	22.42	22.34	22.28	22.27	22.26	22.22	22.28	22.33	22.40	22.41	22.50
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.57	0.66	0.71	0.78	0.84	0.88	0.91	0.94	0.97	0.99	1.00	1.02	1.04	1.07	1.08	1.10	1.11
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10
16.64	16.37	16.05	15.68	15.36	15.02	14.65	14.40	14.16	13.86	13.62	13.34	13.20	13.05	12.91	12.75	12.64
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
146.18	144.03	141.37	141.77	138.74	135.93	133.27	131.08	128.95	129.79	128.02	126.16	125.39	124.57	123.77	122.27	121.66
167.32	210.67	209.96	208.89	207.70	206.43	205.05	204.20	203.35	202.31	201.59	200.96	200.68	199.95	199.65	199.20	198.95
34.24	33.88	33.31	33.52	32.76	32.00	31.33	30.78	30.20	30.49	29.97	29.46	29.15	28.80	28.43	27.91	27.54
<b>279.25</b>	<b>320.82</b>	<b>318.03</b>	<b>317.15</b>	<b>313.68</b>	<b>310.36</b>	<b>306.99</b>	<b>304.51</b>	<b>302.10</b>	<b>301.61</b>	<b>299.64</b>	<b>297.66</b>	<b>296.92</b>	<b>295.72</b>	<b>294.98</b>	<b>293.56</b>	<b>293.07</b>

19.78	18.39	16.77	15.60	14.18	12.88	15.17	13.28	11.54	9.69	8.37	7.22	6.69	5.77	5.57	4.91	4.58
99.05	98.05	96.67	96.80	94.88	93.08	87.59	87.11	86.58	88.03	87.58	87.05	86.94	86.42	86.24	85.93	85.90
3.15	2.99	2.87	2.76	2.60	2.46	2.31	2.18	2.05	1.96	1.85	1.74	1.63	1.53	1.44	1.35	1.27
144.23	187.78	187.61	187.34	187.00	186.62	186.25	185.90	185.57	185.16	184.79	184.28	183.91	183.93	183.40	182.76	182.25
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13.03	13.61	14.11	14.66	15.01	15.32	15.68	16.03	16.35	16.76	17.05	17.37	17.74	18.07	18.35	18.61	19.06

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>9.26</b>	<b>8.99</b>	<b>8.86</b>	<b>8.83</b>	<b>8.68</b>	<b>8.53</b>	<b>8.37</b>	<b>8.24</b>	<b>8.10</b>	<b>8.12</b>	<b>7.97</b>	<b>7.83</b>	<b>7.72</b>	<b>7.62</b>	<b>7.52</b>	<b>7.42</b>	<b>7.33</b>
1.65	1.61	1.58	1.54	1.50	1.47	1.43	1.41	1.38	1.35	1.32	1.29	1.26	1.22	1.19	1.16	1.13
0.85	0.83	0.82	0.80	0.79	0.78	0.77	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.70	0.69
5.64	5.45	5.26	5.27	5.11	4.94	4.75	4.58	4.42	4.42	4.29	4.15	4.04	3.96	3.88	3.76	3.67
3.12	3.05	3.03	2.98	2.96	2.94	2.91	2.90	2.88	2.85	2.83	2.80	2.78	2.75	2.73	2.72	2.71





	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>7.78</b>	<b>10.98</b>	<b>7.29</b>	<b>6.55</b>	<b>6.71</b>	<b>6.80</b>	<b>7.01</b>	<b>7.14</b>	<b>7.46</b>	<b>7.59</b>	<b>7.64</b>	<b>7.53</b>	<b>7.16</b>	<b>7.25</b>
Aviation Fuel	1.62	3.02	1.95	1.85	1.98	1.99	2.00	2.02	2.03	2.05	2.06	2.08	2.09	2.11
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diesel	4.75	6.46	4.17	3.45	3.48	3.59	3.72	3.80	4.07	4.18	4.19	4.07	3.71	3.79
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.04	0.05
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Lubricants	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Motor Gasoline	1.38	1.48	1.16	1.22	1.23	1.20	1.26	1.30	1.34	1.35	1.34	1.33	1.30	1.29
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	17.95	24.06	19.38	17.34	17.02	16.29	16.06	16.03	16.20	16.20	16.08	15.84	15.87	16.14
Total Electric and Steam Energy Demand for Generation	2.19	2.42	1.71	1.32	1.37	5.03	5.25	5.27	5.23	5.20	5.17	5.15	5.30	5.37
Less Electricity and Steam Secondary Demand	1.88	1.90	1.96	2.21	2.29	2.26	2.32	2.32	2.31	2.31	2.30	2.28	2.34	2.36
<b>Total Primary Demand</b>	<b>18.26</b>	<b>24.59</b>	<b>19.13</b>	<b>16.44</b>	<b>16.10</b>	<b>19.07</b>	<b>18.99</b>	<b>18.97</b>	<b>19.11</b>	<b>19.09</b>	<b>18.95</b>	<b>18.70</b>	<b>18.83</b>	<b>19.15</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	4.42	7.05	5.96	4.82	4.46	3.81	3.27	3.06	2.85	2.68	2.52	2.40	2.71	2.82
RPP	12.81	16.49	12.19	10.66	10.62	14.06	14.52	14.68	15.01	15.14	15.12	14.99	14.78	14.97
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
Hydro	0.89	0.89	0.84	0.81	0.86	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.14	0.16	0.15	0.16	0.16	0.16	0.17	0.20	0.22	0.23	0.27	0.28	0.30	0.32

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>14.67</b>	<b>17.57</b>	<b>13.67</b>	<b>10.87</b>	<b>10.08</b>	<b>9.49</b>	<b>9.03</b>	<b>8.74</b>	<b>8.42</b>	<b>8.12</b>	<b>7.90</b>	<b>7.72</b>	<b>7.59</b>	<b>7.54</b>
Residential (PJ/Personal Income)	2.55	2.36	2.27	2.04	2.01	2.05	2.02	1.98	1.94	1.90	1.86	1.83	1.81	1.77
Commercial (PJ/GO)	1.20	1.16	0.96	1.13	1.03	1.03	1.01	0.99	0.96	0.95	0.93	0.91	0.88	0.87
Industrial (PJ/GO)	3.32	4.34	3.95	3.02	2.70	2.13	1.76	1.59	1.27	1.12	1.02	1.00	1.30	1.35
Transportation (PJ/GDP)	6.36	8.02	5.14	4.11	3.98	3.96	3.94	3.89	3.88	3.81	3.76	3.67	3.43	3.39

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>7.24</b>	<b>7.26</b>	<b>7.30</b>	<b>7.32</b>	<b>7.33</b>	<b>7.49</b>	<b>7.87</b>	<b>8.02</b>	<b>7.83</b>	<b>7.70</b>	<b>7.75</b>	<b>7.77</b>	<b>7.80</b>	<b>7.84</b>	<b>7.88</b>	<b>7.94</b>	<b>8.16</b>
2.12	2.13	2.15	2.16	2.18	2.20	2.21	2.23	2.24	2.26	2.27	2.29	2.30	2.32	2.34	2.35	2.37
0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.15
3.77	3.78	3.79	3.79	3.78	3.91	4.24	4.36	4.14	4.01	4.04	4.05	4.05	4.07	4.08	4.12	4.17
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.12	0.13	0.13
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1.27	1.27	1.27	1.27	1.27	1.27	1.30	1.32	1.32	1.30	1.30	1.30	1.31	1.31	1.32	1.32	1.33
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
16.05	16.08	16.15	16.17	16.17	16.34	16.82	17.03	16.86	16.72	16.78	16.81	16.87	16.95	17.00	17.08	17.33
5.27	5.26	5.26	5.21	5.14	5.07	5.07	5.06	4.99	4.93	4.86	4.83	4.80	4.77	4.68	4.65	4.60
2.34	2.33	2.33	2.32	2.29	2.27	2.27	2.27	2.26	2.24	2.22	2.21	2.20	2.19	2.17	2.15	2.14
<b>18.99</b>	<b>19.01</b>	<b>19.08</b>	<b>19.06</b>	<b>19.01</b>	<b>19.14</b>	<b>19.61</b>	<b>19.82</b>	<b>19.59</b>	<b>19.41</b>	<b>19.42</b>	<b>19.43</b>	<b>19.46</b>	<b>19.53</b>	<b>19.51</b>	<b>19.58</b>	<b>19.79</b>

2.74	2.69	2.66	2.62	2.58	2.56	2.55	2.54	2.52	2.50	2.48	2.46	2.46	2.45	2.45	2.44	2.44
14.88	14.94	15.03	15.04	15.01	15.16	15.62	15.82	15.60	15.43	15.45	15.47	15.50	15.56	15.55	15.62	15.69
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.33	0.34	0.35	0.37	0.38	0.39	0.40	0.42	0.44	0.44	0.45	0.45	0.46	0.47	0.48	0.48	0.62

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>7.39</b>	<b>7.26</b>	<b>7.12</b>	<b>6.98</b>	<b>6.87</b>	<b>6.77</b>	<b>6.69</b>	<b>6.58</b>	<b>6.36</b>	<b>6.24</b>	<b>6.13</b>	<b>6.02</b>	<b>5.90</b>	<b>5.79</b>	<b>5.70</b>	<b>5.61</b>	<b>5.58</b>
1.73	1.71	1.68	1.65	1.61	1.58	1.54	1.51	1.47	1.45	1.42	1.39	1.35	1.32	1.29	1.26	1.23
0.86	0.85	0.84	0.84	0.83	0.83	0.82	0.82	0.79	0.79	0.78	0.78	0.77	0.77	0.76	0.76	0.75
1.30	1.26	1.22	1.18	1.15	1.08	0.95	0.91	0.96	0.98	0.95	0.94	0.92	0.90	0.88	0.86	0.83
3.33	3.28	3.22	3.16	3.11	3.10	3.13	3.10	2.95	2.87	2.83	2.78	2.73	2.68	2.64	2.61	2.63





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>80.60</b>	<b>77.82</b>	<b>79.81</b>	<b>82.21</b>	<b>86.76</b>	<b>86.62</b>	<b>86.10</b>	<b>85.91</b>	<b>83.96</b>	<b>82.25</b>	<b>81.55</b>	<b>80.20</b>	<b>79.51</b>	<b>78.72</b>
Aviation Fuel	6.90	6.23	6.37	7.09	9.66	9.70	9.75	9.80	9.85	9.90	9.95	10.00	10.05	10.10
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.07	0.09
Diesel	27.80	27.10	28.23	29.10	30.82	31.15	30.98	30.95	30.32	29.82	29.69	28.90	28.56	28.14
Electric	0.00	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.69	0.88	1.08
Heavy Fuel Oil	2.91	2.25	2.30	2.30	2.35	2.38	2.41	2.44	2.47	2.50	2.54	2.57	2.60	2.63
LPG	0.07	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.04	0.04	0.03	0.03
Lubricants	0.32	0.28	0.29	0.25	0.24	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28
Motor Gasoline	42.60	41.86	42.53	43.38	43.60	43.05	42.62	42.38	40.98	39.70	38.53	37.66	37.01	36.35
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	204.41	206.30	220.55	227.84	226.54	222.00	219.35	221.34	216.82	214.29	214.48	210.25	207.83	205.67
Total Electric and Steam Energy Demand for Generation	117.69	89.01	80.98	95.23	100.40	94.23	96.46	96.08	99.00	94.37	91.31	90.21	88.81	87.54
Less Electricity and Steam Secondary Demand	34.83	35.87	35.88	36.70	37.13	37.83	37.75	37.75	37.21	37.01	36.86	36.63	36.29	35.93
<b>Total Primary Demand</b>	<b>287.26</b>	<b>259.43</b>	<b>265.64</b>	<b>286.36</b>	<b>289.81</b>	<b>278.40</b>	<b>278.06</b>	<b>279.67</b>	<b>278.61</b>	<b>271.64</b>	<b>268.93</b>	<b>263.83</b>	<b>260.36</b>	<b>257.28</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	4.95	3.58	6.86	9.49	8.26	7.80	6.94	9.48	8.83	8.42	9.66	7.47	6.50	5.57
RPP	167.32	164.34	165.34	181.72	183.83	194.06	193.40	192.64	185.36	181.30	184.04	181.53	164.12	162.20
Coal, Coke and Coke Oven Gas	98.54	75.57	73.87	73.37	78.25	50.99	52.37	51.55	58.25	55.00	47.07	45.72	59.72	58.58
Hydro	3.33	2.56	3.72	3.92	3.23	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	13.12	13.38	15.86	17.85	16.25	22.17	21.97	22.61	22.78	23.53	24.78	25.73	26.64	27.55

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>9.09</b>	<b>8.87</b>	<b>9.12</b>	<b>9.37</b>	<b>9.02</b>	<b>8.74</b>	<b>8.45</b>	<b>8.36</b>	<b>8.17</b>	<b>7.96</b>	<b>7.82</b>	<b>7.57</b>	<b>7.38</b>	<b>7.20</b>
Residential (PJ/Personal Income)	1.94	1.98	1.97	2.03	1.63	1.93	1.90	1.87	1.85	1.82	1.79	1.75	1.70	1.65
Commercial (PJ/GO)	0.87	0.93	0.89	1.06	1.30	1.02	0.99	0.96	0.94	0.91	0.89	0.87	0.85	0.83
Industrial (PJ/GO)	4.36	4.08	4.73	4.64	4.17	3.95	3.77	3.80	3.67	3.58	3.56	3.36	3.23	3.12
Transportation (PJ/GDP)	3.58	3.35	3.30	3.38	3.45	3.41	3.32	3.25	3.17	3.06	2.98	2.89	2.82	2.76

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquefied petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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<b>78.22</b>	<b>78.10</b>	<b>78.16</b>	<b>78.03</b>	<b>77.85</b>	<b>77.78</b>	<b>77.57</b>	<b>77.29</b>	<b>76.96</b>	<b>76.63</b>	<b>76.36</b>	<b>75.97</b>	<b>76.01</b>	<b>76.00</b>	<b>75.97</b>	<b>76.00</b>	<b>76.44</b>
10.15	10.20	10.25	10.30	10.35	10.41	10.46	10.51	10.56	10.61	10.67	10.72	10.77	10.83	10.88	10.94	10.99
0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.24	0.57
27.94	27.94	27.97	27.89	27.80	27.76	27.72	27.63	27.51	27.40	27.39	27.39	27.51	27.62	27.71	27.83	28.00
0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
1.24	1.40	1.56	1.69	1.81	1.92	2.01	2.09	2.16	2.22	2.27	2.30	2.36	2.40	2.44	2.47	2.50
2.67	2.70	2.73	2.77	2.80	2.84	2.87	2.91	2.94	2.98	3.02	3.06	3.09	3.13	3.17	3.21	3.25
0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.35	0.35	0.36	0.36
35.79	35.41	35.18	34.89	34.58	34.35	33.98	33.61	33.23	32.85	32.44	31.92	31.67	31.41	31.15	30.93	30.74
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
203.84	203.51	203.77	203.17	202.36	201.82	201.08	200.61	199.82	198.83	198.11	197.41	197.64	197.54	197.18	196.95	197.41
86.94	82.12	83.45	79.08	77.05	70.62	66.24	65.38	64.52	63.09	62.21	61.39	60.81	60.07	59.43	58.67	58.10
35.53	35.41	35.34	35.03	34.63	34.24	33.94	33.61	33.23	32.80	32.41	32.06	31.86	31.58	31.25	30.94	30.69
<b>255.25</b>	<b>250.21</b>	<b>251.88</b>	<b>247.22</b>	<b>244.79</b>	<b>238.20</b>	<b>233.38</b>	<b>232.37</b>	<b>231.11</b>	<b>229.12</b>	<b>227.91</b>	<b>226.74</b>	<b>226.59</b>	<b>226.03</b>	<b>225.37</b>	<b>224.69</b>	<b>224.83</b>

4.89	8.85	11.46	20.04	19.56	40.75	40.13	39.97	39.82	46.35	45.51	44.77	44.48	43.55	42.72	41.66	40.68
161.30	147.50	150.28	147.66	146.18	144.67	144.35	144.03	143.55	142.88	142.57	142.17	142.43	142.56	142.59	142.73	143.10
57.30	61.05	56.36	45.03	43.95	17.15	12.69	11.57	10.49	2.27	1.79	1.30	0.63	0.37	0.16	0.05	0.01
3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28.39	29.43	30.39	31.12	31.72	32.24	32.83	33.42	33.87	34.24	34.67	35.11	35.67	36.16	36.51	36.87	37.66

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>7.04</b>	<b>6.89</b>	<b>6.76</b>	<b>6.65</b>	<b>6.53</b>	<b>6.43</b>	<b>6.31</b>	<b>6.22</b>	<b>6.13</b>	<b>6.04</b>	<b>5.95</b>	<b>5.85</b>	<b>5.77</b>	<b>5.70</b>	<b>5.62</b>	<b>5.55</b>	<b>5.49</b>
1.61	1.57	1.52	1.48	1.45	1.41	1.37	1.34	1.30	1.27	1.24	1.21	1.17	1.14	1.11	1.08	1.05
0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71	0.71	0.70	0.69	0.69	0.68
3.03	2.95	2.88	2.83	2.78	2.73	2.67	2.64	2.61	2.58	2.55	2.51	2.47	2.44	2.40	2.37	2.34
2.70	2.64	2.59	2.55	2.51	2.48	2.43	2.40	2.36	2.33	2.29	2.25	2.22	2.19	2.17	2.14	2.12





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>2.67</b>	<b>4.16</b>	<b>4.02</b>	<b>4.55</b>	<b>4.63</b>	<b>4.75</b>	<b>4.90</b>	<b>4.99</b>	<b>5.32</b>	<b>5.44</b>	<b>5.47</b>	<b>5.33</b>	<b>4.91</b>	<b>4.99</b>
Aviation Fuel	0.55	0.62	0.59	0.66	0.74	0.74	0.75	0.76	0.76	0.77	0.77	0.78	0.79	0.79
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diesel	1.83	3.25	3.18	3.61	3.60	3.72	3.85	3.92	4.23	4.35	4.36	4.22	3.79	3.86
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lubricants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Gasoline	0.29	0.29	0.24	0.28	0.29	0.28	0.30	0.31	0.32	0.33	0.33	0.32	0.32	0.32
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<hr/>														
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	3.62	5.27	4.92	5.22	5.34	5.71	5.94	6.08	6.46	6.62	6.66	6.54	6.11	6.22
Total Electric and Steam Energy Demand for Generation	0.62	0.49	0.75	0.00	0.00	1.98	2.15	2.23	2.35	2.37	2.34	2.33	2.24	2.22
Less Electricity and Steam Secondary Demand	0.75	0.91	0.69	0.48	0.50	0.76	0.82	0.86	0.90	0.93	0.94	0.94	0.94	0.96
<b>Total Primary Demand</b>	<b>3.49</b>	<b>4.84</b>	<b>4.98</b>	<b>4.74</b>	<b>4.83</b>	<b>6.93</b>	<b>7.27</b>	<b>7.45</b>	<b>7.91</b>	<b>8.07</b>	<b>8.07</b>	<b>7.92</b>	<b>7.41</b>	<b>7.48</b>
<hr/>														
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RPP	3.48	4.81	4.96	4.72	4.82	6.88	7.21	7.38	7.83	7.94	7.87	7.65	7.07	7.05
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.02	0.02	0.02	0.02	0.02	0.05	0.06	0.07	0.08	0.12	0.20	0.28	0.35	0.42
<hr/>														
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>2.76</b>	<b>3.59</b>	<b>3.24</b>	<b>3.05</b>	<b>2.95</b>	<b>3.10</b>	<b>3.11</b>	<b>3.09</b>	<b>3.13</b>	<b>3.10</b>	<b>3.06</b>	<b>2.97</b>	<b>2.73</b>	<b>2.71</b>
Residential (PJ/Personal Income)	0.29	0.33	0.29	0.24	0.23	0.42	0.44	0.46	0.49	0.50	0.51	0.51	0.51	0.52
Commercial (PJ/GO)	0.35	0.43	0.34	0.38	0.41	0.38	0.38	0.37	0.36	0.36	0.35	0.35	0.34	0.34
Industrial (PJ/GO)	0.81	0.67	0.48	0.03	0.02	0.16	0.17	0.15	0.13	0.12	0.11	0.11	0.13	0.13
Transportation (PJ/GDP)	2.04	2.83	2.64	2.66	2.56	2.58	2.57	2.54	2.58	2.55	2.51	2.43	2.19	2.17

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>4.98</b>	<b>4.99</b>	<b>5.01</b>	<b>5.01</b>	<b>5.00</b>	<b>5.16</b>	<b>5.55</b>	<b>5.68</b>	<b>5.43</b>	<b>5.28</b>	<b>5.32</b>	<b>5.33</b>	<b>5.33</b>	<b>5.36</b>	<b>5.38</b>	<b>5.43</b>	<b>5.64</b>
0.80	0.81	0.81	0.82	0.83	0.83	0.84	0.85	0.85	0.86	0.87	0.87	0.88	0.89	0.89	0.90	0.91
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
3.85	3.85	3.85	3.84	3.83	3.97	4.34	4.46	4.20	4.04	4.07	4.07	4.06	4.07	4.08	4.12	4.17
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.32	0.32	0.33	0.33	0.33	0.34	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.37	0.38	0.38	0.39
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
6.23	6.26	6.31	6.34	6.36	6.54	6.98	7.15	6.91	6.76	6.82	6.84	6.86	6.90	6.94	7.00	7.22
2.19	2.11	2.13	2.19	2.20	2.23	2.29	2.32	2.34	2.35	2.39	2.37	2.38	2.43	2.44	2.43	2.44
0.97	0.98	1.00	1.03	1.04	1.06	1.10	1.12	1.13	1.14	1.14	1.15	1.16	1.17	1.18	1.18	1.19
<b>7.45</b>	<b>7.38</b>	<b>7.43</b>	<b>7.50</b>	<b>7.52</b>	<b>7.71</b>	<b>8.17</b>	<b>8.35</b>	<b>8.12</b>	<b>7.98</b>	<b>8.06</b>	<b>8.06</b>	<b>8.08</b>	<b>8.17</b>	<b>8.20</b>	<b>8.25</b>	<b>8.47</b>

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.95	6.81	6.82	6.89	6.86	7.02	7.44	7.59	7.36	7.22	7.30	7.27	7.29	7.37	7.40	7.43	7.50
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.50	0.57	0.61	0.62	0.65	0.69	0.73	0.75	0.76	0.76	0.76	0.78	0.79	0.80	0.80	0.83	0.97

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>2.68</b>	<b>2.64</b>	<b>2.60</b>	<b>2.55</b>	<b>2.52</b>	<b>2.53</b>	<b>2.59</b>	<b>2.58</b>	<b>2.43</b>	<b>2.36</b>	<b>2.33</b>	<b>2.28</b>	<b>2.24</b>	<b>2.20</b>	<b>2.17</b>	<b>2.15</b>	<b>2.17</b>
0.53	0.53	0.53	0.54	0.54	0.55	0.56	0.56	0.56	0.56	0.55	0.55	0.55	0.54	0.54	0.53	0.52
0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.32	0.32	0.32	0.32	0.32	0.32	0.31	0.31	0.31
0.13	0.12	0.12	0.11	0.11	0.10	0.09	0.08	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.07	0.07
2.14	2.10	2.06	2.02	1.98	2.00	2.06	2.05	1.91	1.84	1.81	1.78	1.74	1.71	1.68	1.67	1.69

Table A2.24: Demand, Triple E, Ontario

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	27.49	26.54	27.39	26.59	26.52	25.14	24.33	25.50	26.65	29.39	31.77	32.04	32.72	31.80
Natural Gas	11.08	11.39	11.95	12.10	12.38	13.08	13.87	14.65	17.43	17.29	17.92	16.91	15.96	15.09
Light Fuel Oil	13.72	14.22	12.68	14.60	14.60	18.20	19.30	18.51	18.33	18.17	19.22	18.12	17.08	16.12
<b>Commercial</b>														
Electricity	24.56	23.70	25.89	24.83	20.92	19.80	19.15	20.09	21.01	23.21	25.12	25.34	25.90	25.16
Natural Gas	8.22	8.74	10.06	10.59	10.81	11.62	12.52	13.35	16.15	16.01	16.66	15.66	14.73	13.86
Light Fuel Oil	13.72	14.22	12.68	14.60	14.85	18.43	19.51	18.71	18.53	18.38	19.42	18.32	17.28	16.32
<b>Industrial</b>														
Electricity	16.89	17.03	19.74	19.83	18.12	17.10	16.55	17.43	18.26	20.27	22.02	22.24	22.75	22.09
Natural Gas	7.33	6.35	9.41	8.54	8.74	9.69	10.73	11.64	14.45	14.33	14.99	14.01	13.09	12.25
Heavy Fuel Oil	9.11	9.44	8.42	9.69	9.84	13.76	15.19	14.57	14.43	14.31	15.39	14.33	13.33	12.41
<b>Transportation</b>														
Gasoline	25.86	26.15	26.11	26.11	26.11	28.91	29.21	28.02	27.75	27.51	28.39	27.20	26.06	25.00
Diesel	21.17	21.85	20.11	20.63	20.63	23.81	24.49	23.49	23.26	23.07	24.03	22.88	21.79	20.78

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>2 999.37</b>	<b>2 894.73</b>	<b>3 057.10</b>	<b>3 088.65</b>	<b>3 167.43</b>	<b>3 236.35</b>	<b>3 221.87</b>	<b>3 235.60</b>	<b>3 200.85</b>	<b>3 228.67</b>	<b>3 244.82</b>	<b>3 262.70</b>	<b>3 269.12</b>	<b>3 294.68</b>
RPP <sup>1,2</sup>	1 267.73	1 252.31	1 323.96	1 341.24	1 400.66	1 443.26	1 424.12	1 411.20	1 390.91	1 400.77	1 409.29	1 422.84	1 433.61	1 452.60
Electric	507.19	503.43	522.79	512.87	512.69	530.38	534.80	540.41	538.97	545.29	549.57	553.04	552.76	554.64
Natural Gas	956.01	886.33	941.44	970.09	969.60	983.15	984.22	985.02	969.02	970.95	970.23	970.63	967.69	970.59
Biofuels & Emerging Energy <sup>3</sup>	107.35	99.25	109.47	105.29	129.14	116.44	114.67	140.09	140.29	143.69	147.08	150.59	153.94	158.41
Other <sup>4</sup>	161.09	153.41	159.44	159.16	155.33	163.11	164.06	158.88	161.66	167.98	168.64	165.59	161.12	158.45
<b>Residential Sector</b>	<b>524.94</b>	<b>512.22</b>	<b>527.26</b>	<b>565.71</b>	<b>545.94</b>	<b>559.75</b>	<b>564.17</b>	<b>578.14</b>	<b>572.94</b>	<b>574.94</b>	<b>576.79</b>	<b>581.90</b>	<b>583.88</b>	<b>586.04</b>
Biomass	17.58	16.20	17.26	18.77	19.00	19.61	19.90	20.50	20.54	20.87	21.27	21.81	22.17	22.49
Electricity	153.71	159.87	158.84	160.52	162.96	165.07	166.51	169.92	168.61	169.16	169.74	171.24	171.59	172.05
Natural Gas	315.34	302.28	316.53	349.21	335.58	346.98	350.56	357.85	354.29	355.44	356.29	359.09	360.30	361.57
RPP	38.32	33.87	34.63	37.22	28.40	28.08	27.19	26.61	25.58	24.89	24.06	23.19	22.31	21.42
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.27	3.92	4.58	5.43	6.56	7.51	8.51
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Commercial Sector</b>	<b>517.42</b>	<b>494.39</b>	<b>518.71</b>	<b>534.34</b>	<b>523.69</b>	<b>536.43</b>	<b>538.45</b>	<b>542.20</b>	<b>532.43</b>	<b>532.42</b>	<b>530.35</b>	<b>529.30</b>	<b>526.72</b>	<b>528.19</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	176.71	167.18	191.78	193.84	191.75	203.40	206.66	209.47	208.66	210.43	211.21	211.94	211.67	212.43
Natural Gas	290.99	276.01	273.04	275.72	259.33	259.17	257.46	255.22	245.76	242.21	237.80	234.28	230.49	229.26
RPP	49.42	50.89	53.58	64.45	72.29	73.43	73.90	74.71	74.66	75.89	76.86	78.02	78.97	80.34
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37	2.95	3.50	4.10	4.69	5.22	5.79
Other	0.30	0.31	0.31	0.34	0.33	0.43	0.42	0.42	0.41	0.40	0.38	0.37	0.37	0.37
<b>Industrial Sector</b>	<b>1 117.60</b>	<b>1 068.90</b>	<b>1 185.03</b>	<b>1 134.85</b>	<b>1 209.90</b>	<b>1 256.88</b>	<b>1 255.17</b>	<b>1 242.82</b>	<b>1 238.96</b>	<b>1 268.33</b>	<b>1 287.33</b>	<b>1 297.14</b>	<b>1 300.18</b>	<b>1 314.07</b>
Biomass	89.77	83.05	92.21	86.52	110.14	96.84	94.77	93.14	92.09	93.83	95.40	96.50	97.50	98.85
Coal, Coke & Coke Oven Gas	149.80	141.26	146.23	143.30	137.25	141.76	142.52	137.14	140.05	145.84	146.15	142.76	138.14	135.22
Electricity	175.41	175.07	170.78	157.17	156.63	160.59	160.37	159.78	160.53	164.55	167.50	168.74	168.39	169.05
Natural Gas	348.09	306.58	350.50	343.78	373.32	375.65	374.89	370.67	367.77	372.14	375.02	376.15	375.82	378.68
LPG & Petroleum Feedstocks	164.65	172.08	206.55	176.66	206.65	225.60	228.01	229.84	228.68	237.85	245.85	252.82	258.45	265.66
RPP	97.56	93.21	91.39	97.92	105.60	108.50	107.59	105.76	105.49	108.22	110.52	112.55	114.65	117.85
Still Gas & Petroleum Coke	81.32	85.81	114.48	113.97	102.57	127.01	125.90	125.17	123.17	124.16	124.78	125.17	124.63	125.90
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	10.99	11.85	12.90	15.53	17.76	20.92	21.12	21.32	21.20	21.75	22.10	22.45	22.61	22.87

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
34.54	34.69	34.43	34.63	34.48	34.74	35.23	35.52	36.54	37.47	38.35	39.30	40.29	41.76	42.80	43.85	44.85
14.28	14.08	13.43	12.83	12.28	11.79	11.88	11.84	11.80	11.77	11.73	12.23	12.19	12.16	12.12	12.09	12.05
15.24	15.26	14.54	13.89	13.29	12.75	13.08	13.04	13.01	12.97	12.93	13.71	13.67	13.64	13.60	13.57	13.53
27.37	27.49	27.28	27.45	27.33	27.55	27.95	28.19	29.00	29.76	30.46	31.22	32.03	33.20	34.04	34.89	35.69
13.07	12.88	12.24	11.65	11.11	10.63	10.72	10.68	10.65	10.62	10.59	11.09	11.06	11.03	11.00	10.97	10.94
15.44	15.45	14.73	14.08	13.48	12.94	13.27	13.22	13.19	13.15	13.12	13.89	13.85	13.82	13.78	13.75	13.71
24.12	24.25	24.07	24.24	24.14	24.35	24.72	24.95	25.70	26.40	27.05	27.76	28.50	29.58	30.35	31.13	31.87
11.47	11.30	10.67	10.09	9.57	9.09	9.19	9.16	9.14	9.11	9.08	9.59	9.56	9.54	9.51	9.49	9.46
11.57	11.63	10.94	10.31	9.74	9.23	9.57	9.54	9.52	9.50	9.47	10.26	10.23	10.21	10.19	10.17	10.14
24.02	23.89	23.10	22.38	21.72	21.13	21.36	21.29	21.22	21.16	21.09	21.78	21.71	21.65	21.58	21.52	21.46
19.84	19.78	19.03	18.34	17.71	17.15	17.42	17.36	17.31	17.26	17.21	17.94	17.89	17.84	17.79	17.74	17.69

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>3 313.92</b>	<b>3 356.93</b>	<b>3 411.15</b>	<b>3 443.96</b>	<b>3 471.73</b>	<b>3 501.08</b>	<b>3 543.72</b>	<b>3 572.00</b>	<b>3 586.77</b>	<b>3 597.68</b>	<b>3 613.18</b>	<b>3 632.83</b>	<b>3 664.04</b>	<b>3 680.79</b>	<b>3 687.59</b>	<b>3 695.22</b>	<b>3 712.29</b>
1 467.86	1 493.15	1 524.93	1 547.59	1 569.12	1 591.76	1 619.36	1 639.90	1 654.80	1 668.05	1 683.06	1 698.37	1 719.92	1 735.21	1 745.97	1 757.40	1 773.03
553.45	556.56	560.50	560.62	559.43	557.82	558.52	557.27	554.32	550.68	547.58	545.68	545.14	542.51	538.63	534.86	532.17
974.50	986.78	1 001.90	1 012.09	1 021.04	1 031.49	1 046.64	1 057.19	1 062.98	1 067.98	1 074.52	1 082.51	1 093.55	1 099.85	1 102.87	1 105.98	1 112.17
162.51	168.28	173.88	177.35	180.25	181.93	184.58	186.29	187.18	187.50	188.00	189.38	191.72	193.11	193.85	194.55	195.83
155.60	152.16	149.95	146.31	141.89	138.08	134.61	131.34	127.50	123.47	120.03	116.90	113.72	110.11	106.28	102.43	99.09
<b>586.59</b>	<b>590.84</b>	<b>596.14</b>	<b>598.52</b>	<b>599.79</b>	<b>598.74</b>	<b>598.03</b>	<b>595.97</b>	<b>592.31</b>	<b>589.45</b>	<b>585.59</b>	<b>580.79</b>	<b>578.99</b>	<b>575.74</b>	<b>571.59</b>	<b>567.62</b>	<b>563.80</b>
22.72	23.08	23.44	23.64	23.76	23.75	23.76	23.71	23.60	23.51	23.38	23.23	23.19	23.10	22.96	22.83	22.70
171.62	172.37	173.42	173.61	173.48	172.69	172.13	171.31	170.07	169.10	167.90	166.59	166.16	165.30	164.22	163.20	162.25
362.36	365.36	369.05	371.00	372.29	372.20	372.18	371.20	369.21	367.69	365.53	362.58	361.51	359.57	357.06	354.65	352.31
20.54	19.83	19.18	18.48	17.78	17.07	16.40	15.76	15.14	14.56	14.00	13.45	12.95	12.47	12.01	11.57	11.15
9.35	10.20	11.05	11.78	12.47	13.03	13.56	13.98	14.29	14.58	14.79	14.94	15.17	15.29	15.35	15.38	15.39
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>528.86</b>	<b>534.33</b>	<b>540.08</b>	<b>544.66</b>	<b>549.76</b>	<b>555.50</b>	<b>562.71</b>	<b>568.20</b>	<b>572.31</b>	<b>576.76</b>	<b>582.33</b>	<b>587.87</b>	<b>594.87</b>	<b>600.41</b>	<b>605.52</b>	<b>611.30</b>	<b>618.25</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
211.81	212.96	214.14	214.24	214.35	214.36	215.01	214.83	214.30	213.49	213.00	212.74	212.84	212.35	211.68	211.16	210.96
228.81	230.62	232.68	235.02	237.77	241.26	245.33	248.99	251.78	255.29	259.41	263.30	267.99	272.06	275.98	280.27	285.20
81.62	83.60	85.63	87.33	89.13	90.98	93.05	94.71	96.26	97.73	99.40	101.09	103.05	104.81	106.52	108.37	110.44
6.26	6.78	7.27	7.70	8.13	8.53	8.94	9.29	9.60	9.86	10.12	10.36	10.60	10.79	10.95	11.10	11.25
0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.40	0.40	0.40
<b>1 324.87</b>	<b>1 346.23</b>	<b>1 375.17</b>	<b>1 390.24</b>	<b>1 400.07</b>	<b>1 414.35</b>	<b>1 439.68</b>	<b>1 456.97</b>	<b>1 466.47</b>	<b>1 470.47</b>	<b>1 479.68</b>	<b>1 496.65</b>	<b>1 516.07</b>	<b>1 526.55</b>	<b>1 530.06</b>	<b>1 532.81</b>	<b>1 542.40</b>
99.90	102.14	104.28	105.06	105.01	105.08	106.21	106.76	106.75	106.17	105.84	106.35	107.23	107.31	106.72	106.10	106.01
132.07	128.14	125.22	121.12	116.32	112.07	107.96	104.25	100.09	95.90	92.19	88.68	85.07	81.23	77.34	73.45	69.95
168.93	170.12	171.82	171.65	170.47	169.63	170.24	169.99	168.81	166.94	165.53	165.22	165.00	163.71	161.60	159.36	157.82
382.27	389.73	399.09	404.98	409.87	416.92	428.02	435.87	440.86	443.87	448.45	455.51	462.93	467.11	468.73	469.97	473.56
271.38	279.33	290.31	297.71	303.91	310.42	319.39	326.28	331.89	335.92	341.36	348.93	357.18	363.16	367.24	370.89	375.95
120.84	125.59	130.71	134.70	138.39	142.54	147.95	152.38	155.62	158.61	162.08	166.30	170.96	174.80	178.13	181.58	185.84
126.32	127.53	129.37	130.19	130.90	132.05	133.63	134.71	135.41	135.88	136.77	137.82	139.44	140.76	141.76	142.89	144.53
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23.16	23.66	24.36	24.82	25.20	25.64	26.27	26.71	27.02	27.19	27.45	27.83	28.26	28.48	28.54	28.58	28.73

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>839.41</b>	<b>819.22</b>	<b>826.10</b>	<b>853.74</b>	<b>887.90</b>	<b>883.30</b>	<b>864.09</b>	<b>872.43</b>	<b>856.52</b>	<b>852.98</b>	<b>850.35</b>	<b>854.35</b>	<b>858.34</b>	<b>866.38</b>
Aviation Fuel	62.06	45.80	35.86	49.40	57.93	58.74	59.57	60.40	61.25	62.10	62.97	63.85	64.75	65.66
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.66	2.66	2.68	2.65	2.62	2.57	2.57
Diesel	250.74	238.70	242.40	245.91	261.39	263.80	258.81	252.98	250.55	252.48	254.41	257.21	259.88	264.05
Electric	1.36	1.32	1.39	1.35	1.36	1.31	1.26	1.23	1.18	1.15	1.13	1.12	1.11	1.11
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.16	18.14	18.24	18.22	18.42	18.97	20.20
Heavy Fuel Oil	5.54	6.60	6.76	6.84	7.09	7.18	7.27	7.36	7.45	7.55	7.64	7.74	7.83	7.93
LPG	4.82	5.50	3.03	3.49	4.20	3.91	3.56	3.26	2.93	2.66	2.38	2.13	1.89	1.68
Lubricants	3.88	4.74	5.65	6.14	5.80	5.98	6.15	6.39	6.48	6.67	6.89	7.15	7.37	7.60
Motor Gasoline	509.41	515.10	529.64	539.23	548.75	541.02	526.17	518.73	504.69	498.30	492.93	493.01	492.89	494.51
Natural Gas	1.60	1.46	1.37	1.38	1.38	1.36	1.31	1.27	1.20	1.16	1.12	1.11	1.09	1.08

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	2 999.37	2 894.73	3 057.10	3 088.65	3 167.43	3 236.35	3 221.87	3 235.60	3 200.85	3 228.67	3 244.82	3 262.70	3 269.12	3 294.68
Total Electric and Steam Energy Demand for Generation	1 370.39	1 390.45	1 387.45	1 460.83	1 499.56	1 491.76	1 476.64	1 529.09	1 522.88	1 504.23	1 488.15	1 460.92	1 438.18	1 429.56
Less Electricity and Steam Secondary Demand	518.48	515.59	536.00	528.74	530.78	551.73	556.34	562.14	560.59	567.43	572.06	575.87	575.74	577.87
<b>Total Primary Demand</b>	<b>3 851.28</b>	<b>3 769.59</b>	<b>3 908.55</b>	<b>4 020.75</b>	<b>4 136.21</b>	<b>4 176.37</b>	<b>4 142.17</b>	<b>4 202.54</b>	<b>4 163.15</b>	<b>4 165.47</b>	<b>4 160.90</b>	<b>4 147.75</b>	<b>4 131.56</b>	<b>4 146.37</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	1 063.96	1 011.36	1 070.70	1 105.97	1 092.79	1 111.47	1 115.65	1 122.80	1 112.48	1 135.26	1 157.09	1 161.04	1 142.27	1 158.15
RPP	1 273.19	1 261.06	1 329.92	1 362.83	1 418.32	1 454.26	1 434.52	1 420.82	1 398.06	1 408.09	1 417.63	1 432.50	1 442.81	1 461.02
Coal, Coke and Coke Oven Gas	576.35	532.00	529.82	593.50	471.39	377.61	365.89	386.60	409.35	356.70	273.46	253.34	231.98	212.33
Hydro	136.41	133.64	138.25	129.76	142.14	135.84	135.93	135.93	136.26	142.46	144.83	144.83	144.83	144.83
Nuclear	694.02	732.29	730.39	723.40	882.33	966.98	958.85	973.81	939.21	949.26	988.26	970.38	978.15	971.54
Biofuels & Emerging Energy	107.35	99.25	109.47	105.29	129.23	130.22	131.34	162.58	167.78	173.71	179.62	185.65	191.52	198.51

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>7.05</b>	<b>6.72</b>	<b>6.84</b>	<b>6.71</b>	<b>6.65</b>	<b>6.57</b>	<b>6.37</b>	<b>6.23</b>	<b>6.06</b>	<b>5.91</b>	<b>5.75</b>	<b>5.63</b>	<b>5.51</b>	<b>5.41</b>
Residential (PJ/Personal Income)	1.61	1.56	1.59	1.70	1.61	1.61	1.58	1.55	1.52	1.49	1.45	1.41	1.37	1.33
Commercial (PJ/GO)	1.13	1.06	1.09	1.08	1.02	1.01	0.98	0.96	0.93	0.91	0.88	0.86	0.84	0.82
Industrial (PJ/GO)	2.80	2.76	2.93	2.84	2.89	2.90	2.80	2.67	2.56	2.48	2.39	2.32	2.25	2.20
Transportation (PJ/GDP)	1.97	1.90	1.85	1.85	1.87	1.79	1.71	1.68	1.62	1.56	1.51	1.47	1.45	1.42

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquefied petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>873.61</b>	<b>885.54</b>	<b>899.77</b>	<b>910.54</b>	<b>922.11</b>	<b>932.48</b>	<b>943.30</b>	<b>950.86</b>	<b>955.67</b>	<b>961.00</b>	<b>965.58</b>	<b>967.52</b>	<b>974.11</b>	<b>978.09</b>	<b>980.42</b>	<b>983.49</b>	<b>987.83</b>
66.57	67.51	68.45	69.41	70.38	71.37	72.37	73.38	74.41	75.45	76.50	77.58	78.66	79.76	80.88	82.01	83.16
2.61	2.73	2.88	3.01	3.11	3.19	3.26	3.30	3.33	3.34	3.36	3.38	3.41	3.44	3.46	3.48	3.51
267.58	272.71	278.27	282.64	287.16	292.08	297.94	302.59	306.38	310.03	313.83	317.25	321.69	325.04	327.73	330.78	334.74
1.10	1.10	1.11	1.12	1.13	1.13	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14
21.66	23.35	24.97	26.16	27.77	28.34	28.84	29.24	29.61	30.03	30.51	31.11	32.11	33.19	34.40	35.66	36.97
8.03	8.13	8.23	8.33	8.44	8.54	8.65	8.76	8.87	8.98	9.09	9.21	9.32	9.44	9.55	9.67	9.79
1.50	1.34	1.20	1.07	0.95	0.85	0.75	0.66	0.59	0.52	0.46	0.40	0.35	0.31	0.27	0.24	0.21
7.82	8.10	8.39	8.63	8.86	9.07	9.31	9.52	9.70	9.90	10.09	10.29	10.54	10.77	10.97	11.18	11.40
495.66	499.50	505.19	509.08	513.22	516.80	519.92	521.13	520.52	520.48	519.48	516.06	515.76	513.90	510.91	508.23	505.81
1.07	1.07	1.08	1.09	1.10	1.11	1.12	1.12	1.12	1.12	1.12	1.11	1.11	1.11	1.10	1.10	1.09

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
3 313.92	3 356.93	3 411.15	3 443.96	3 471.73	3 501.08	3 543.72	3 572.00	3 586.77	3 597.68	3 613.18	3 632.83	3 664.04	3 680.79	3 687.59	3 695.22	3 712.28
1 397.64	1 378.94	1 387.24	1 397.23	1 411.08	1 399.71	1 385.45	1 385.62	1 372.56	1 360.38	1 393.40	1 409.05	1 409.25	1 400.79	1 394.98	1 383.56	1 388.03
576.98	580.58	585.22	585.81	585.00	583.83	585.17	584.36	581.73	578.25	575.41	573.90	573.79	571.38	567.57	563.84	561.31
<b>4 134.58</b>	<b>4 155.30</b>	<b>4 213.17</b>	<b>4 255.38</b>	<b>4 297.81</b>	<b>4 316.95</b>	<b>4 343.99</b>	<b>4 373.25</b>	<b>4 377.60</b>	<b>4 379.80</b>	<b>4 431.16</b>	<b>4 467.98</b>	<b>4 499.51</b>	<b>4 510.19</b>	<b>4 515.01</b>	<b>4 514.94</b>	<b>4 539.00</b>
1 174.55	1 195.43	1 212.73	1 218.87	1 207.72	1 226.12	1 240.55	1 249.65	1 252.34	1 251.68	1 252.48	1 258.37	1 268.81	1 273.50	1 270.20	1 271.13	1 272.32
1 477.58	1 503.65	1 535.36	1 558.16	1 578.21	1 601.72	1 628.41	1 648.91	1 663.68	1 676.94	1 692.04	1 707.45	1 729.13	1 744.49	1 755.26	1 766.71	1 782.38
192.44	155.05	125.22	121.12	116.32	112.07	107.96	104.25	100.09	95.90	92.19	88.68	85.07	81.23	77.34	73.45	69.95
144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83
940.05	942.92	973.48	984.85	1 017.78	995.07	979.92	979.05	966.69	957.63	993.80	1 008.91	1 007.08	997.64	995.61	983.83	990.73
205.13	213.42	221.54	227.54	232.96	237.15	242.33	246.57	249.97	252.82	255.84	259.74	264.60	268.51	271.77	274.99	278.79

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>5.31</b>	<b>5.20</b>	<b>5.12</b>	<b>5.04</b>	<b>4.96</b>	<b>4.89</b>	<b>4.81</b>	<b>4.73</b>	<b>4.66</b>	<b>4.58</b>	<b>4.51</b>	<b>4.43</b>	<b>4.35</b>	<b>4.28</b>	<b>4.20</b>	<b>4.13</b>	<b>4.05</b>
1.30	1.26	1.23	1.20	1.17	1.14	1.11	1.08	1.06	1.03	1.01	0.98	0.96	0.93	0.91	0.88	0.86
0.80	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.71	0.70	0.69	0.68	0.68	0.67	0.66	0.65
2.14	2.09	2.05	2.01	1.97	1.93	1.90	1.86	1.83	1.79	1.76	1.73	1.70	1.68	1.65	1.63	1.60
1.40	1.37	1.35	1.33	1.32	1.30	1.28	1.26	1.24	1.22	1.20	1.18	1.16	1.14	1.12	1.10	1.08





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>11.91</b>	<b>11.54</b>	<b>11.70</b>	<b>12.05</b>	<b>12.58</b>	<b>12.74</b>	<b>12.55</b>	<b>12.58</b>	<b>12.32</b>	<b>12.06</b>	<b>12.04</b>	<b>12.00</b>	<b>11.96</b>	<b>11.97</b>
Aviation Fuel	0.15	0.14	0.14	0.17	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.20	0.21	0.21
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
Diesel	4.24	3.94	3.71	3.94	4.25	4.24	4.18	4.21	4.20	4.18	4.17	4.16	4.16	4.16
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.16	0.20	0.24
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lubricants	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Motor Gasoline	7.47	7.41	7.83	7.92	8.12	8.29	8.17	8.16	7.90	7.66	7.53	7.45	7.37	7.31
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	25.65	24.65	25.24	26.06	26.29	26.63	26.35	26.38	26.07	25.77	25.79	25.80	25.79	25.85
Total Electric and Steam Energy Demand for Generation	0.76	0.69	0.40	0.57	0.37	1.01	1.01	1.24	2.17	2.19	2.21	2.45	2.55	2.79
Less Electricity and Steam Secondary Demand	3.45	3.53	3.64	3.57	3.82	3.78	3.83	3.84	3.88	3.90	3.95	3.99	4.00	4.02
<b>Total Primary Demand</b>	<b>22.96</b>	<b>21.81</b>	<b>22.00</b>	<b>23.06</b>	<b>22.83</b>	<b>23.86</b>	<b>23.54</b>	<b>23.78</b>	<b>24.36</b>	<b>24.07</b>	<b>24.05</b>	<b>24.26</b>	<b>24.34</b>	<b>24.62</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RPP	22.53	21.39	21.55	22.57	22.22	23.35	23.02	22.99	23.33	22.79	22.42	22.32	22.10	22.09
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.43	0.42	0.45	0.49	0.61	0.51	0.52	0.79	1.03	1.27	1.64	1.94	2.24	2.53

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>8.36</b>	<b>7.99</b>	<b>7.82</b>	<b>7.79</b>	<b>7.65</b>	<b>7.64</b>	<b>7.42</b>	<b>7.27</b>	<b>6.97</b>	<b>6.74</b>	<b>6.56</b>	<b>6.38</b>	<b>6.22</b>	<b>6.06</b>
Residential (PJ/Personal Income)	1.80	1.74	1.56	1.58	1.53	1.52	1.49	1.46	1.43	1.41	1.37	1.33	1.29	1.25
Commercial (PJ/GO)	1.24	1.21	1.25	1.31	1.29	1.24	1.20	1.16	1.13	1.10	1.07	1.05	1.02	1.00
Industrial (PJ/GO)	1.68	1.58	1.70	1.65	1.50	1.45	1.43	1.40	1.37	1.35	1.32	1.29	1.26	1.24
Transportation (PJ/GDP)	3.88	3.74	3.62	3.60	3.66	3.65	3.53	3.47	3.29	3.15	3.06	2.97	2.89	2.81

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>11.95</b>	<b>12.00</b>	<b>12.08</b>	<b>12.13</b>	<b>12.20</b>	<b>12.27</b>	<b>12.31</b>	<b>12.34</b>	<b>12.38</b>	<b>12.43</b>	<b>12.48</b>	<b>12.48</b>	<b>12.55</b>	<b>12.61</b>	<b>12.68</b>	<b>12.75</b>	<b>12.88</b>
0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.27	0.27	0.28
0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.09
4.17	4.20	4.23	4.25	4.27	4.30	4.33	4.35	4.37	4.40	4.44	4.47	4.52	4.56	4.60	4.64	4.69
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.28	0.32	0.36	0.39	0.43	0.46	0.48	0.50	0.53	0.55	0.56	0.58	0.60	0.61	0.62	0.64	0.65
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
7.24	7.22	7.22	7.22	7.23	7.23	7.21	7.19	7.18	7.17	7.16	7.11	7.11	7.11	7.12	7.13	7.14
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
25.86	26.05	26.25	26.38	26.53	26.66	26.78	26.87	26.96	27.06	27.20	27.24	27.40	27.53	27.64	27.78	27.98
2.89	3.12	3.34	3.54	3.73	3.89	4.04	4.19	4.34	4.49	4.64	4.79	4.94	5.09	5.24	5.39	5.54
4.02	4.05	4.07	4.08	4.08	4.08	4.08	4.08	4.08	4.07	4.08	4.07	4.08	4.08	4.08	4.07	4.07
<b>24.73</b>	<b>25.12</b>	<b>25.52</b>	<b>25.84</b>	<b>26.17</b>	<b>26.47</b>	<b>26.74</b>	<b>26.98</b>	<b>27.23</b>	<b>27.48</b>	<b>27.77</b>	<b>27.96</b>	<b>28.26</b>	<b>28.54</b>	<b>28.81</b>	<b>29.10</b>	<b>29.45</b>

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21.91	22.01	22.14	22.22	22.32	22.42	22.51	22.57	22.64	22.72	22.83	22.86	22.99	23.10	23.20	23.33	23.47
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.82	3.11	3.38	3.62	3.85	4.05	4.24	4.41	4.59	4.76	4.93	5.10	5.27	5.44	5.60	5.77	5.98

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>5.91</b>	<b>5.76</b>	<b>5.64</b>	<b>5.53</b>	<b>5.43</b>	<b>5.33</b>	<b>5.23</b>	<b>5.13</b>	<b>5.05</b>	<b>4.96</b>	<b>4.87</b>	<b>4.77</b>	<b>4.70</b>	<b>4.62</b>	<b>4.55</b>	<b>4.48</b>	<b>4.42</b>
1.22	1.18	1.15	1.12	1.08	1.05	1.02	1.00	0.97	0.94	0.91	0.89	0.86	0.83	0.81	0.78	0.76
0.98	0.96	0.95	0.94	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81
1.22	1.20	1.18	1.16	1.15	1.13	1.12	1.11	1.10	1.08	1.07	1.05	1.04	1.02	1.01	0.99	0.98
2.73	2.66	2.59	2.54	2.50	2.45	2.40	2.36	2.32	2.28	2.23	2.19	2.15	2.12	2.09	2.06	2.04

Table A2.26: Demand, Triple E, Quebec

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	18.74	18.32	17.71	17.06	16.24	14.60	17.41	18.43	18.88	19.22	19.57	19.20	19.16	19.38
Natural Gas	9.71	9.81	9.49	9.37	9.64	10.53	11.51	12.39	15.19	15.06	15.72	14.73	13.81	12.95
Light Fuel Oil	14.95	14.45	13.37	15.55	15.57	19.10	20.13	19.31	19.12	18.96	20.00	18.89	17.84	16.88
<b>Commercial</b>														
Electricity	20.07	19.53	18.89	18.09	17.26	15.69	19.35	20.67	21.21	21.62	22.05	21.58	21.52	21.81
Natural Gas	7.20	7.18	6.53	6.67	6.87	7.95	9.12	10.10	12.92	12.81	13.49	12.52	11.62	10.79
Light Fuel Oil	14.95	14.45	13.37	15.55	15.82	19.33	20.35	19.52	19.32	19.16	20.20	19.09	18.04	17.07
<b>Industrial</b>														
Electricity	10.83	11.01	10.53	10.78	9.76	8.77	10.27	10.83	11.08	11.27	11.47	11.27	11.25	11.37
Natural Gas	4.61	4.69	5.23	5.21	5.33	6.52	7.80	8.83	11.66	11.57	12.25	11.30	10.41	9.59
Heavy Fuel Oil	10.42	10.07	9.32	10.84	11.03	14.87	16.22	15.55	15.40	15.27	16.35	15.27	14.26	13.34
<b>Transportation</b>														
Gasoline	29.74	30.31	30.29	30.29	30.29	32.80	32.81	31.47	31.16	30.90	31.75	30.52	29.35	28.25
Diesel	26.43	26.45	24.94	25.23	25.23	28.09	28.45	27.29	27.02	26.80	27.72	26.53	25.40	24.35

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>1 816.25</b>	<b>1 776.34</b>	<b>1 886.57</b>	<b>1 973.63</b>	<b>1 969.36</b>	<b>1 995.76</b>	<b>1 999.50</b>	<b>1 998.01</b>	<b>1 973.23</b>	<b>1 980.70</b>	<b>1 983.97</b>	<b>1 990.77</b>	<b>1 987.18</b>	<b>1 993.17</b>
RPP <sup>1,2</sup>	752.43	762.26	800.17	856.59	861.11	870.49	871.26	870.41	854.63	850.96	844.79	843.10	841.26	843.57
Electric	630.44	635.48	661.26	695.88	690.09	706.28	714.04	716.85	715.81	727.39	735.54	744.16	743.75	746.48
Natural Gas	239.67	200.21	224.37	217.35	220.74	220.53	216.38	210.56	202.73	198.55	193.22	188.91	184.37	181.41
Biofuels & Emerging Energy <sup>3</sup>	161.43	148.07	167.41	170.61	167.64	167.43	166.76	169.67	169.22	171.78	178.05	182.38	186.15	190.25
Other <sup>4</sup>	32.29	30.33	33.36	33.21	29.78	31.03	31.08	30.53	30.84	32.02	32.36	32.21	31.64	31.46
<b>Residential Sector</b>	<b>327.49</b>	<b>309.54</b>	<b>323.32</b>	<b>348.27</b>	<b>354.04</b>	<b>352.22</b>	<b>357.94</b>	<b>365.00</b>	<b>363.22</b>	<b>362.94</b>	<b>363.01</b>	<b>365.73</b>	<b>366.45</b>	<b>366.64</b>
Biomass	60.27	55.95	59.97	64.06	66.25	65.79	67.08	68.44	68.46	68.78	69.21	70.05	70.48	70.77
Electricity	186.45	183.31	191.71	206.57	209.39	209.96	214.53	218.40	217.76	217.88	218.21	220.11	220.71	220.80
Natural Gas	28.25	23.65	26.12	28.15	27.56	27.20	27.45	27.61	27.07	26.76	26.42	26.24	25.98	25.75
RPP	52.52	46.63	45.52	49.50	50.84	49.27	48.88	48.57	47.45	46.73	45.98	45.53	44.95	44.44
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.99	2.48	2.78	3.19	3.79	4.33	4.88
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Commercial Sector</b>	<b>226.69</b>	<b>227.25</b>	<b>246.67</b>	<b>270.78</b>	<b>260.10</b>	<b>271.01</b>	<b>271.28</b>	<b>271.48</b>	<b>266.11</b>	<b>265.27</b>	<b>263.22</b>	<b>262.77</b>	<b>261.32</b>	<b>261.35</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	118.16	117.87	122.63	125.08	128.37	133.51	134.69	135.08	133.74	134.02	133.94	134.46	134.31	134.45
Natural Gas	75.07	69.95	76.84	79.92	77.91	80.84	80.02	78.53	74.85	73.10	70.84	68.23	67.59	66.79
RPP	33.47	39.43	47.21	65.78	53.81	56.67	56.57	56.49	55.80	56.12	56.06	56.33	56.32	56.68
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.72	2.03	2.38	2.75	3.10	3.43
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Industrial Sector</b>	<b>794.58</b>	<b>775.49</b>	<b>817.68</b>	<b>839.95</b>	<b>829.63</b>	<b>842.12</b>	<b>839.08</b>	<b>829.65</b>	<b>822.91</b>	<b>837.31</b>	<b>845.49</b>	<b>850.91</b>	<b>849.53</b>	<b>854.99</b>
Biomass	101.16	92.12	107.44	106.55	101.39	101.63	99.67	97.86	96.56	98.18	99.68	100.71	101.82	103.39
Coal, Coke & Coke Oven Gas	27.59	25.70	26.99	27.18	24.89	26.15	26.32	25.93	26.38	27.62	28.08	28.04	27.63	27.60
Electricity	324.75	333.22	345.91	363.19	351.28	361.80	363.84	362.40	363.40	374.62	382.54	388.75	387.92	390.43
Natural Gas	136.32	106.57	121.37	109.23	115.22	112.45	108.87	104.39	100.78	98.66	95.94	93.43	90.79	88.86
LPG & Petroleum Feedstocks	22.58	27.46	30.24	31.42	35.01	35.09	35.93	36.51	36.36	37.15	37.83	38.40	39.01	39.94
RPP	95.63	95.72	87.27	103.64	102.34	106.75	105.12	102.91	101.63	102.03	101.76	101.34	101.06	101.64
Still Gas & Petroleum Coke	81.84	90.06	92.10	92.71	94.60	93.36	94.57	95.05	93.35	94.64	95.38	96.06	97.30	99.26
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	4.69	4.63	6.37	6.02	4.89	4.89	4.75	4.60	4.45	4.40	4.28	4.17	4.01	3.86

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
19.43	19.58	19.77	20.02	20.31	20.69	21.00	21.31	21.88	22.50	23.19	23.95	24.70	25.49	26.35	27.36	28.42
12.17	11.99	11.35	10.77	10.24	9.76	9.85	9.82	9.80	9.77	9.74	10.24	10.21	10.18	10.16	10.13	10.10
15.99	16.00	15.28	14.62	14.01	13.47	13.80	13.75	13.71	13.68	13.64	14.41	14.37	14.33	14.30	14.26	14.22
21.88	22.09	22.33	22.65	23.02	23.51	23.92	24.31	25.04	25.83	26.71	27.68	28.64	29.64	30.74	32.03	33.39
10.03	9.87	9.25	8.69	8.17	7.70	7.81	7.79	7.76	7.74	7.72	8.23	8.21	8.19	8.17	8.15	8.13
16.18	16.19	15.47	14.80	14.20	13.66	13.98	13.94	13.90	13.86	13.82	14.59	14.55	14.51	14.48	14.44	14.40
11.40	11.49	11.60	11.74	11.91	12.12	12.30	12.48	12.80	13.16	13.55	13.98	14.41	14.86	15.36	15.93	16.54
8.85	8.70	8.09	7.53	7.02	6.56	6.67	6.66	6.64	6.62	6.61	7.12	7.10	7.08	7.07	7.05	7.03
12.49	12.53	11.84	11.20	10.63	10.11	10.44	10.41	10.39	10.36	10.33	11.12	11.09	11.06	11.04	11.01	10.99
27.24	27.08	26.27	25.52	24.83	24.23	24.44	24.36	24.28	24.21	24.13	24.80	24.73	24.65	24.58	24.50	24.43
23.38	23.29	22.51	21.79	21.13	20.55	20.81	20.74	20.68	20.62	20.55	21.27	21.21	21.14	21.08	21.02	20.96
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>1 996.88</b>	<b>2 015.77</b>	<b>2 041.82</b>	<b>2 053.07</b>	<b>2 056.64</b>	<b>2 063.18</b>	<b>2 081.65</b>	<b>2 094.28</b>	<b>2 099.23</b>	<b>2 096.54</b>	<b>2 096.52</b>	<b>2 102.34</b>	<b>2 117.89</b>	<b>2 123.52</b>	<b>2 120.18</b>	<b>2 118.02</b>	<b>2 127.84</b>
844.26	850.81	861.88	868.48	874.38	881.73	891.15	898.27	903.15	906.11	910.13	914.43	922.98	929.05	933.03	937.86	945.92
748.83	756.70	765.74	767.47	763.50	760.01	763.67	765.51	763.63	757.49	752.16	751.13	753.72	750.99	743.11	735.35	732.42
178.98	178.64	179.54	179.97	180.67	182.34	185.15	187.16	188.64	189.80	191.52	193.40	196.12	198.16	199.70	201.50	204.19
193.46	198.29	203.22	205.92	207.31	208.56	211.07	212.79	213.58	213.37	213.22	213.93	215.70	216.28	215.82	215.38	217.72
31.35	31.33	31.44	31.23	30.79	30.54	30.61	30.53	30.23	29.79	29.50	29.45	29.37	29.04	28.52	27.93	27.59
<b>365.12</b>	<b>365.99</b>	<b>367.93</b>	<b>367.37</b>	<b>365.79</b>	<b>363.60</b>	<b>361.87</b>	<b>360.03</b>	<b>357.56</b>	<b>354.35</b>	<b>350.83</b>	<b>347.27</b>	<b>345.87</b>	<b>343.82</b>	<b>341.24</b>	<b>339.00</b>	<b>337.67</b>
70.68	71.07	71.63	71.69	71.52	71.22	71.01	70.78	70.44	69.98	69.46	68.98	68.96	68.83	68.60	68.47	68.56
219.74	220.09	220.92	220.18	218.70	216.74	215.06	213.37	211.28	208.73	205.96	203.19	201.48	199.37	196.93	194.58	192.60
25.47	25.39	25.45	25.40	25.35	25.31	25.32	25.31	25.27	25.19	25.11	25.00	25.12	25.21	25.27	25.39	25.64
43.85	43.59	43.57	43.35	43.11	42.91	42.75	42.59	42.39	42.12	41.86	41.56	41.63	41.64	41.62	41.69	41.96
5.37	5.85	6.35	6.75	7.10	7.42	7.73	7.98	8.18	8.33	8.44	8.53	8.67	8.77	8.82	8.86	8.91
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>260.97</b>	<b>262.49</b>	<b>264.62</b>	<b>266.02</b>	<b>267.70</b>	<b>269.51</b>	<b>272.15</b>	<b>273.80</b>	<b>274.99</b>	<b>275.84</b>	<b>277.22</b>	<b>278.42</b>	<b>280.14</b>	<b>281.18</b>	<b>281.86</b>	<b>282.80</b>	<b>284.24</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.08	134.48	134.89	134.66	134.25	133.63	133.39	132.76	131.87	130.75	129.74	128.81	127.98	126.83	125.48	124.14	122.90
66.19	66.29	66.84	67.50	68.53	69.88	71.50	72.82	74.02	75.21	76.67	77.93	79.46	80.79	82.05	83.46	85.11
56.96	57.66	58.53	59.24	60.05	60.92	61.95	62.73	63.45	64.11	64.93	65.69	66.63	67.43	68.16	69.00	70.01
3.74	4.06	4.36	4.62	4.87	5.08	5.31	5.49	5.64	5.77	5.88	5.98	6.07	6.13	6.17	6.20	6.22
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>861.02</b>	<b>874.97</b>	<b>892.23</b>	<b>900.03</b>	<b>901.16</b>	<b>905.05</b>	<b>919.49</b>	<b>930.08</b>	<b>935.13</b>	<b>934.63</b>	<b>936.52</b>	<b>945.07</b>	<b>957.87</b>	<b>963.12</b>	<b>961.11</b>	<b>959.05</b>	<b>964.14</b>
104.69	107.16	109.56	110.56	110.63	110.82	112.22	113.07	113.27	112.79	112.54	113.18	114.26	114.43	113.81	113.15	113.10
27.62	27.68	27.85	27.71	27.35	27.16	27.24	27.19	26.93	26.54	26.28	26.25	26.17	25.86	25.38	24.82	24.49
394.23	401.36	409.16	411.86	409.78	408.88	414.46	418.64	419.73	417.26	415.72	418.39	423.52	424.06	419.96	415.89	416.17
87.31	86.95	87.24	87.06	86.78	87.14	88.33	89.03	89.35	89.39	89.74	90.46	91.54	92.16	92.38	92.65	93.44
40.58	41.48	42.72	43.58	44.32	45.10	46.11	46.93	47.65	48.24	48.95	49.84	50.89	51.78	52.49	53.16	53.97
102.24	104.01	106.05	107.30	108.29	109.76	112.20	114.08	115.23	116.01	117.14	118.66	120.77	122.18	123.03	124.15	126.21
100.62	102.67	106.05	108.45	110.58	112.80	115.57	117.80	119.68	121.15	122.94	125.08	127.53	129.48	130.91	132.12	133.66
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.73	3.65	3.59	3.52	3.44	3.38	3.36	3.33	3.30	3.25	3.22	3.20	3.19	3.17	3.14	3.11	3.09

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Transportation	467.49	464.07	498.90	514.63	525.59	530.40	531.20	531.88	520.98	515.19	512.25	511.36	509.88	510.18
Aviation Fuel	26.71	29.05	53.27	48.27	47.16	47.82	48.49	49.17	49.86	50.55	51.26	51.98	52.71	53.44
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.22	0.28	0.34
Diesel	144.55	132.90	134.39	146.47	154.93	161.33	163.10	164.17	161.63	161.62	160.98	160.85	160.45	160.84
Electric	1.08	1.07	1.02	1.04	1.05	1.01	0.98	0.96	0.92	0.88	0.85	0.83	0.81	0.80
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.43	4.85	6.15	7.43
Heavy Fuel Oil	13.09	15.84	16.28	16.32	16.86	17.07	17.28	17.50	17.72	17.94	18.16	18.39	18.62	18.85
LPG	0.57	0.87	0.54	0.46	0.61	0.59	0.56	0.54	0.51	0.49	0.47	0.45	0.43	0.42
Lubricants	1.98	1.81	1.72	2.00	2.02	2.06	2.13	2.19	2.22	2.27	2.32	2.39	2.45	2.51
Motor Gasoline	279.48	282.48	291.64	300.02	302.93	300.49	298.62	297.31	288.09	281.41	274.59	271.38	267.97	265.53
Natural Gas	0.03	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.01	0.01

Section 3: Primary Demand (petajoules)	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Secondary Demand	1 816.25	1 776.34	1 886.56	1 973.63	1 969.36	1 995.76	1 999.50	1 998.01	1 973.23	1 980.70	1 983.97	1 990.77	1 987.18	1 993.17
Total Electric and Steam Energy Demand for Generation	695.50	661.47	684.37	689.43	685.34	749.60	771.04	787.01	818.48	827.96	805.25	854.89	879.03	883.68
Less Electricity and Steam Secondary Demand	635.13	640.10	667.63	701.91	694.97	711.16	718.79	721.44	720.27	731.79	739.83	748.34	747.76	750.35
<b>Total Primary Demand</b>	<b>1 876.62</b>	<b>1 797.71</b>	<b>1 903.31</b>	<b>1 961.16</b>	<b>1 959.72</b>	<b>2 034.20</b>	<b>2 051.76</b>	<b>2 063.58</b>	<b>2 071.44</b>	<b>2 076.86</b>	<b>2 049.39</b>	<b>2 097.32</b>	<b>2 118.45</b>	<b>2 126.50</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	247.51	206.36	232.20	223.19	225.25	226.35	241.71	235.96	228.13	223.95	218.62	214.32	209.78	206.81
RPP	757.67	768.98	807.20	882.30	882.36	937.15	937.81	937.07	921.29	903.98	893.28	890.76	888.18	888.73
Coal, Coke and Coke Oven Gas	27.59	25.70	26.99	27.18	24.89	26.15	26.32	25.93	26.38	27.62	28.08	28.04	27.63	27.60
Hydro	625.12	593.34	616.35	616.14	602.34	628.98	631.04	642.91	651.07	683.05	702.64	704.24	709.13	709.99
Nuclear	56.68	54.58	52.54	41.12	56.57	40.50	40.50	39.99	57.75	43.31	0.00	43.31	57.75	57.75
Biofuels & Emerging Energy	162.06	148.75	168.03	171.22	168.31	175.07	174.38	181.72	186.82	194.94	206.76	216.64	225.97	235.62

Section 4: Ratios	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>8.35</b>	<b>8.01</b>	<b>8.17</b>	<b>8.49</b>	<b>8.20</b>	<b>8.08</b>	<b>7.87</b>	<b>7.70</b>	<b>7.49</b>	<b>7.31</b>	<b>7.14</b>	<b>6.97</b>	<b>6.82</b>	<b>6.68</b>
Residential (PJ/Personal Income)	1.81	1.68	1.75	1.86	1.85	1.80	1.78	1.75	1.72	1.70	1.67	1.63	1.60	1.56
Commercial (PJ/GO)	1.00	0.98	1.02	1.11	1.02	1.03	1.01	0.98	0.96	0.93	0.90	0.88	0.86	0.84
Industrial (PJ/GO)	4.52	4.36	4.45	4.65	4.46	4.33	4.17	4.02	3.87	3.75	3.63	3.53	3.42	3.34
Transportation (PJ/GDP)	2.15	2.09	2.16	2.21	2.19	2.15	2.09	2.05	1.98	1.90	1.84	1.79	1.75	1.71

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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<b>509.77</b>	<b>512.32</b>	<b>517.04</b>	<b>519.64</b>	<b>522.00</b>	<b>525.03</b>	<b>528.14</b>	<b>530.38</b>	<b>531.55</b>	<b>531.72</b>	<b>531.95</b>	<b>531.59</b>	<b>534.01</b>	<b>535.40</b>	<b>535.97</b>	<b>537.17</b>	<b>541.79</b>
54.19	54.95	55.72	56.50	57.29	58.09	58.91	59.73	60.57	61.42	62.28	63.15	64.03	64.93	65.84	66.76	67.69
0.39	0.45	0.50	0.55	0.59	0.64	0.68	0.72	0.75	0.78	0.81	0.83	0.86	0.89	0.90	0.92	2.86
160.98	162.43	164.26	165.25	166.13	167.31	168.94	170.04	170.66	170.96	171.44	171.94	173.11	173.81	174.18	174.79	175.99
0.78	0.77	0.77	0.76	0.76	0.76	0.75	0.75	0.75	0.74	0.74	0.73	0.73	0.74	0.74	0.74	0.74
8.58	9.69	10.81	11.75	12.61	13.39	14.13	14.75	15.29	15.73	16.10	16.43	16.88	17.23	17.51	17.78	18.07
19.09	19.33	19.57	19.81	20.06	20.31	20.57	20.82	21.08	21.35	21.61	21.88	22.16	22.43	22.71	23.00	23.29
0.41	0.40	0.40	0.39	0.39	0.39	0.39	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37
2.56	2.63	2.71	2.77	2.83	2.88	2.95	3.00	3.06	3.10	3.15	3.20	3.28	3.34	3.40	3.46	3.54
262.76	261.65	262.29	261.84	261.33	261.24	260.82	260.16	259.01	257.27	255.45	253.05	252.59	251.66	250.31	249.35	249.23
0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1	996.88	2 015.77	2 041.82	2 053.07	2 056.64	2 063.18	2 081.65	2 094.28	2 099.23	2 096.54	2 096.52	2 102.34	2 117.89	2 123.52	2 120.17	2 118.02	2 127.84
	889.74	897.49	905.48	917.19	923.60	929.16	934.71	940.14	945.24	949.75	955.06	960.61	966.34	972.19	978.08	984.17	990.57
	752.56	760.35	769.34	770.99	766.94	763.39	767.03	768.85	766.93	760.74	755.38	754.32	756.91	754.17	746.25	738.46	735.51
	<b>2 134.05</b>	<b>2 152.91</b>	<b>2 177.97</b>	<b>2 199.27</b>	<b>2 213.31</b>	<b>2 228.95</b>	<b>2 249.33</b>	<b>2 265.57</b>	<b>2 277.54</b>	<b>2 285.56</b>	<b>2 296.20</b>	<b>2 308.62</b>	<b>2 327.31</b>	<b>2 341.54</b>	<b>2 352.01</b>	<b>2 363.73</b>	<b>2 382.90</b>
	204.39	204.05	204.94	205.37	206.07	207.75	210.56	212.57	214.04	215.20	216.92	218.80	221.52	223.57	225.10	226.90	229.60
	889.46	894.96	906.03	912.64	918.54	925.88	935.30	942.30	946.73	948.64	952.41	956.71	965.26	971.28	975.09	979.77	987.83
	27.62	27.68	27.85	27.71	27.35	27.16	27.24	27.19	26.93	26.54	26.28	26.25	26.17	25.86	25.38	24.82	24.49
	710.46	713.70	716.14	722.29	723.15	723.15	723.15	723.15	723.15	723.15	723.15	723.15	723.15	723.15	723.15	723.15	723.15
	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75
	244.39	254.77	265.26	273.51	280.46	287.27	295.33	302.61	308.95	314.29	319.70	325.96	333.46	339.93	345.54	351.33	360.08

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	<b>6.56</b>	<b>6.44</b>	<b>6.34</b>	<b>6.24</b>	<b>6.14</b>	<b>6.04</b>	<b>5.94</b>	<b>5.86</b>	<b>5.78</b>	<b>5.69</b>	<b>5.59</b>	<b>5.50</b>	<b>5.42</b>	<b>5.33</b>	<b>5.25</b>	<b>5.16</b>	<b>5.09</b>
	1.52	1.49	1.45	1.42	1.39	1.35	1.32	1.29	1.26	1.23	1.20	1.17	1.14	1.11	1.08	1.05	1.02
	0.83	0.81	0.80	0.78	0.77	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.71	0.70	0.69	0.68	0.67
	3.27	3.21	3.15	3.10	3.03	2.98	2.93	2.88	2.84	2.79	2.75	2.70	2.67	2.63	2.58	2.55	2.52
	1.67	1.64	1.61	1.58	1.56	1.54	1.51	1.48	1.46	1.44	1.42	1.39	1.37	1.34	1.33	1.31	1.30





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>121.69</b>	<b>114.58</b>	<b>116.95</b>	<b>123.48</b>	<b>125.98</b>	<b>124.52</b>	<b>124.74</b>	<b>127.35</b>	<b>124.01</b>	<b>122.52</b>	<b>120.35</b>	<b>118.91</b>	<b>117.10</b>	<b>115.95</b>
Aviation Fuel	2.33	2.60	2.57	2.23	2.03	2.04	2.05	2.06	2.07	2.08	2.08	2.09	2.10	2.11
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.41	0.41	0.40	0.40	0.39	0.38
Diesel	59.47	52.16	54.25	58.61	61.69	61.62	62.45	62.78	61.49	61.28	60.69	60.08	59.22	58.78
Electric	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	3.04	3.01	2.97	2.92	2.87	2.85
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.41	0.49	0.28	0.20	0.24	0.23	0.21	0.20	0.18	0.16	0.15	0.13	0.12	0.10
Lubricants	0.94	0.88	0.85	0.81	0.79	0.81	0.84	0.86	0.86	0.87	0.88	0.90	0.90	0.91
Motor Gasoline	58.51	58.41	58.96	61.59	61.18	59.77	59.15	57.90	55.92	54.67	53.13	52.36	51.47	50.79
Natural Gas	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.02

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	436.60	413.16	431.71	441.30	442.21	453.67	457.57	457.55	443.40	438.18	430.36	421.81	410.85	403.01
Total Electric and Steam Energy Demand for Generation	174.61	183.90	183.37	205.21	206.67	184.99	186.74	187.14	182.55	185.58	161.95	157.16	138.12	133.50
Less Electricity and Steam Secondary Demand	58.15	57.58	58.04	60.30	59.77	62.15	63.52	63.86	62.67	62.48	61.97	61.14	59.45	58.30
<b>Total Primary Demand</b>	<b>553.06</b>	<b>539.48</b>	<b>557.04</b>	<b>586.21</b>	<b>589.11</b>	<b>576.52</b>	<b>580.80</b>	<b>580.84</b>	<b>563.27</b>	<b>561.28</b>	<b>530.34</b>	<b>517.84</b>	<b>489.51</b>	<b>478.20</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	241.25	224.28	237.25	245.50	245.54	243.09	245.14	241.13	230.06	227.62	218.48	211.64	204.06	198.37
RPP	147.14	142.33	147.87	166.23	162.81	163.77	164.98	165.04	161.87	160.92	159.03	157.61	155.57	154.22
Coal, Coke and Coke Oven Gas	143.38	151.48	148.21	147.82	155.72	140.88	142.01	141.69	137.86	138.35	117.63	112.66	92.92	87.91
Hydro	10.96	8.60	10.20	12.29	9.88	11.48	11.48	11.48	11.48	11.48	11.48	11.48	11.89	11.89
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	10.33	12.78	13.51	14.37	15.16	17.29	17.19	21.50	22.00	22.90	23.70	24.45	25.08	25.80

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>13.99</b>	<b>13.44</b>	<b>14.30</b>	<b>14.21</b>	<b>13.80</b>	<b>13.80</b>	<b>13.49</b>	<b>13.17</b>	<b>12.74</b>	<b>12.37</b>	<b>11.98</b>	<b>11.63</b>	<b>11.30</b>	<b>11.00</b>
Residential (PJ/Personal Income)	2.30	2.29	2.38	2.14	2.01	2.18	2.13	2.08	2.04	1.99	1.95	1.89	1.84	1.79
Commercial (PJ/GO)	3.20	2.61	3.05	2.67	2.46	2.52	2.48	2.43	2.32	2.25	2.17	2.08	1.98	1.91
Industrial (PJ/GO)	6.35	6.80	7.07	7.98	7.70	7.49	7.33	7.07	6.78	6.56	6.32	6.08	5.87	5.65
Transportation (PJ/GDP)	3.90	3.73	3.88	3.98	3.93	3.79	3.68	3.67	3.56	3.46	3.35	3.28	3.22	3.16

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>114.69</b>	<b>113.54</b>	<b>113.09</b>	<b>112.27</b>	<b>111.63</b>	<b>111.20</b>	<b>110.72</b>	<b>110.35</b>	<b>109.79</b>	<b>109.06</b>	<b>108.62</b>	<b>107.95</b>	<b>107.94</b>	<b>107.71</b>	<b>107.28</b>	<b>106.93</b>	<b>106.74</b>
2.12	2.13	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26
0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.36	0.36	0.36	0.36	0.36	0.37
58.23	57.76	57.60	57.36	57.13	57.05	57.10	57.11	57.05	56.98	57.03	57.05	57.34	57.51	57.55	57.64	57.81
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2.85	2.86	2.88	2.86	2.81	2.74	2.63	2.54	2.46	2.37	2.31	2.26	2.27	2.31	2.41	2.58	2.83
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.09	0.08	0.07	0.07	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.01
0.92	0.93	0.94	0.95	0.96	0.96	0.97	0.98	0.99	1.00	1.01	1.02	1.03	1.04	1.05	1.07	1.08
50.08	49.38	49.05	48.49	48.11	47.83	47.39	47.08	46.66	46.09	45.65	45.00	44.68	44.21	43.63	43.00	42.36
0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
394.36	387.22	378.83	370.56	362.17	355.12	348.92	344.23	338.29	333.63	330.17	326.75	325.03	322.51	319.44	316.62	314.66
127.14	110.56	106.48	102.29	97.86	92.48	88.41	86.49	83.97	81.60	79.38	77.38	75.84	74.06	72.03	69.91	68.13
56.97	55.57	54.49	53.23	51.86	50.58	49.49	48.67	47.52	46.52	45.65	44.85	44.21	43.41	42.53	41.69	40.94
<b>464.53</b>	<b>442.21</b>	<b>430.82</b>	<b>419.63</b>	<b>408.18</b>	<b>397.02</b>	<b>387.84</b>	<b>382.06</b>	<b>374.75</b>	<b>368.70</b>	<b>363.90</b>	<b>359.29</b>	<b>356.66</b>	<b>353.16</b>	<b>348.93</b>	<b>344.84</b>	<b>341.85</b>

192.65	209.03	202.79	197.30	191.83	187.21	182.24	178.70	173.66	170.26	167.60	164.96	163.16	160.99	158.49	155.53	154.47
152.39	150.53	149.32	147.66	146.24	145.09	144.05	143.07	141.90	140.57	139.62	138.54	138.18	137.54	136.62	135.74	135.04
81.11	43.43	38.68	34.14	29.35	23.78	20.33	18.85	17.65	16.36	15.14	14.09	13.28	12.38	11.43	10.94	9.29
11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26.49	27.33	28.14	28.62	28.86	29.05	29.32	29.54	29.64	29.61	29.64	29.81	30.14	30.36	30.50	30.73	31.16

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>10.71</b>	<b>10.40</b>	<b>10.07</b>	<b>9.77</b>	<b>9.49</b>	<b>9.24</b>	<b>8.98</b>	<b>8.77</b>	<b>8.56</b>	<b>8.38</b>	<b>8.21</b>	<b>8.04</b>	<b>7.89</b>	<b>7.74</b>	<b>7.60</b>	<b>7.46</b>	<b>7.33</b>
1.74	1.70	1.65	1.61	1.58	1.54	1.50	1.47	1.43	1.40	1.37	1.34	1.30	1.26	1.23	1.20	1.16
1.85	1.79	1.72	1.67	1.62	1.57	1.52	1.49	1.45	1.43	1.41	1.39	1.37	1.35	1.34	1.32	1.30
5.44	5.24	4.98	4.75	4.53	4.33	4.14	3.98	3.84	3.72	3.60	3.49	3.39	3.29	3.20	3.12	3.04
3.11	3.05	3.00	2.96	2.92	2.89	2.85	2.81	2.78	2.74	2.70	2.66	2.62	2.58	2.55	2.52	2.49





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>3.45</b>	<b>3.56</b>	<b>3.63</b>	<b>3.73</b>	<b>3.79</b>	<b>3.80</b>	<b>3.91</b>	<b>3.98</b>	<b>4.17</b>	<b>4.22</b>	<b>4.21</b>	<b>4.13</b>	<b>3.88</b>	<b>3.88</b>
Aviation Fuel	0.43	0.28	0.27	0.37	0.39	0.40	0.40	0.41	0.42	0.42	0.43	0.44	0.45	0.45
Biodiesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01
Diesel	1.46	1.68	1.78	1.75	2.05	2.11	2.18	2.23	2.40	2.46	2.44	2.38	2.15	2.16
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.04	0.04
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.01	0.02	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Lubricants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Gasoline	1.56	1.58	1.54	1.56	1.31	1.25	1.28	1.29	1.30	1.29	1.25	1.23	1.19	1.17
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	7.10	6.83	6.94	7.14	6.77	6.83	6.94	7.06	7.30	7.36	7.32	7.19	6.89	6.86
Total Electric and Steam Energy Demand for Generation	1.18	1.15	1.22	1.17	1.21	1.64	1.68	1.72	1.75	1.74	1.69	1.68	1.65	1.63
Less Electricity and Steam Secondary Demand	0.99	0.99	1.00	1.03	1.07	1.08	1.10	1.12	1.13	1.13	1.11	1.10	1.09	1.08
<b>Total Primary Demand</b>	<b>7.29</b>	<b>6.99</b>	<b>7.16</b>	<b>7.28</b>	<b>6.92</b>	<b>7.38</b>	<b>7.52</b>	<b>7.66</b>	<b>7.92</b>	<b>7.97</b>	<b>7.90</b>	<b>7.77</b>	<b>7.45</b>	<b>7.42</b>

<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	1.24	0.82	0.77	0.46	0.18	0.23	0.19	0.18	0.17	0.17	0.15	0.13	0.10	0.08
RPP	5.04	5.15	5.33	5.70	5.53	6.16	6.33	6.46	6.71	6.75	6.65	6.54	6.22	6.21
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	0.94	0.95	0.99	1.03	1.10	0.90	0.91	0.91	0.91	0.90	0.87	0.87	0.87	0.86
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.06	0.07	0.07	0.10	0.11	0.09	0.10	0.11	0.12	0.16	0.22	0.23	0.25	0.26

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>3.87</b>	<b>3.32</b>	<b>3.26</b>	<b>2.98</b>	<b>2.68</b>	<b>2.65</b>	<b>2.60</b>	<b>2.57</b>	<b>2.53</b>	<b>2.46</b>	<b>2.40</b>	<b>2.34</b>	<b>2.20</b>	<b>2.14</b>
Residential (PJ/Personal Income)	0.74	0.64	0.67	0.80	0.91	0.77	0.76	0.74	0.72	0.71	0.69	0.68	0.67	0.66
Commercial (PJ/GO)	0.78	0.72	0.66	0.71	0.58	0.64	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.58
Industrial (PJ/GO)	3.26	2.10	2.08	1.70	0.90	0.99	0.84	0.79	0.65	0.58	0.53	0.50	0.53	0.48
Transportation (PJ/GDP)	1.88	1.73	1.71	1.56	1.50	1.48	1.46	1.45	1.45	1.41	1.38	1.34	1.24	1.21

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



## National Energy Board

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>3.87</b>	<b>3.87</b>	<b>3.89</b>	<b>3.90</b>	<b>3.91</b>	<b>4.00</b>	<b>4.22</b>	<b>4.30</b>	<b>4.19</b>	<b>4.11</b>	<b>4.14</b>	<b>4.14</b>	<b>4.14</b>	<b>4.16</b>	<b>4.17</b>	<b>4.20</b>	<b>4.28</b>
0.46	0.47	0.47	0.48	0.49	0.50	0.51	0.51	0.52	0.53	0.54	0.55	0.56	0.56	0.57	0.58	0.59
0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.07
2.16	2.15	2.17	2.18	2.18	2.26	2.44	2.50	2.39	2.32	2.34	2.34	2.34	2.34	2.35	2.37	2.40
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.06	0.07	0.07	0.07	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.14	1.13	1.13	1.12	1.10	1.10	1.12	1.12	1.12	1.10	1.10	1.09	1.08	1.08	1.08	1.07	1.07
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
6.83	6.82	6.87	6.89	6.91	7.02	7.30	7.42	7.35	7.27	7.32	7.33	7.37	7.41	7.45	7.50	7.60
1.59	1.59	1.61	1.61	1.60	1.61	1.66	1.68	1.69	1.69	1.70	1.70	1.72	1.73	1.74	1.75	1.75
1.06	1.06	1.07	1.07	1.07	1.08	1.09	1.10	1.11	1.11	1.11	1.11	1.12	1.13	1.13	1.13	1.14
<b>7.36</b>	<b>7.36</b>	<b>7.41</b>	<b>7.44</b>	<b>7.44</b>	<b>7.56</b>	<b>7.87</b>	<b>7.99</b>	<b>7.93</b>	<b>7.85</b>	<b>7.90</b>	<b>7.93</b>	<b>7.97</b>	<b>8.02</b>	<b>8.06</b>	<b>8.11</b>	<b>8.21</b>

0.06	0.05	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01
6.16	6.17	6.21	6.24	6.25	6.36	6.64	6.75	6.67	6.59	6.63	6.64	6.68	6.72	6.75	6.80	6.85
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.85	0.85	0.86	0.86	0.85	0.85	0.87	0.88	0.88	0.88	0.88	0.89	0.89	0.89	0.90	0.90	0.90
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.27	0.28	0.29	0.30	0.31	0.32	0.34	0.35	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.44

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>2.10</b>	<b>2.06</b>	<b>2.02</b>	<b>1.98</b>	<b>1.96</b>	<b>1.94</b>	<b>1.93</b>	<b>1.91</b>	<b>1.85</b>	<b>1.81</b>	<b>1.78</b>	<b>1.75</b>	<b>1.72</b>	<b>1.69</b>	<b>1.66</b>	<b>1.64</b>	<b>1.63</b>
0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.53	0.52	0.50	0.49	0.48
0.57	0.57	0.56	0.56	0.56	0.55	0.55	0.55	0.55	0.55	0.54	0.54	0.54	0.53	0.53	0.53	0.53
0.44	0.40	0.38	0.36	0.34	0.31	0.28	0.26	0.28	0.29	0.29	0.29	0.29	0.29	0.28	0.28	0.28
1.19	1.16	1.14	1.12	1.11	1.11	1.12	1.11	1.06	1.02	1.01	0.99	0.97	0.95	0.93	0.92	0.92

Table A2.29: Demand, Fortified Islands, Canada

## Section 1: End Use Energy Prices (C\$2005/GJ)

(demand-weighted average of provincial prices) <sup>1</sup>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	22.67	22.10	22.26	21.38	20.59	19.34	20.76	21.48	22.12	23.02	23.55	23.54	23.40	23.50
Natural Gas	8.87	9.58	9.70	9.62	9.82	10.67	11.61	12.82	14.79	14.83	14.34	14.05	13.74	13.48
Light Fuel Oil	14.29	14.19	13.13	15.18	15.22	18.77	19.83	19.58	19.98	20.41	20.23	20.04	19.83	19.62
<b>Commercial</b>														
Electricity	21.92	21.67	22.90	22.83	20.02	18.89	20.41	20.88	22.24	23.77	25.05	25.48	25.33	25.41
Natural Gas	6.71	7.39	7.49	7.59	7.71	8.70	9.80	11.13	13.51	13.89	13.77	13.64	13.50	13.34
Light Fuel Oil	13.78	13.88	12.74	14.74	14.91	18.47	19.55	19.31	19.70	20.13	19.95	19.75	19.54	19.32
<b>Industrial</b>														
Electricity	13.06	13.80	13.88	13.49	12.25	11.52	12.60	12.88	13.65	14.44	15.14	15.32	15.28	15.34
Natural Gas	3.62	4.04	6.05	5.26	5.38	6.51	7.76	9.16	11.54	11.92	11.81	11.68	11.55	11.40
Heavy Fuel Oil	8.92	9.07	8.27	9.52	9.64	13.59	15.03	14.90	15.25	15.70	15.52	15.35	15.17	14.95
<b>Transportation</b>														
Gasoline	27.00	27.18	27.22	27.24	27.23	29.95	30.17	29.50	29.79	30.14	29.86	29.57	29.25	28.92
Diesel	21.77	22.65	20.83	21.28	21.27	24.43	25.06	24.59	24.93	25.31	25.08	24.83	24.57	24.29

## Section 2: Secondary Demand (petajoules)

(includes end use demand and feedstocks)	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>9 701.64</b>	<b>9 537.54</b>	<b>9 928.07</b>	<b>10 172.72</b>	<b>10 416.37</b>	<b>10 547.69</b>	<b>10 685.63</b>	<b>10 826.62</b>	<b>10 828.68</b>	<b>10 848.59</b>	<b>10 830.37</b>	<b>10 955.38</b>	<b>11 048.98</b>	<b>11 297.96</b>
RPP <sup>2,3</sup>	3 874.66	3 972.63	4 098.26	4 240.19	4 422.31	4 442.23	4 482.72	4 589.10	4 647.74	4 681.78	4 745.40	4 831.76	4 895.95	5 077.24
Electric	1 803.57	1 798.62	1 851.86	1 874.41	1 884.99	1 930.50	1 958.75	1 976.67	1 973.92	1 970.99	1 958.62	1 973.40	1 991.00	2 008.63
Natural Gas	3 146.66	2 940.88	3 100.46	3 167.82	3 211.24	3 284.91	3 360.02	3 368.48	3 316.45	3 317.57	3 258.83	3 275.11	3 272.11	3 309.76
Biofuels & Emerging Energy <sup>4</sup>	635.05	589.69	636.99	647.23	661.70	639.75	633.18	649.88	647.17	639.80	633.05	641.92	657.83	671.20
Other <sup>5</sup>	241.70	235.73	240.49	243.07	236.14	250.30	250.96	242.48	243.40	238.44	234.47	233.19	232.09	231.13
<b>Residential Sector</b>	<b>1 391.99</b>	<b>1 338.23</b>	<b>1 390.77</b>	<b>1 447.68</b>	<b>1 425.07</b>	<b>1 475.85</b>	<b>1 512.89</b>	<b>1 550.88</b>	<b>1 539.70</b>	<b>1 546.48</b>	<b>1 549.73</b>	<b>1 557.79</b>	<b>1 568.63</b>	<b>1 574.98</b>
Biomass	104.16	98.53	104.37	109.51	111.91	114.84	118.17	121.90	122.63	124.32	125.78	127.84	130.39	132.48
Electricity	497.64	504.87	517.53	532.76	543.66	555.26	569.94	584.77	583.04	586.59	588.56	592.65	598.31	602.00
Natural Gas	644.82	600.97	640.21	670.18	651.08	683.89	703.16	722.57	714.48	717.44	718.74	722.24	726.28	728.47
RPP	143.76	132.51	127.69	134.26	117.34	120.64	120.40	120.43	118.38	116.99	115.51	113.95	112.55	110.96
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	1.61	1.35	0.97	0.97	1.07	1.21	1.22	1.21	1.17	1.15	1.13	1.11	1.09	1.07
<b>Commercial Sector</b>	<b>1 368.71</b>	<b>1 341.18</b>	<b>1 425.79</b>	<b>1 443.90</b>	<b>1 458.96</b>	<b>1 506.30</b>	<b>1 525.25</b>	<b>1 536.04</b>	<b>1 507.60</b>	<b>1 501.42</b>	<b>1 491.55</b>	<b>1 492.79</b>	<b>1 495.91</b>	<b>1 499.57</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	466.15	457.63	488.33	486.05	492.32	517.72	526.96	534.49	531.87	533.48	533.01	536.13	539.84	542.45
Natural Gas	722.13	688.49	729.56	702.46	679.48	701.29	705.97	704.50	679.06	667.92	656.06	648.89	643.00	638.91
RPP	180.05	194.45	207.57	255.04	286.74	286.78	291.80	296.55	296.18	299.53	302.00	307.31	312.62	317.76
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.38	0.60	0.32	0.34	0.42	0.51	0.51	0.51	0.49	0.48	0.47	0.45	0.45	0.44
<b>Industrial Sector</b>	<b>4 453.21</b>	<b>4 393.03</b>	<b>4 612.43</b>	<b>4 704.06</b>	<b>4 853.77</b>	<b>4 868.40</b>	<b>4 928.00</b>	<b>4 979.20</b>	<b>5 056.88</b>	<b>5 086.00</b>	<b>5 081.76</b>	<b>5 184.88</b>	<b>5 243.70</b>	<b>5 462.23</b>
Biomass	530.89	491.15	532.62	537.72	549.78	524.90	515.00	506.18	502.67	493.38	485.14	492.07	505.62	517.12
Coal, Coke & Coke Oven Gas	204.90	197.43	204.12	204.18	195.46	207.22	208.25	200.34	201.87	197.42	194.33	193.44	192.91	192.64
Electricity	836.66	833.05	842.65	852.21	845.56	854.13	858.50	854.07	855.77	847.71	833.87	841.45	849.68	861.01
Natural Gas	1 777.34	1 649.44	1 728.94	1 793.43	1 878.92	1 898.03	1 949.24	1 939.81	1 921.40	1 930.76	1 882.63	1 902.62	1 901.50	1 941.08
LPG & Petroleum Feedstocks	363.19	462.48	506.00	491.03	579.01	560.42	568.03	577.93	582.79	596.35	610.30	629.03	644.86	670.62
RPP	325.22	317.21	296.47	325.60	324.92	328.91	327.93	324.75	321.20	320.73	318.76	320.38	323.00	325.14
Still Gas & Petroleum Coke	380.19	405.91	466.55	462.31	440.92	453.44	460.08	535.70	631.32	660.25	718.18	767.69	788.49	917.65
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	34.82	36.36	35.08	37.59	39.19	41.36	40.98	40.42	39.87	39.39	38.54	38.18	37.64	36.98

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
24.58	24.73	24.82	24.78	24.94	25.34	25.63	25.95	26.32	26.90	27.40	27.83	28.31	28.87	29.49	30.08	30.72
13.23	12.97	12.74	12.51	12.33	12.22	12.12	12.04	11.93	11.83	11.73	11.64	11.54	11.45	11.36	11.26	11.16
19.41	19.23	19.08	18.93	18.80	18.70	18.62	18.55	18.49	18.43	18.37	18.31	18.26	18.20	18.14	18.08	18.02
27.24	27.59	27.88	28.00	28.32	28.93	29.30	29.71	30.18	31.27	31.92	32.41	33.06	33.77	34.58	35.34	36.21
13.20	13.06	12.95	12.85	12.75	12.68	12.62	12.57	12.54	12.50	12.45	12.41	12.38	12.34	12.30	12.26	12.22
19.11	18.92	18.76	18.61	18.47	18.37	18.28	18.21	18.14	18.08	18.01	17.95	17.89	17.82	17.76	17.70	17.63
16.22	16.42	16.60	16.65	16.82	17.14	17.31	17.48	17.76	18.34	18.70	18.97	19.31	19.70	20.17	20.63	21.14
11.24	11.12	11.03	10.94	10.85	10.79	10.75	10.70	10.66	10.62	10.58	10.56	10.53	10.49	10.46	10.43	10.40
14.77	14.60	14.46	14.34	14.23	14.14	14.07	14.00	13.94	13.89	13.83	13.78	13.73	13.68	13.63	13.58	13.53
28.60	28.32	28.09	27.86	27.66	27.49	27.37	27.25	27.16	27.06	26.96	26.86	26.77	26.67	26.57	26.48	26.38
24.02	23.78	23.58	23.39	23.21	23.08	22.97	22.87	22.79	22.70	22.61	22.53	22.45	22.37	22.29	22.20	22.13

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>11 420.47</b>	<b>11 660.81</b>	<b>11 817.37</b>	<b>11 931.02</b>	<b>12 015.87</b>	<b>12 114.99</b>	<b>12 288.01</b>	<b>12 358.41</b>	<b>12 376.05</b>	<b>12 404.80</b>	<b>12 427.81</b>	<b>12 467.20</b>	<b>12 509.49</b>	<b>12 532.93</b>	<b>12 544.06</b>	<b>12 553.25</b>	<b>12 580.14</b>
5 138.96	5 280.21	5 402.92	5 496.91	5 576.83	5 663.76	5 780.03	5 872.56	5 932.14	5 993.68	6 051.97	6 108.86	6 176.92	6 238.39	6 291.37	6 345.79	6 407.74
2 012.33	2 022.94	2 030.42	2 036.06	2 035.81	2 040.11	2 047.61	2 040.87	2 026.83	2 011.33	1 999.16	1 990.17	1 986.43	1 975.29	1 957.95	1 942.68	1 930.62
3 363.69	3 444.75	3 464.13	3 476.17	3 479.20	3 481.36	3 522.26	3 510.66	3 492.77	3 486.82	3 470.39	3 464.11	3 443.93	3 425.15	3 412.60	3 392.84	3 377.82
677.64	685.83	694.42	699.86	704.79	713.13	722.33	724.78	723.56	721.64	722.26	724.99	729.76	729.73	725.98	723.45	723.40
227.86	227.09	225.47	222.03	219.23	216.63	215.78	209.54	200.76	191.34	184.03	179.07	172.46	164.36	156.16	148.49	140.57
<b>1 575.90</b>	<b>1 585.98</b>	<b>1 597.90</b>	<b>1 606.28</b>	<b>1 611.30</b>	<b>1 616.49</b>	<b>1 622.38</b>	<b>1 626.50</b>	<b>1 626.96</b>	<b>1 625.99</b>	<b>1 624.09</b>	<b>1 621.76</b>	<b>1 622.92</b>	<b>1 622.10</b>	<b>1 618.62</b>	<b>1 614.19</b>	<b>1 609.43</b>
134.01	136.25	138.66	140.86	142.47	144.21	145.92	147.40	148.54	149.40	150.16	150.92	152.13	153.07	153.68	154.22	154.75
602.86	607.04	611.89	615.60	617.52	619.53	621.78	623.32	623.41	622.63	621.37	619.90	619.78	618.73	616.47	613.77	610.83
728.87	733.53	738.96	742.39	745.21	747.85	750.84	752.98	753.20	753.30	753.00	752.35	753.04	752.99	751.91	750.37	748.69
109.11	108.12	107.36	106.42	105.10	103.91	102.86	101.84	100.86	99.72	98.64	97.67	97.07	96.42	95.69	94.97	94.31
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.05	1.04	1.03	1.01	1.00	0.99	0.98	0.96	0.95	0.94	0.92	0.91	0.90	0.89	0.88	0.86	0.85
<b>1 498.43</b>	<b>1 509.99</b>	<b>1 518.20</b>	<b>1 528.01</b>	<b>1 537.11</b>	<b>1 546.07</b>	<b>1 562.21</b>	<b>1 568.34</b>	<b>1 571.95</b>	<b>1 581.84</b>	<b>1 590.69</b>	<b>1 600.50</b>	<b>1 611.13</b>	<b>1 621.60</b>	<b>1 633.72</b>	<b>1 645.14</b>	<b>1 660.32</b>
0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.07	0.07
541.98	544.22	546.12	548.36	549.35	550.39	552.33	552.81	552.28	552.00	551.58	550.83	550.76	550.14	549.09	548.12	547.87
634.10	637.30	637.72	639.03	641.35	643.06	650.20	650.10	648.75	652.96	655.97	660.45	664.51	669.02	675.70	681.30	688.88
321.91	327.99	333.88	340.14	345.95	352.15	359.21	364.96	370.40	376.36	382.62	388.69	395.31	401.88	408.37	415.17	423.01
0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
0.44	0.45	0.44	0.44	0.44	0.43	0.43	0.43	0.45	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.48
<b>5 572.58</b>	<b>5 759.51</b>	<b>5 865.87</b>	<b>5 932.66</b>	<b>5 977.56</b>	<b>6 031.78</b>	<b>6 146.60</b>	<b>6 181.14</b>	<b>6 176.07</b>	<b>6 176.10</b>	<b>6 170.91</b>	<b>6 181.26</b>	<b>6 185.11</b>	<b>6 175.87</b>	<b>6 158.85</b>	<b>6 141.43</b>	<b>6 135.82</b>
522.29	528.30	534.51	537.86	541.31	547.99	555.55	556.58	554.21	551.42	551.18	552.94	556.13	554.77	549.99	546.54	545.62
190.24	188.25	186.48	183.54	180.28	178.07	176.47	170.75	162.60	153.90	147.15	141.78	135.44	127.73	119.99	112.69	105.08
864.32	868.50	869.20	868.86	865.70	866.91	870.18	861.41	847.79	833.33	822.83	816.04	812.45	802.96	788.91	777.30	768.42
1 999.45	2 072.67	2 086.19	2 093.50	2 091.40	2 089.20	2 119.98	2 106.34	2 089.57	2 079.31	2 060.18	2 050.06	2 025.12	2 001.88	1 983.73	1 959.91	1 938.98
680.79	700.38	715.34	733.20	745.36	758.80	773.53	782.67	788.79	795.12	802.37	809.43	819.73	828.42	835.30	842.61	851.44
325.45	332.20	335.43	338.73	342.74	345.94	350.60	353.23	354.45	356.31	358.98	361.99	365.45	368.12	370.57	373.55	378.08
953.91	1 031.85	1 101.17	1 139.90	1 173.24	1 207.70	1 262.35	1 312.74	1 341.88	1 370.64	1 392.70	1 413.07	1 435.09	1 456.68	1 475.50	1 494.33	1 514.02
0.00	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03
36.13	37.35	37.52	37.04	37.51	37.14	37.90	37.40	36.75	36.05	35.51	35.91	35.66	35.28	34.82	34.46	34.16

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>2 487.74</b>	<b>2 465.10</b>	<b>2 499.08</b>	<b>2 577.08</b>	<b>2 678.57</b>	<b>2 697.14</b>	<b>2 719.50</b>	<b>2 760.49</b>	<b>2 724.50</b>	<b>2 714.68</b>	<b>2 707.34</b>	<b>2 719.92</b>	<b>2 740.75</b>	<b>2 761.18</b>
Aviation Fuel	195.11	172.29	188.17	194.92	210.17	212.86	215.58	218.34	221.13	223.97	226.85	229.77	232.73	235.73
Diesel	889.20	866.51	859.88	908.26	966.21	984.79	1 002.30	1 011.15	1 001.28	999.34	997.74	1 005.31	1 014.59	1 024.39
Electric	3.12	3.08	3.35	3.39	3.46	3.39	3.35	3.34	3.24	3.20	3.17	3.17	3.17	3.17
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.81	21.86	22.10	22.13	22.00	21.81	21.59
Heavy Fuel Oil	28.41	33.86	34.63	35.20	36.29	36.65	37.02	37.39	37.76	38.14	38.52	38.91	39.29	39.69
LPG	15.92	17.03	12.36	11.88	12.67	12.03	11.38	10.71	9.86	9.18	8.53	7.93	7.39	6.90
Lubricants	11.70	11.91	12.91	13.62	13.23	13.61	14.09	14.60	14.75	15.04	15.30	15.69	16.10	16.48
Motor Gasoline	1 341.90	1 358.46	1 386.04	1 408.06	1 434.79	1 432.10	1 434.13	1 441.54	1 413.09	1 402.26	1 393.70	1 395.79	1 404.34	1 411.94
Natural Gas	2.37	1.96	1.74	1.75	1.75	1.71	1.66	1.60	1.51	1.45	1.39	1.36	1.33	1.30

<b>Section 3: Primary Demand (petajoules)</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Secondary Demand	9 701.64	9 537.54	9 928.07	10 172.72	10 416.37	10 547.69	10 685.63	10 826.62	10 828.68	10 848.59	10 830.37	10 955.38	11 048.98	11 297.96
Total Electric and Steam Energy Demand for Generation	3 694.00	3 666.56	3 617.04	3 690.23	3 775.88	4 012.04	4 040.55	4 097.08	4 030.20	3 926.66	3 893.46	3 938.16	3 943.97	3 958.69
Less Electricity and Steam Secondary Demand	1 838.70	1 835.30	1 887.26	1 912.34	1 924.60	1 972.37	2 000.24	2 017.59	2 014.28	2 010.86	1 997.62	2 012.03	2 029.08	2 046.05
<b>Total Primary Demand</b>	<b>11 556.94</b>	<b>11 368.80</b>	<b>11 657.85</b>	<b>11 950.61</b>	<b>12 267.66</b>	<b>12 587.36</b>	<b>12 725.94</b>	<b>12 906.10</b>	<b>12 844.60</b>	<b>12 764.38</b>	<b>12 726.20</b>	<b>12 881.50</b>	<b>12 963.87</b>	<b>13 210.60</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	3 444.01	3 252.05	3 366.04	3 459.41	3 495.05	3 696.40	3 802.70	3 829.04	3 782.56	3 792.87	3 749.14	3 771.86	3 772.60	3 827.50
RPP	4 005.36	4 129.72	4 226.67	4 399.41	4 610.19	4 648.59	4 706.04	4 809.33	4 854.50	4 874.89	4 937.91	5 026.02	5 067.80	5 250.35
Coal, Coke and Coke Oven Gas	1 394.19	1 366.67	1 348.18	1 415.83	1 289.24	1 180.72	1 149.54	1 145.86	1 113.52	1 025.96	936.74	904.21	871.33	853.63
Hydro	1 280.43	1 189.61	1 251.53	1 205.26	1 216.99	1 261.82	1 272.61	1 283.19	1 293.89	1 328.60	1 348.70	1 348.70	1 365.51	1 368.53
Nuclear	796.63	839.30	826.52	819.53	988.77	1 086.49	1 085.40	1 095.87	1 043.36	976.62	979.79	1 034.34	1 058.58	1 053.82
Biofuels & Emerging Energy	636.32	591.45	638.91	651.18	667.42	713.34	709.66	742.81	756.78	765.44	773.92	796.37	828.04	856.77

<b>Section 4: Ratios</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>9.56</b>	<b>9.24</b>	<b>9.32</b>	<b>9.34</b>	<b>9.26</b>	<b>9.09</b>	<b>8.92</b>	<b>8.80</b>	<b>8.68</b>	<b>8.55</b>	<b>8.41</b>	<b>8.31</b>	<b>8.18</b>	<b>8.18</b>
Residential (PJ/Personal Income)	1.76	1.66	1.72	1.78	1.71	1.73	1.71	1.68	1.66	1.63	1.61	1.58	1.54	1.51
Commercial (PJ/GO)	1.26	1.21	1.25	1.24	1.21	1.20	1.18	1.16	1.13	1.10	1.08	1.05	1.03	1.02
Industrial (PJ/GO)	5.24	5.21	5.33	5.40	5.34	5.20	5.08	4.96	4.89	4.82	4.75	4.71	4.61	4.68
Transportation (PJ/GDP)	2.45	2.39	2.35	2.36	2.38	2.32	2.27	2.24	2.18	2.14	2.10	2.06	2.03	2.00

[1] Please note that there is no Canadian end-use price for the various fuels. The prices shown here are a demand weighted average of provincial prices included for interest only.

Fuel demand and prices vary widely across provinces. The Canadian weighted average could lead to some unintuitive results.

[2] Refined Petroleum Products (RPP)

[3] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[4] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[5] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>2 773.57</b>	<b>2 805.33</b>	<b>2 835.40</b>	<b>2 864.06</b>	<b>2 889.90</b>	<b>2 920.65</b>	<b>2 956.83</b>	<b>2 982.44</b>	<b>3 001.07</b>	<b>3 020.87</b>	<b>3 042.12</b>	<b>3 063.67</b>	<b>3 090.33</b>	<b>3 113.36</b>	<b>3 132.88</b>	<b>3 152.49</b>	<b>3 174.57</b>
238.77	241.86	244.99	248.16	251.38	254.65	257.96	261.32	264.73	268.18	271.69	275.24	278.85	282.51	286.22	289.98	293.80
1 029.77	1 044.60	1 055.28	1 066.35	1 075.71	1 087.34	1 103.36	1 111.54	1 116.37	1 122.96	1 131.15	1 139.74	1 148.86	1 156.42	1 163.40	1 170.80	1 180.60
3.16	3.18	3.21	3.23	3.25	3.28	3.31	3.34	3.35	3.37	3.39	3.40	3.43	3.45	3.47	3.48	3.50
21.33	21.23	21.20	21.09	20.96	20.88	20.80	20.73	20.72	20.73	20.82	21.01	21.39	21.78	22.19	22.58	22.92
40.08	40.48	40.89	41.30	41.71	42.13	42.55	42.97	43.40	43.84	44.28	44.72	45.17	45.62	46.07	46.54	47.00
6.44	6.08	5.77	5.48	5.22	4.99	4.80	4.63	4.48	4.35	4.24	4.15	4.07	4.00	3.94	3.89	3.85
16.79	17.20	17.61	17.99	18.37	18.77	19.18	19.54	19.85	20.15	20.47	20.78	21.15	21.49	21.79	22.10	22.43
1 415.94	1 429.44	1 445.20	1 459.21	1 472.06	1 487.37	1 503.62	1 517.12	1 526.93	1 536.05	1 544.84	1 553.38	1 566.16	1 576.83	1 584.53	1 591.86	1 599.20
1.27	1.26	1.25	1.25	1.24	1.24	1.25	1.25	1.25	1.25	1.25	1.25	1.26	1.26	1.26	1.26	1.27

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
11 420.47	11 660.81	11 817.37	11 931.02	12 015.87	12 114.99	12 288.01	12 358.41	12 376.05	12 404.80	12 427.81	12 467.20	12 509.49	12 532.93	12 544.06	12 553.25	12 580.14
3 936.55	3 976.66	4 006.45	4 011.88	4 046.14	4 041.91	4 031.61	4 051.90	4 033.64	4 024.33	4 031.11	4 024.78	4 014.89	4 002.09	3 985.72	3 967.09	3 962.80
2 048.89	2 060.73	2 068.37	2 073.52	2 073.75	2 077.68	2 085.92	2 078.69	2 064.01	2 047.81	2 035.10	2 026.51	2 022.51	2 011.00	1 993.20	1 977.57	1 965.22
<b>13 308.14</b>	<b>13 576.74</b>	<b>13 755.44</b>	<b>13 869.38</b>	<b>13 988.25</b>	<b>14 079.22</b>	<b>14 233.69</b>	<b>14 331.62</b>	<b>14 345.69</b>	<b>14 381.32</b>	<b>14 423.82</b>	<b>14 465.46</b>	<b>14 501.86</b>	<b>14 524.02</b>	<b>14 536.58</b>	<b>14 542.76</b>	<b>14 577.72</b>
3 893.70	3 988.68	4 010.05	4 025.09	4 015.84	4 023.20	4 079.85	4 066.77	4 046.56	4 030.21	4 005.43	3 996.11	3 973.88	3 951.34	3 931.82	3 907.86	3 885.60
5 319.85	5 455.28	5 583.75	5 679.26	5 754.53	5 843.75	5 951.36	6 050.87	6 110.28	6 167.03	6 189.80	6 243.46	6 313.14	6 373.06	6 418.65	6 472.04	6 536.81
828.42	802.39	768.74	742.45	720.91	714.79	700.04	671.10	649.64	637.87	607.86	592.78	573.16	556.86	536.62	520.46	499.86
1 368.83	1 413.55	1 417.69	1 419.03	1 447.93	1 448.77	1 448.82	1 483.91	1 483.65	1 483.37	1 483.09	1 482.75	1 482.50	1 482.21	1 481.92	1 481.67	1 481.47
1 019.41	1 016.38	1 053.08	1 063.97	1 093.83	1 075.02	1 061.30	1 054.87	1 043.30	1 043.13	1 108.04	1 108.68	1 103.39	1 095.46	1 096.93	1 083.11	1 087.10
877.93	900.47	922.13	939.57	955.21	973.69	992.31	1 004.11	1 012.27	1 019.72	1 029.61	1 041.68	1 055.80	1 065.08	1 070.64	1 077.61	1 086.88

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>8.14</b>	<b>8.13</b>	<b>8.08</b>	<b>8.00</b>	<b>7.92</b>	<b>7.84</b>	<b>7.79</b>	<b>7.72</b>	<b>7.64</b>	<b>7.56</b>	<b>7.47</b>	<b>7.39</b>	<b>7.30</b>	<b>7.22</b>	<b>7.14</b>	<b>7.05</b>	<b>6.95</b>
1.49	1.46	1.43	1.40	1.38	1.35	1.32	1.30	1.28	1.25	1.23	1.21	1.19	1.16	1.14	1.12	1.10
1.00	0.99	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85
4.68	4.73	4.72	4.69	4.65	4.60	4.59	4.57	4.55	4.53	4.49	4.46	4.41	4.38	4.35	4.31	4.26
1.98	1.96	1.94	1.92	1.90	1.89	1.87	1.86	1.85	1.84	1.83	1.82	1.80	1.79	1.78	1.77	1.75

Table A2.30: Demand, Fortified Islands, Alberta

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	27.09	27.26	29.50	29.94	26.14	26.79	28.46	26.49	28.63	30.61	32.79	34.72	33.92	33.24
Natural Gas	4.79	6.75	6.72	5.40	5.53	6.70	7.97	9.38	11.75	12.15	12.04	11.93	11.80	11.67
Light Fuel Oil	11.46	11.74	10.96	12.56	12.53	16.27	17.51	17.36	17.77	18.22	18.05	17.88	17.69	17.49
<b>Commercial</b>														
Electricity	22.63	26.68	29.76	38.27	30.37	30.07	33.22	30.00	33.90	37.62	41.90	45.72	44.68	43.82
Natural Gas	3.91	5.90	5.45	4.48	4.59	5.83	7.16	8.60	10.99	11.39	11.29	11.18	11.06	10.94
Light Fuel Oil	11.46	11.74	10.96	12.56	12.71	16.44	17.67	17.51	17.92	18.37	18.20	18.03	17.83	17.63
<b>Industrial</b>														
Electricity	14.55	18.68	17.55	17.05	13.93	13.99	15.13	13.81	15.27	16.66	18.25	19.66	19.19	18.80
Natural Gas	1.80	2.59	5.08	4.01	4.06	5.34	6.70	8.16	10.55	10.96	10.86	10.76	10.64	10.52
Heavy Fuel Oil	7.60	7.79	7.27	8.35	8.40	12.43	13.96	13.95	14.39	14.87	14.73	14.59	14.44	14.28
<b>Transportation</b>														
Gasoline	24.12	24.06	24.21	24.21	24.21	27.14	27.57	27.01	27.32	27.69	27.44	27.18	26.88	26.59
Diesel	19.03	20.25	18.14	18.85	18.85	22.15	22.95	22.58	22.93	23.34	23.13	22.91	22.66	22.41

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>2 325.14</b>	<b>2 365.74</b>	<b>2 416.61</b>	<b>2 542.22</b>	<b>2 682.60</b>	<b>2 717.56</b>	<b>2 822.91</b>	<b>2 933.14</b>	<b>3 016.87</b>	<b>3 086.35</b>	<b>3 122.97</b>	<b>3 229.57</b>	<b>3 275.51</b>	<b>3 480.07</b>
RPP <sup>1,2</sup>	780.09	888.50	888.20	928.06	1 026.26	989.67	1 021.92	1 124.19	1 220.65	1 264.49	1 337.12	1 406.37	1 440.59	1 592.34
Electric	199.50	203.09	208.25	195.85	202.16	207.13	210.52	210.68	209.21	210.82	209.35	211.25	212.49	216.79
Natural Gas	1 277.77	1 204.29	1 245.23	1 338.86	1 378.97	1 448.61	1 519.29	1 528.22	1 517.03	1 542.53	1 509.23	1 543.68	1 552.38	1 599.38
Biofuels & Emerging Energy <sup>3</sup>	56.50	57.40	64.15	68.61	66.05	63.32	62.45	61.55	61.66	60.34	59.33	60.48	62.46	64.18
Other <sup>4</sup>	11.28	12.45	10.77	10.84	9.17	8.83	8.74	8.50	8.32	8.17	7.94	7.78	7.59	7.38
<b>Residential Sector</b>	<b>188.90</b>	<b>170.32</b>	<b>188.40</b>	<b>190.26</b>	<b>189.45</b>	<b>200.13</b>	<b>208.97</b>	<b>216.65</b>	<b>213.04</b>	<b>214.83</b>	<b>216.26</b>	<b>218.52</b>	<b>220.54</b>	<b>222.62</b>
Biomass	0.46	0.43	0.48	0.46	0.45	0.47	0.49	0.52	0.52	0.53	0.55	0.57	0.59	0.61
Electricity	25.56	27.80	28.76	27.14	27.54	28.90	30.29	31.73	31.41	32.01	32.54	33.28	33.98	34.76
Natural Gas	160.35	139.77	157.00	160.78	159.81	169.12	176.57	182.82	179.62	180.85	181.79	183.37	184.73	186.08
RPP	1.88	1.77	1.76	1.76	1.58	1.57	1.54	1.50	1.43	1.38	1.32	1.25	1.19	1.12
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.65	0.55	0.40	0.11	0.08	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.05	0.05
<b>Commercial Sector</b>	<b>242.86</b>	<b>251.32</b>	<b>269.38</b>	<b>277.43</b>	<b>305.77</b>	<b>315.63</b>	<b>323.38</b>	<b>328.21</b>	<b>321.50</b>	<b>321.90</b>	<b>321.80</b>	<b>324.70</b>	<b>327.76</b>	<b>332.19</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	51.82	52.67	53.31	46.64	52.58	53.53	54.86	56.01	55.48	55.83	55.88	56.36	56.86	57.52
Natural Gas	143.63	148.20	170.55	171.77	171.24	176.39	179.07	179.43	172.31	169.72	167.21	165.84	164.84	164.92
RPP	47.41	50.45	45.52	59.02	81.87	85.62	89.35	92.66	93.62	96.25	98.62	102.40	105.96	109.66
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10
<b>Industrial Sector</b>	<b>1 498.41</b>	<b>1 527.81</b>	<b>1 559.47</b>	<b>1 660.61</b>	<b>1 752.09</b>	<b>1 765.69</b>	<b>1 838.18</b>	<b>1 921.91</b>	<b>2 022.19</b>	<b>2 084.34</b>	<b>2 115.65</b>	<b>2 208.39</b>	<b>2 243.62</b>	<b>2 433.16</b>
Biomass	56.04	56.97	63.67	68.15	65.60	62.84	61.96	61.03	61.14	59.81	58.79	59.91	61.87	63.57
Coal, Coke & Coke Oven Gas	0.59	0.73	0.64	0.93	0.59	0.71	0.73	0.72	0.74	0.73	0.73	0.75	0.78	0.81
Electricity	121.86	122.36	125.77	121.63	121.51	124.18	124.84	122.39	121.78	122.44	120.39	121.07	121.09	123.95
Natural Gas	973.69	916.23	917.60	1 006.22	1 047.84	1 103.03	1 163.57	1 165.90	1 165.04	1 191.91	1 160.19	1 194.44	1 202.78	1 248.36
LPG & Petroleum Feedstocks	141.59	224.51	224.57	238.37	295.26	260.15	263.05	269.68	272.64	281.57	292.20	302.98	310.66	327.20
RPP	28.82	30.36	24.99	26.39	28.01	28.34	30.76	33.06	33.62	35.11	36.12	37.92	38.68	39.77
Still Gas & Petroleum Coke	165.77	165.48	192.50	189.13	184.87	178.48	185.44	261.52	359.81	385.49	440.19	484.43	501.10	623.09
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	10.04	11.17	9.73	9.80	8.42	7.95	7.84	7.61	7.42	7.27	7.04	6.88	6.65	6.42

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
36.88	37.00	37.20	37.38	37.67	38.65	38.70	39.18	39.29	41.83	41.93	41.44	41.50	41.49	41.60	41.56	41.63
11.54	11.43	11.33	11.24	11.16	11.10	11.05	11.01	10.97	10.93	10.89	10.85	10.81	10.78	10.74	10.70	10.66
17.30	17.13	16.99	16.86	16.73	16.64	16.56	16.50	16.44	16.38	16.32	16.27	16.21	16.15	16.10	16.04	15.99
50.75	51.24	51.87	52.44	53.23	55.25	55.58	56.64	57.04	61.83	62.22	61.52	61.81	61.97	62.31	62.39	62.66
10.82	10.72	10.63	10.54	10.47	10.41	10.36	10.32	10.28	10.25	10.21	10.17	10.14	10.10	10.07	10.03	10.00
17.44	17.27	17.13	16.99	16.87	16.77	16.70	16.63	16.58	16.52	16.46	16.40	16.34	16.29	16.23	16.17	16.12
21.41	21.55	21.75	21.93	22.19	22.93	23.03	23.40	23.53	25.35	25.47	25.17	25.26	25.30	25.41	25.42	25.50
10.41	10.31	10.22	10.14	10.07	10.01	9.96	9.92	9.89	9.86	9.82	9.79	9.75	9.72	9.68	9.65	9.62
14.12	13.98	13.87	13.76	13.66	13.58	13.52	13.47	13.42	13.37	13.32	13.28	13.23	13.18	13.14	13.09	13.05
26.30	26.04	25.83	25.62	25.44	25.29	25.18	25.08	24.99	24.90	24.81	24.73	24.64	24.55	24.47	24.38	24.30
22.17	21.95	21.77	21.60	21.44	21.32	21.22	21.14	21.06	20.99	20.92	20.84	20.77	20.70	20.62	20.55	20.48

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>3 604.68</b>	<b>3 768.37</b>	<b>3 868.49</b>	<b>3 937.15</b>	<b>3 996.96</b>	<b>4 052.29</b>	<b>4 140.40</b>	<b>4 202.55</b>	<b>4 235.44</b>	<b>4 273.31</b>	<b>4 299.44</b>	<b>4 316.52</b>	<b>4 331.35</b>	<b>4 348.74</b>	<b>4 361.59</b>	<b>4 374.43</b>	<b>4 392.50</b>
1 645.14	1 750.09	1 835.55	1 893.12	1 944.28	1 995.18	2 071.38	2 137.79	2 178.71	2 223.40	2 259.74	2 293.23	2 327.75	2 362.17	2 393.96	2 425.10	2 458.89
219.85	223.49	225.03	225.88	226.81	227.44	228.51	227.63	226.63	225.67	224.91	223.82	223.03	222.27	221.35	220.66	220.42
1 667.59	1 722.38	1 735.20	1 745.52	1 753.21	1 756.42	1 766.51	1 763.41	1 757.17	1 752.15	1 743.03	1 727.62	1 708.29	1 692.33	1 675.18	1 658.26	1 643.11
65.00	65.55	66.03	66.13	66.36	67.13	68.01	67.92	67.37	66.80	66.66	66.94	67.52	67.39	66.70	66.19	66.00
7.11	6.86	6.69	6.49	6.29	6.13	5.99	5.79	5.55	5.30	5.09	4.91	4.76	4.59	4.40	4.23	4.07
<b>224.01</b>	<b>227.40</b>	<b>230.24</b>	<b>232.70</b>	<b>235.32</b>	<b>237.60</b>	<b>240.50</b>	<b>242.59</b>	<b>244.01</b>	<b>245.70</b>	<b>247.08</b>	<b>248.36</b>	<b>249.62</b>	<b>250.85</b>	<b>252.00</b>	<b>252.73</b>	<b>253.45</b>
0.62	0.65	0.67	0.69	0.71	0.72	0.74	0.76	0.77	0.79	0.80	0.81	0.82	0.84	0.85	0.85	0.86
35.35	36.28	37.10	37.88	38.73	39.53	40.48	41.24	41.87	42.54	43.17	43.81	44.47	45.14	45.82	46.42	47.03
186.93	189.42	191.47	193.18	194.98	196.48	198.46	199.82	200.63	201.68	202.45	203.11	203.73	204.31	204.81	204.96	205.08
1.06	1.01	0.96	0.91	0.87	0.82	0.78	0.74	0.70	0.67	0.63	0.60	0.57	0.54	0.51	0.48	0.46
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02
<b>335.68</b>	<b>343.74</b>	<b>348.97</b>	<b>354.72</b>	<b>361.00</b>	<b>366.81</b>	<b>375.52</b>	<b>379.21</b>	<b>381.72</b>	<b>387.71</b>	<b>393.18</b>	<b>399.01</b>	<b>403.88</b>	<b>409.20</b>	<b>415.61</b>	<b>421.49</b>	<b>428.79</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57.75	58.45	58.99	59.56	60.15	60.72	61.54	61.90	62.21	62.65	63.13	63.62	64.07	64.58	65.13	65.71	66.50
164.78	167.98	168.79	170.01	171.63	172.76	176.08	175.85	174.63	176.34	177.38	178.93	179.68	180.73	182.82	184.25	186.34
113.05	117.22	121.09	125.06	129.12	133.22	137.80	141.35	144.78	148.62	152.57	156.35	160.02	163.78	167.56	171.43	175.84
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
<b>2 545.47</b>	<b>2 684.20</b>	<b>2 768.91</b>	<b>2 819.96</b>	<b>2 860.68</b>	<b>2 898.35</b>	<b>2 962.01</b>	<b>3 009.52</b>	<b>3 032.16</b>	<b>3 053.30</b>	<b>3 064.54</b>	<b>3 066.73</b>	<b>3 068.24</b>	<b>3 071.75</b>	<b>3 069.53</b>	<b>3 068.96</b>	<b>3 071.32</b>
64.38	64.90	65.36	65.45	65.65	66.41	67.27	67.16	66.60	66.01	65.86	66.13	66.70	66.55	65.86	65.33	65.14
0.83	0.83	0.85	0.86	0.88	0.90	0.93	0.94	0.92	0.90	0.90	0.89	0.88	0.87	0.86	0.84	0.82
126.18	128.19	128.35	127.86	127.33	126.57	125.87	123.87	121.91	119.84	117.96	115.74	113.84	111.89	109.74	107.85	106.20
1 315.86	1 364.96	1 374.93	1 382.32	1 386.60	1 387.16	1 391.95	1 387.73	1 381.91	1 374.13	1 363.19	1 345.57	1 324.87	1 307.28	1 287.54	1 269.05	1 251.70
333.32	346.59	354.98	365.53	372.16	379.12	386.95	392.35	396.59	401.89	406.96	411.36	417.29	422.97	428.09	433.17	439.28
40.92	42.90	43.55	44.71	45.97	46.99	48.57	50.14	50.75	51.90	52.88	53.63	54.41	55.15	55.82	56.53	57.40
657.85	729.95	795.19	827.75	856.81	886.11	935.55	982.61	1 008.98	1 034.37	1 052.72	1 069.52	1 086.50	1 103.45	1 118.20	1 132.92	1 147.66
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.14	5.88	5.70	5.49	5.28	5.10	4.93	4.73	4.50	4.27	4.07	3.89	3.75	3.59	3.42	3.27	3.13

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>394.97</b>	<b>416.29</b>	<b>399.35</b>	<b>413.92</b>	<b>435.29</b>	<b>436.11</b>	<b>452.39</b>	<b>466.39</b>	<b>460.14</b>	<b>465.28</b>	<b>469.26</b>	<b>477.96</b>	<b>483.58</b>	<b>492.08</b>
Aviation Fuel	30.03	31.54	29.17	28.73	29.98	30.58	31.19	31.81	32.45	33.10	33.76	34.43	35.12	35.82
Diesel	185.20	193.46	179.31	198.60	214.00	213.34	222.84	230.35	227.68	231.03	233.35	238.19	240.52	245.10
Electric	0.26	0.26	0.41	0.43	0.52	0.52	0.54	0.55	0.54	0.54	0.54	0.55	0.56	0.56
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	4.41	4.39	3.47	3.08	2.98	2.76	2.59	2.41	2.17	1.98	1.79	1.60	1.43	1.27
Lubricants	1.57	1.39	1.29	1.40	1.47	1.50	1.58	1.66	1.67	1.72	1.77	1.84	1.89	1.96
Motor Gasoline	173.40	185.15	185.61	181.58	186.24	187.33	193.57	199.53	195.57	196.85	198.01	201.31	204.03	207.34
Natural Gas	0.10	0.10	0.09	0.09	0.09	0.08	0.07	0.07	0.06	0.05	0.04	0.04	0.03	0.03
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	2325.14	2365.74	2416.60	2542.22	2682.60	2717.56	2822.91	2933.14	3016.87	3086.35	3122.97	3229.57	3275.51	3480.06
Total Electric and Steam Energy Demand for Generation	602.85	619.06	591.06	589.94	584.25	680.78	655.63	649.35	635.04	631.89	636.15	635.13	615.36	623.58
Less Electricity and Steam Secondary Demand	209.53	214.26	217.98	205.65	210.66	215.17	218.45	218.39	216.73	218.19	216.49	218.23	219.25	223.31
<b>Total Primary Demand</b>	<b>2 718.45</b>	<b>2 770.54</b>	<b>2 789.68</b>	<b>2 926.51</b>	<b>3 056.20</b>	<b>3 183.17</b>	<b>3 260.09</b>	<b>3 364.10</b>	<b>3 435.18</b>	<b>3 500.05</b>	<b>3 542.63</b>	<b>3 646.46</b>	<b>3 671.62</b>	<b>3 880.34</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	1 395.05	1 307.32	1 329.88	1 423.79	1 461.41	1 623.78	1 702.45	1 718.09	1 707.05	1 734.22	1 698.91	1 732.13	1 747.10	1 797.40
RPP	780.49	888.87	888.54	928.58	1 026.82	990.63	1 022.45	1 124.72	1 221.17	1 265.01	1 337.65	1 415.58	1 449.81	1 601.55
Coal, Coke and Coke Oven Gas	479.45	510.83	499.75	496.26	490.70	481.38	448.68	434.60	418.24	411.98	417.64	410.13	382.87	386.40
Hydro	6.32	5.16	6.19	6.28	6.75	6.82	6.82	6.82	8.40	8.40	8.40	8.40	8.40	8.40
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	57.14	58.37	65.33	71.61	70.51	80.56	79.70	79.87	80.31	80.43	80.03	80.21	83.43	86.59
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>18.68</b>	<b>18.43</b>	<b>18.54</b>	<b>19.01</b>	<b>19.34</b>	<b>19.05</b>	<b>18.82</b>	<b>18.77</b>	<b>19.06</b>	<b>18.91</b>	<b>18.63</b>	<b>18.58</b>	<b>18.26</b>	<b>18.76</b>
Residential (PJ/Personal Income)	2.32	1.94	2.16	2.19	2.07	2.13	2.10	2.05	2.02	1.97	1.93	1.87	1.83	1.78
Commercial (PJ/GO)	2.06	2.05	2.13	2.15	2.31	2.28	2.24	2.19	2.13	2.08	2.03	1.98	1.94	1.90
Industrial (PJ/GO)	13.87	13.65	14.31	15.32	15.35	15.61	15.29	15.35	15.85	15.87	15.71	15.85	15.75	16.65
Transportation (PJ/GDP)	3.17	3.24	3.06	3.10	3.14	3.06	3.02	2.98	2.91	2.85	2.80	2.75	2.70	2.65

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>499.53</b>	<b>513.02</b>	<b>520.38</b>	<b>529.77</b>	<b>539.96</b>	<b>549.53</b>	<b>562.37</b>	<b>571.24</b>	<b>577.55</b>	<b>586.60</b>	<b>594.63</b>	<b>602.42</b>	<b>609.61</b>	<b>616.94</b>	<b>624.45</b>	<b>631.25</b>	<b>638.94</b>
36.54	37.27	38.02	38.78	39.55	40.34	41.15	41.97	42.81	43.67	44.54	45.43	46.34	47.27	48.21	49.18	50.16
249.08	256.98	259.66	264.20	269.40	273.96	280.80	285.02	287.46	292.01	295.82	299.46	302.51	305.66	309.05	312.10	315.89
0.57	0.58	0.58	0.59	0.60	0.61	0.62	0.63	0.63	0.64	0.64	0.65	0.66	0.66	0.67	0.67	0.68
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.13	1.01	0.90	0.80	0.71	0.63	0.56	0.49	0.44	0.39	0.34	0.30	0.27	0.24	0.21	0.18	0.16
2.02	2.10	2.16	2.22	2.29	2.36	2.43	2.49	2.55	2.61	2.66	2.72	2.78	2.84	2.89	2.95	3.01
210.17	215.07	219.04	223.15	227.39	231.63	236.80	240.62	243.66	247.29	250.62	253.84	257.05	260.27	263.41	266.16	269.03
0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
3604.68	3768.37	3868.49	3937.15	3996.96	4052.29	4140.40	4202.55	4235.44	4273.31	4299.44	4316.52	4331.35	4348.73	4361.59	4374.43	4392.50
628.15	634.41	636.84	623.92	622.88	622.60	623.45	611.45	604.20	597.21	590.18	585.58	578.26	574.03	564.13	558.75	552.16
226.09	229.47	230.82	231.48	232.19	232.63	233.54	232.46	231.23	230.04	229.08	227.81	226.88	225.96	224.88	224.03	223.65
<b>4 006.74</b>	<b>4 173.31</b>	<b>4 274.51</b>	<b>4 329.59</b>	<b>4 387.64</b>	<b>4 442.25</b>	<b>4 530.31</b>	<b>4 581.54</b>	<b>4 608.40</b>	<b>4 640.49</b>	<b>4 660.54</b>	<b>4 674.29</b>	<b>4 682.73</b>	<b>4 696.81</b>	<b>4 700.85</b>	<b>4 709.15</b>	<b>4 721.00</b>
1 865.59	1 923.67	1 936.49	1 953.24	1 964.15	1 967.34	1 980.62	1 977.37	1 971.07	1 965.92	1 960.00	1 944.57	1 925.23	1 909.26	1 895.38	1 878.45	1 863.29
1 657.64	1 762.59	1 851.34	1 918.18	1 969.34	2 023.52	2 099.72	2 175.41	2 219.61	2 264.30	2 300.64	2 334.13	2 371.93	2 406.35	2 438.14	2 469.28	2 506.36
386.27	388.08	386.35	357.14	352.50	348.60	345.97	324.51	313.65	306.40	295.91	290.99	280.07	275.50	261.98	256.25	246.04
8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
88.84	90.56	91.93	92.63	93.25	94.39	95.60	95.85	95.67	95.47	95.58	96.19	97.11	97.30	96.95	96.76	96.91

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>18.88</b>	<b>19.01</b>	<b>19.00</b>	<b>18.81</b>	<b>18.56</b>	<b>18.31</b>	<b>18.12</b>	<b>18.02</b>	<b>17.84</b>	<b>17.61</b>	<b>17.34</b>	<b>17.05</b>	<b>16.80</b>	<b>16.56</b>	<b>16.29</b>	<b>16.05</b>	<b>15.78</b>
1.73	1.69	1.65	1.62	1.58	1.55	1.51	1.48	1.46	1.43	1.40	1.37	1.35	1.32	1.30	1.27	1.25
1.86	1.84	1.81	1.79	1.77	1.74	1.72	1.70	1.67	1.65	1.63	1.62	1.60	1.58	1.57	1.56	1.55
17.05	17.47	17.77	17.73	17.63	17.52	17.48	17.44	17.45	17.37	17.24	17.08	16.91	16.78	16.66	16.53	16.37
2.62	2.59	2.56	2.53	2.51	2.48	2.46	2.45	2.43	2.42	2.40	2.38	2.36	2.35	2.33	2.32	2.30





	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>340.33</b>	<b>327.84</b>	<b>336.78</b>	<b>340.28</b>	<b>362.57</b>	<b>375.63</b>	<b>385.81</b>	<b>391.17</b>	<b>386.11</b>	<b>386.18</b>	<b>388.83</b>	<b>392.13</b>	<b>396.81</b>	<b>401.77</b>
Aviation Fuel	47.46	36.62	43.38	38.80	43.41	44.02	44.64	45.26	45.90	46.54	47.19	47.85	48.52	49.20
Diesel	116.78	116.57	118.83	124.03	131.94	140.16	144.95	146.83	144.04	143.54	144.02	145.85	147.54	149.51
Electric	0.43	0.42	0.52	0.54	0.50	0.50	0.51	0.51	0.50	0.50	0.51	0.51	0.51	0.51
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	6.42	8.39	8.48	8.95	9.13	9.22	9.32	9.41	9.50	9.60	9.69	9.79	9.89	9.99
LPG	4.91	5.02	4.60	4.17	4.15	4.09	3.99	3.86	3.65	3.49	3.37	3.25	3.17	3.10
Lubricants	1.90	1.81	2.03	2.03	2.03	2.12	2.21	2.28	2.30	2.35	2.41	2.47	2.54	2.61
Motor Gasoline	161.86	158.73	158.80	161.61	171.24	175.38	180.06	182.89	180.11	180.06	181.56	182.32	184.57	186.80
Natural Gas	0.58	0.28	0.16	0.16	0.16	0.15	0.14	0.13	0.11	0.10	0.09	0.08	0.07	0.06

<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	1203.38	1176.37	1172.18	1162.28	1185.25	1178.21	1190.21	1188.49	1171.31	1164.07	1161.94	1166.36	1176.81	1186.62
Total Electric and Steam Energy Demand for Generation	257.41	227.62	226.64	220.36	210.93	279.76	284.68	285.50	286.20	288.87	295.88	299.18	307.37	311.31
Less Electricity and Steam Secondary Demand	219.23	210.71	208.61	214.13	219.64	222.12	225.33	226.33	225.50	225.59	226.26	227.71	230.58	232.95
<b>Total Primary Demand</b>	<b>1 241.56</b>	<b>1 193.28</b>	<b>1 190.21</b>	<b>1 168.50</b>	<b>1 176.54</b>	<b>1 235.84</b>	<b>1 249.56</b>	<b>1 247.66</b>	<b>1 232.01</b>	<b>1 227.34</b>	<b>1 231.56</b>	<b>1 237.83</b>	<b>1 253.60</b>	<b>1 264.99</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	392.14	407.52	366.84	343.30	340.78	348.22	346.21	340.92	329.40	323.90	321.83	317.77	319.73	316.66
RPP	396.54	392.45	394.26	394.66	417.42	431.34	441.85	446.64	440.76	440.91	443.68	447.58	452.92	458.69
Coal, Coke and Coke Oven Gas	15.28	19.42	19.61	21.32	21.35	27.25	29.44	29.32	29.49	30.43	31.42	31.86	32.06	32.46
Hydro	216.89	177.24	212.51	205.60	197.57	213.10	219.48	219.48	219.48	219.48	221.42	221.42	221.42	222.89
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	220.71	196.66	196.99	203.62	199.42	215.92	212.58	211.30	212.87	212.62	213.22	219.21	227.48	234.29

<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>9.82</b>	<b>9.48</b>	<b>9.24</b>	<b>8.89</b>	<b>8.85</b>	<b>8.43</b>	<b>8.24</b>	<b>8.02</b>	<b>7.84</b>	<b>7.66</b>	<b>7.50</b>	<b>7.35</b>	<b>7.22</b>	<b>7.11</b>
Residential (PJ/Personal Income)	1.47	1.44	1.44	1.38	1.36	1.38	1.36	1.34	1.32	1.30	1.28	1.25	1.23	1.20
Commercial (PJ/GO)	1.04	1.07	1.07	0.91	0.88	0.93	0.91	0.90	0.87	0.85	0.83	0.81	0.79	0.77
Industrial (PJ/GO)	7.30	7.38	7.19	6.15	6.13	5.45	5.15	4.90	4.73	4.57	4.43	4.29	4.19	4.09
Transportation (PJ/GDP)	2.78	2.64	2.65	2.60	2.71	2.69	2.67	2.64	2.59	2.54	2.51	2.47	2.43	2.41

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>405.09</b>	<b>411.33</b>	<b>417.50</b>	<b>423.19</b>	<b>429.06</b>	<b>435.42</b>	<b>443.00</b>	<b>449.66</b>	<b>455.08</b>	<b>460.92</b>	<b>467.23</b>	<b>473.03</b>	<b>479.35</b>	<b>485.10</b>	<b>490.26</b>	<b>495.32</b>	<b>500.58</b>
49.89	50.59	51.30	52.01	52.74	53.48	54.23	54.99	55.76	56.54	57.33	58.13	58.95	59.77	60.61	61.46	62.32
150.57	153.21	155.02	157.06	159.03	161.32	164.49	166.81	168.18	170.10	172.53	174.65	176.75	178.56	180.21	181.87	183.81
0.51	0.52	0.53	0.53	0.54	0.55	0.56	0.56	0.57	0.58	0.59	0.59	0.60	0.61	0.61	0.62	0.62
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.09	10.19	10.29	10.39	10.50	10.60	10.71	10.81	10.92	11.03	11.14	11.25	11.37	11.48	11.60	11.71	11.83
3.02	2.98	2.95	2.93	2.91	2.90	2.90	2.90	2.90	2.91	2.92	2.93	2.95	2.97	2.98	3.00	3.02
2.67	2.74	2.82	2.89	2.96	3.03	3.11	3.18	3.25	3.32	3.39	3.46	3.54	3.61	3.67	3.74	3.81
188.29	191.05	194.56	197.34	200.36	203.51	206.97	210.38	213.46	216.42	219.31	221.99	225.19	228.09	230.58	232.92	235.17
0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1189.90	1200.35	1211.10	1218.75	1226.46	1236.77	1250.59	1257.91	1265.16	1272.32	1282.31	1291.92	1303.26	1311.60	1317.17	1322.89	1330.66
312.91	315.65	317.82	319.72	334.17	335.67	337.10	338.38	339.58	340.75	341.97	343.21	344.51	345.70	346.78	347.87	349.01
233.96	235.73	237.81	239.21	240.40	241.92	243.96	244.85	245.11	245.13	245.58	246.10	247.13	247.26	246.64	246.08	245.86
<b>1 268.85</b>	<b>1 280.27</b>	<b>1 291.11</b>	<b>1 299.26</b>	<b>1 320.23</b>	<b>1 330.51</b>	<b>1 343.74</b>	<b>1 351.45</b>	<b>1 359.63</b>	<b>1 367.94</b>	<b>1 378.70</b>	<b>1 389.02</b>	<b>1 400.65</b>	<b>1 410.04</b>	<b>1 417.31</b>	<b>1 424.67</b>	<b>1 433.81</b>
312.84	311.16	310.67	309.51	305.72	305.09	305.66	304.22	306.15	307.75	309.84	311.57	313.49	315.59	317.38	319.00	321.01
462.36	469.54	476.39	483.00	489.65	496.93	505.74	513.26	519.17	525.72	532.91	539.51	546.76	553.31	559.20	565.04	571.25
32.69	33.13	33.53	33.64	33.72	33.74	33.85	33.92	33.85	33.68	33.89	33.94	34.04	34.04	34.10	34.07	34.16
222.89	224.21	224.21	224.21	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85	239.85
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
238.06	242.23	246.32	248.89	251.29	254.91	258.63	260.21	260.62	260.95	262.21	264.15	266.51	267.25	266.78	266.71	267.55

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>7.00</b>	<b>6.89</b>	<b>6.79</b>	<b>6.69</b>	<b>6.59</b>	<b>6.50</b>	<b>6.42</b>	<b>6.33</b>	<b>6.25</b>	<b>6.17</b>	<b>6.10</b>	<b>6.03</b>	<b>5.96</b>	<b>5.89</b>	<b>5.82</b>	<b>5.74</b>	<b>5.67</b>
1.18	1.16	1.14	1.12	1.10	1.08	1.06	1.04	1.02	1.01	0.99	0.97	0.95	0.94	0.92	0.91	0.89
0.76	0.75	0.73	0.72	0.71	0.70	0.69	0.68	0.68	0.67	0.66	0.66	0.65	0.64	0.64	0.63	0.62
4.00	3.90	3.83	3.74	3.67	3.61	3.54	3.47	3.43	3.38	3.34	3.31	3.28	3.25	3.22	3.18	3.15
2.38	2.36	2.34	2.32	2.30	2.29	2.27	2.26	2.25	2.23	2.22	2.21	2.19	2.18	2.17	2.15	2.13





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>91.31</b>	<b>89.69</b>	<b>88.94</b>	<b>93.46</b>	<b>96.91</b>	<b>97.10</b>	<b>99.42</b>	<b>100.41</b>	<b>100.34</b>	<b>99.68</b>	<b>98.86</b>	<b>100.05</b>	<b>99.38</b>	<b>99.46</b>
Aviation Fuel	7.87	7.54	7.09	7.68	6.37	6.48	6.59	6.70	6.82	6.93	7.05	7.17	7.29	7.42
Diesel	32.43	31.66	30.79	33.79	37.11	37.21	38.45	38.85	39.46	39.17	38.75	39.59	39.05	39.08
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.57	0.48	0.30	0.33	0.32	0.30	0.29	0.27	0.24	0.22	0.21	0.19	0.17	0.15
Lubricants	0.52	0.52	0.63	0.66	0.54	0.55	0.57	0.59	0.60	0.60	0.61	0.63	0.64	0.65
Motor Gasoline	49.89	49.46	50.10	50.97	52.52	52.51	53.48	53.95	53.18	52.72	52.21	52.44	52.19	52.13
Natural Gas	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03
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<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	257.38	246.31	256.50	256.09	261.59	264.25	269.78	271.36	269.40	267.17	264.27	265.91	264.81	264.53
Total Electric and Steam Energy Demand for Generation	124.29	123.71	108.03	83.25	103.47	117.41	115.88	118.33	117.70	117.35	118.16	118.88	127.98	128.90
Less Electricity and Steam Secondary Demand	57.55	58.10	59.75	61.85	62.64	63.58	65.35	66.18	66.05	65.86	65.51	66.06	66.36	66.48
<b>Total Primary Demand</b>	<b>324.12</b>	<b>311.92</b>	<b>304.78</b>	<b>277.49</b>	<b>302.42</b>	<b>318.08</b>	<b>320.31</b>	<b>323.51</b>	<b>321.05</b>	<b>318.66</b>	<b>316.93</b>	<b>318.73</b>	<b>326.44</b>	<b>326.95</b>
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<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	86.67	76.45	84.80	79.05	80.80	84.06	85.08	84.88	82.46	81.18	79.67	79.12	78.90	78.29
RPP	102.95	101.79	101.71	104.83	107.59	109.19	110.42	112.96	114.68	112.72	111.66	112.93	112.06	112.12
Coal, Coke and Coke Oven Gas	12.64	7.07	6.18	12.26	7.49	10.97	10.93	10.88	8.22	8.19	8.14	8.14	10.79	10.80
Hydro	113.50	118.40	103.72	72.86	97.96	104.78	104.78	104.78	104.78	104.78	104.78	104.78	109.84	109.84
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	8.36	8.21	8.37	8.49	8.58	9.09	9.09	10.01	10.91	11.79	12.68	13.75	14.85	15.91
<hr/>														
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>7.89</b>	<b>7.39</b>	<b>7.52</b>	<b>7.48</b>	<b>7.43</b>	<b>7.27</b>	<b>7.18</b>	<b>7.07</b>	<b>6.90</b>	<b>6.77</b>	<b>6.64</b>	<b>6.52</b>	<b>6.39</b>	<b>6.28</b>
Residential (PJ/Personal Income)	1.88	1.78	1.84	1.83	1.80	1.81	1.79	1.77	1.74	1.72	1.69	1.66	1.63	1.60
Commercial (PJ/GO)	1.77	1.56	1.66	1.51	1.49	1.48	1.45	1.42	1.37	1.34	1.31	1.27	1.24	1.22
Industrial (PJ/GO)	2.43	2.27	2.33	2.29	2.25	2.20	2.14	2.07	1.99	1.94	1.90	1.84	1.82	1.79
Transportation (PJ/GDP)	2.80	2.69	2.61	2.73	2.75	2.67	2.65	2.61	2.57	2.52	2.48	2.45	2.40	2.36

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



## National Energy Board

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>99.39</b>	<b>100.03</b>	<b>100.60</b>	<b>99.46</b>	<b>100.16</b>	<b>100.82</b>	<b>101.57</b>	<b>102.89</b>	<b>103.43</b>	<b>103.95</b>	<b>104.49</b>	<b>105.02</b>	<b>105.85</b>	<b>106.58</b>	<b>107.14</b>	<b>107.74</b>	<b>108.38</b>
7.54	7.67	7.80	7.94	8.07	8.21	8.35	8.49	8.63	8.78	8.93	9.08	9.24	9.39	9.55	9.71	9.88
39.04	39.36	39.55	38.49	38.67	38.91	39.23	39.61	39.75	39.89	40.08	40.30	40.61	40.86	41.06	41.31	41.60
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.14	0.12	0.11	0.10	0.09	0.08	0.07	0.06	0.06	0.05	0.04	0.04	0.04	0.03	0.03	0.02	0.02
0.66	0.67	0.68	0.69	0.70	0.72	0.73	0.75	0.76	0.77	0.78	0.79	0.81	0.82	0.83	0.84	0.85
51.98	52.17	52.42	52.21	52.59	52.88	53.16	53.95	54.20	54.42	54.62	54.78	55.14	55.44	55.64	55.83	55.99
0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
263.61	264.47	265.33	263.36	264.24	265.02	266.37	268.50	268.26	268.42	268.60	268.94	269.87	270.44	270.70	271.01	271.57
129.82	130.74	131.63	132.19	141.82	143.33	143.98	179.91	180.67	181.43	182.19	182.95	183.71	184.46	185.22	185.98	186.74
66.38	66.57	66.79	66.72	66.81	66.86	67.06	67.24	66.82	66.57	66.29	66.05	65.92	65.66	65.29	64.92	64.60
<b>327.06</b>	<b>328.65</b>	<b>330.17</b>	<b>328.83</b>	<b>339.25</b>	<b>341.50</b>	<b>343.28</b>	<b>381.18</b>	<b>382.11</b>	<b>383.28</b>	<b>384.50</b>	<b>385.84</b>	<b>387.66</b>	<b>389.24</b>	<b>390.63</b>	<b>392.07</b>	<b>393.71</b>
77.52	77.37	77.27	76.85	76.36	76.26	76.47	76.95	76.58	76.47	76.33	76.30	76.39	76.43	76.49	76.52	76.66
111.99	112.67	113.25	111.38	111.07	111.75	112.42	113.64	114.15	114.65	115.20	115.76	116.64	117.40	117.98	118.63	119.34
10.80	10.81	10.83	10.84	8.22	8.25	8.28	8.29	8.29	8.28	8.28	8.29	8.31	8.31	8.31	8.30	8.31
109.84	109.84	109.84	109.84	122.83	123.49	123.49	158.80	158.80	158.80	158.80	158.80	158.80	158.80	158.80	158.80	158.80
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16.91	17.96	18.99	19.92	20.77	21.75	22.63	23.49	24.29	25.07	25.88	26.69	27.52	28.30	29.05	29.81	30.60

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>6.19</b>	<b>6.12</b>	<b>6.04</b>	<b>5.95</b>	<b>5.87</b>	<b>5.80</b>	<b>5.73</b>	<b>5.64</b>	<b>5.57</b>	<b>5.52</b>	<b>5.46</b>	<b>5.40</b>	<b>5.35</b>	<b>5.29</b>	<b>5.24</b>	<b>5.19</b>	<b>5.13</b>
1.57	1.55	1.52	1.50	1.47	1.44	1.41	1.38	1.36	1.34	1.31	1.29	1.27	1.25	1.22	1.20	1.18
1.19	1.18	1.16	1.14	1.12	1.11	1.09	1.07	1.05	1.04	1.03	1.01	1.00	0.99	0.98	0.97	0.96
1.76	1.72	1.70	1.70	1.67	1.65	1.63	1.60	1.58	1.56	1.54	1.52	1.50	1.49	1.47	1.45	1.43
2.33	2.31	2.29	2.25	2.22	2.21	2.19	2.16	2.15	2.14	2.12	2.11	2.10	2.09	2.07	2.06	2.05

Table A2.33: Demand, Fortified Islands, New Brunswick

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	23.94	24.24	23.62	22.86	21.35	19.49	17.47	18.83	19.98	21.59	22.02	21.93	25.09	25.39
Natural Gas	9.71	9.81	9.49	9.37	9.64	10.53	11.51	12.77	15.12	15.49	15.35	15.20	15.04	14.87
Light Fuel Oil	13.40	13.15	12.25	13.93	13.87	17.51	18.66	18.46	18.86	19.30	19.13	18.94	18.74	18.53
<b>Commercial</b>														
Electricity	25.73	25.34	28.23	25.49	23.67	21.84	19.67	21.43	22.92	24.99	25.57	25.50	29.55	29.96
Natural Gas	7.20	7.18	6.53	6.67	6.87	7.95	9.12	10.48	12.85	13.24	13.12	12.99	12.85	12.71
Light Fuel Oil	13.40	13.15	12.25	13.93	14.10	17.73	18.86	18.66	19.05	19.49	19.31	19.13	18.92	18.71
<b>Industrial</b>														
Electricity	16.58	19.82	14.22	13.96	13.50	12.42	11.32	12.21	12.95	14.08	14.39	14.35	16.57	16.79
Natural Gas	4.61	4.69	5.23	5.21	5.33	6.52	7.80	9.21	11.59	11.99	11.88	11.77	11.64	11.51
Heavy Fuel Oil	9.36	9.17	8.54	9.72	9.77	13.70	15.14	15.08	15.51	15.98	15.84	15.68	15.51	15.34
<b>Transportation</b>														
Gasoline	28.80	28.43	28.82	28.82	28.82	31.43	31.55	30.82	31.10	31.44	31.15	30.85	30.52	30.18
Diesel	23.69	25.04	22.22	21.89	21.89	24.98	25.57	25.09	25.42	25.81	25.57	25.33	25.06	24.78

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>267.68</b>	<b>257.69</b>	<b>263.81</b>	<b>259.64</b>	<b>271.60</b>	<b>253.46</b>	<b>253.14</b>	<b>251.91</b>	<b>248.08</b>	<b>245.64</b>	<b>244.49</b>	<b>245.79</b>	<b>247.96</b>	<b>250.21</b>
RPP <sup>1,2</sup>	156.56	152.33	150.45	150.12	152.91	141.78	141.56	141.02	138.53	137.69	137.73	138.44	139.33	140.52
Electric	56.47	53.89	53.87	53.07	59.31	55.40	56.22	56.47	55.79	55.24	55.03	55.35	55.72	56.01
Natural Gas	0.34	0.34	2.76	2.42	3.57	3.17	3.25	3.29	3.28	3.25	3.25	3.26	3.26	3.26
Biofuels & Emerging Energy <sup>3</sup>	48.08	45.11	50.85	48.10	49.71	47.44	46.72	46.04	45.63	44.80	44.07	44.54	45.61	46.55
Other <sup>4</sup>	6.23	6.03	5.88	5.94	6.10	5.67	5.39	5.09	4.86	4.65	4.40	4.21	4.04	3.86
<b>Residential Sector</b>	<b>33.18</b>	<b>31.85</b>	<b>33.14</b>	<b>33.56</b>	<b>34.19</b>	<b>34.06</b>	<b>34.83</b>	<b>35.50</b>	<b>35.25</b>	<b>35.21</b>	<b>35.46</b>	<b>35.67</b>	<b>35.88</b>	<b>35.97</b>
Biomass	6.39	6.44	6.63	6.54	6.65	6.63	6.72	6.81	6.75	6.73	6.78	6.82	6.93	7.01
Electricity	17.92	17.87	18.68	19.26	19.87	19.82	20.44	20.97	20.88	20.89	21.08	21.25	21.43	21.54
Natural Gas	0.00	0.00	0.00	0.57	0.76	0.73	0.75	0.76	0.75	0.76	0.76	0.77	0.78	0.78
RPP	8.87	7.54	7.84	7.18	6.91	6.88	6.92	6.96	6.87	6.83	6.84	6.82	6.74	6.65
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Commercial Sector</b>	<b>19.47</b>	<b>18.64</b>	<b>18.59</b>	<b>20.00</b>	<b>25.32</b>	<b>21.61</b>	<b>21.91</b>	<b>22.00</b>	<b>21.63</b>	<b>21.27</b>	<b>21.37</b>	<b>21.43</b>	<b>21.54</b>	<b>21.63</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	10.23	9.87	9.86	10.24	10.47	9.81	9.91	9.89	9.66	9.44	9.41	9.34	9.26	9.18
Natural Gas	0.00	0.00	0.00	0.81	0.96	0.82	0.87	0.90	0.91	0.90	0.92	0.93	0.93	0.93
RPP	9.24	8.77	8.73	8.95	13.90	10.98	11.13	11.21	11.06	10.93	11.05	11.16	11.34	11.52
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Industrial Sector</b>	<b>138.19</b>	<b>131.07</b>	<b>136.07</b>	<b>130.19</b>	<b>134.53</b>	<b>121.54</b>	<b>119.71</b>	<b>117.64</b>	<b>115.88</b>	<b>114.69</b>	<b>113.46</b>	<b>114.40</b>	<b>115.94</b>	<b>117.82</b>
Biomass	41.69	38.67	44.22	41.56	43.06	40.81	40.00	39.23	38.88	38.07	37.29	37.71	38.68	39.54
Coal, Coke & Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	28.32	26.15	25.34	23.56	28.97	25.77	25.87	25.61	25.25	24.92	24.55	24.75	25.03	25.30
Natural Gas	0.34	0.34	2.76	1.03	1.85	1.62	1.63	1.63	1.61	1.60	1.57	1.56	1.56	1.55
LPG & Petroleum Feedstocks	15.88	15.49	14.92	15.42	15.54	13.51	13.66	13.87	13.90	14.33	14.79	15.30	15.73	16.41
RPP	32.92	26.35	24.91	25.56	24.81	22.20	21.42	20.54	19.83	19.34	18.78	18.45	18.23	17.99
Still Gas & Petroleum Coke	12.82	18.05	18.05	17.11	14.20	11.95	11.74	11.67	11.54	11.79	12.08	12.41	12.68	13.18
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	6.23	6.03	5.88	5.94	6.10	5.67	5.39	5.10	4.86	4.65	4.40	4.21	4.04	3.86

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
26.03	26.03	26.09	26.18	26.33	25.71	26.06	26.51	27.05	27.68	28.44	29.25	28.31	29.41	30.68	32.13	33.41
14.71	14.57	14.44	14.33	14.23	14.14	14.08	14.02	13.98	13.93	13.88	13.83	13.78	13.73	13.68	13.64	13.59
18.33	18.15	18.00	17.86	17.73	17.63	17.55	17.48	17.42	17.36	17.30	17.24	17.18	17.11	17.06	16.99	16.94
30.81	30.84	30.95	31.09	31.30	30.54	31.00	31.60	32.30	33.13	34.11	35.16	33.98	35.40	37.03	38.90	40.55
12.57	12.45	12.35	12.25	12.16	12.09	12.03	11.99	11.95	11.90	11.86	11.82	11.78	11.74	11.70	11.66	11.62
18.51	18.33	18.18	18.04	17.90	17.80	17.72	17.65	17.59	17.53	17.47	17.40	17.34	17.28	17.22	17.16	17.10
17.26	17.27	17.32	17.40	17.51	17.09	17.34	17.66	18.05	18.50	19.03	19.61	18.96	19.73	20.62	21.65	22.55
11.39	11.28	11.18	11.09	11.01	10.95	10.90	10.86	10.82	10.78	10.74	10.71	10.67	10.63	10.59	10.56	10.52
15.18	15.03	14.90	14.79	14.68	14.59	14.53	14.47	14.42	14.37	14.32	14.27	14.22	14.17	14.12	14.07	14.02
29.85	29.56	29.32	29.09	28.87	28.71	28.58	28.47	28.37	28.27	28.17	28.07	27.97	27.87	27.78	27.68	27.58
24.51	24.27	24.07	23.88	23.71	23.57	23.46	23.37	23.29	23.21	23.13	23.05	22.97	22.88	22.80	22.72	22.65

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>250.55</b>	<b>252.42</b>	<b>253.87</b>	<b>255.43</b>	<b>256.20</b>	<b>257.80</b>	<b>259.61</b>	<b>260.19</b>	<b>260.21</b>	<b>260.48</b>	<b>261.42</b>	<b>262.32</b>	<b>264.14</b>	<b>265.12</b>	<b>265.37</b>	<b>265.70</b>	<b>266.57</b>
140.75	142.30	143.35	144.75	145.47	146.56	147.76	148.51	149.17	150.16	151.44	152.54	154.12	155.50	156.65	157.79	159.19
55.89	55.99	56.11	56.14	56.06	56.15	56.28	56.18	55.91	55.60	55.42	55.22	55.23	55.04	54.65	54.24	53.91
3.25	3.25	3.26	3.27	3.26	3.26	3.27	3.27	3.26	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.33
46.99	47.37	47.79	48.06	48.35	48.89	49.47	49.53	49.29	48.99	48.92	48.99	49.26	49.12	48.68	48.33	48.16
3.67	3.50	3.36	3.21	3.07	2.94	2.83	2.71	2.59	2.48	2.38	2.30	2.24	2.17	2.10	2.03	1.98
<b>35.96</b>	<b>36.13</b>	<b>36.36</b>	<b>36.48</b>	<b>36.55</b>	<b>36.64</b>	<b>36.73</b>	<b>36.85</b>	<b>36.90</b>	<b>36.94</b>	<b>36.99</b>	<b>36.97</b>	<b>37.06</b>	<b>37.09</b>	<b>37.05</b>	<b>36.98</b>	<b>36.89</b>
7.07	7.17	7.28	7.37	7.44	7.51	7.58	7.66	7.72	7.78	7.85	7.89	7.96	8.02	8.06	8.11	8.15
21.55	21.68	21.82	21.91	21.95	22.02	22.07	22.14	22.15	22.15	22.15	22.09	22.11	22.08	22.00	21.88	21.74
0.79	0.80	0.81	0.81	0.82	0.83	0.83	0.84	0.85	0.86	0.87	0.87	0.88	0.89	0.90	0.92	0.93
6.54	6.49	6.45	6.40	6.34	6.29	6.24	6.21	6.18	6.15	6.13	6.11	6.10	6.09	6.08	6.08	6.07
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>21.65</b>	<b>21.75</b>	<b>21.90</b>	<b>22.06</b>	<b>22.17</b>	<b>22.32</b>	<b>22.50</b>	<b>22.67</b>	<b>22.82</b>	<b>22.94</b>	<b>23.19</b>	<b>23.33</b>	<b>23.53</b>	<b>23.71</b>	<b>23.87</b>	<b>23.98</b>	<b>24.12</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9.06	8.99	8.93	8.88	8.81	8.77	8.73	8.71	8.67	8.63	8.64	8.61	8.60	8.59	8.58	8.54	8.52
0.93	0.94	0.94	0.95	0.95	0.95	0.95	0.94	0.94	0.93	0.94	0.93	0.93	0.93	0.93	0.92	0.91
11.65	11.83	12.03	12.24	12.42	12.61	12.82	13.02	13.20	13.38	13.61	13.79	13.99	14.19	14.37	14.52	14.69
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>118.10</b>	<b>119.16</b>	<b>119.77</b>	<b>120.58</b>	<b>120.92</b>	<b>121.77</b>	<b>122.80</b>	<b>122.70</b>	<b>122.19</b>	<b>121.85</b>	<b>121.89</b>	<b>122.16</b>	<b>122.95</b>	<b>123.14</b>	<b>122.80</b>	<b>122.65</b>	<b>122.96</b>
39.92	40.20	40.51	40.70	40.91	41.37	41.89	41.87	41.57	41.21	41.07	41.09	41.29	41.10	40.61	40.22	40.01
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.28	25.33	25.36	25.36	25.29	25.37	25.48	25.34	25.08	24.82	24.64	24.52	24.52	24.36	24.07	23.82	23.65
1.53	1.52	1.51	1.50	1.49	1.49	1.49	1.48	1.47	1.46	1.46	1.46	1.47	1.47	1.47	1.48	1.49
16.69	17.28	17.63	18.16	18.49	18.84	19.19	19.42	19.64	19.92	20.21	20.45	20.79	21.10	21.39	21.68	22.03
17.65	17.52	17.34	17.17	16.93	16.77	16.66	16.44	16.23	16.11	16.06	16.05	16.11	16.12	16.11	16.13	16.21
13.36	13.81	14.06	14.48	14.73	14.99	15.26	15.44	15.61	15.84	16.07	16.27	16.54	16.80	17.05	17.29	17.59
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.67	3.50	3.36	3.21	3.07	2.94	2.83	2.71	2.59	2.48	2.38	2.30	2.24	2.17	2.10	2.03	1.98

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>76.84</b>	<b>76.13</b>	<b>76.01</b>	<b>75.88</b>	<b>77.55</b>	<b>76.26</b>	<b>76.69</b>	<b>76.77</b>	<b>75.33</b>	<b>74.47</b>	<b>74.19</b>	<b>74.29</b>	<b>74.61</b>	<b>74.79</b>
Aviation Fuel	3.07	2.90	2.25	2.40	2.43	2.47	2.50	2.53	2.56	2.60	2.63	2.66	2.70	2.73
Diesel	37.15	35.88	35.50	34.92	36.57	35.66	36.09	36.21	35.61	35.33	35.24	35.38	35.63	35.81
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.45	0.78	0.80	0.78	0.85	0.86	0.86	0.87	0.88	0.89	0.90	0.91	0.92	0.93
LPG	0.11	0.13	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
Lubricants	0.42	0.34	0.31	0.23	0.25	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28
Motor Gasoline	35.64	36.10	37.12	37.53	37.43	37.01	36.96	36.87	35.99	35.38	35.14	35.05	35.07	35.02
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	267.68	257.69	263.81	259.64	271.60	253.47	253.14	251.91	248.08	245.64	244.49	245.79	247.96	250.21
Total Electric and Steam Energy Demand for Generation	181.37	202.82	175.42	177.22	220.55	184.60	199.10	190.54	165.11	108.38	150.43	155.29	148.51	148.39
Less Electricity and Steam Secondary Demand	62.71	59.92	59.75	59.00	65.41	61.07	61.61	61.56	60.65	59.90	59.44	59.56	59.76	59.87
<b>Total Primary Demand</b>	<b>386.35</b>	<b>400.60</b>	<b>379.47</b>	<b>377.86</b>	<b>426.73</b>	<b>377.00</b>	<b>390.63</b>	<b>380.88</b>	<b>352.54</b>	<b>294.13</b>	<b>335.48</b>	<b>341.52</b>	<b>336.71</b>	<b>338.73</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	0.34	0.34	2.76	2.42	17.11	15.60	15.67	15.71	15.70	15.68	15.68	15.68	15.69	15.69
RPP	243.75	253.96	233.93	220.72	263.49	203.47	217.75	207.97	197.49	190.65	193.05	190.34	186.53	187.61
Coal, Coke and Coke Oven Gas	36.40	41.13	40.26	39.97	35.71	37.65	37.65	37.65	34.10	26.34	26.34	24.22	21.88	21.63
Hydro	11.85	7.63	8.10	11.63	10.84	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08
Nuclear	45.93	52.43	43.58	55.01	49.87	58.18	58.18	58.18	43.63	0.00	39.03	48.75	48.36	47.93
Biofuels & Emerging Energy	48.08	45.11	50.85	48.10	49.71	52.02	51.30	51.29	51.54	51.38	51.30	52.44	54.17	55.78
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>14.15</b>	<b>13.44</b>	<b>13.34</b>	<b>13.20</b>	<b>13.34</b>	<b>12.40</b>	<b>12.07</b>	<b>11.81</b>	<b>11.61</b>	<b>11.46</b>	<b>11.23</b>	<b>11.09</b>	<b>10.96</b>	<b>10.88</b>
Residential (PJ/Personal Income)	2.00	1.91	2.01	2.04	2.05	2.01	2.01	1.99	1.97	1.96	1.94	1.91	1.88	1.85
Commercial (PJ/GO)	0.92	0.86	0.84	0.92	1.16	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84
Industrial (PJ/GO)	8.34	7.62	7.49	7.67	6.26	6.20	6.03	5.88	5.77	5.65	5.53	5.45	5.38	5.33
Transportation (PJ/GDP)	4.06	3.97	3.84	3.86	3.81	3.73	3.66	3.60	3.53	3.47	3.41	3.35	3.30	3.25

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

## National Energy Board

## Canada's Energy Future – Appendices

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>74.85</b>	<b>75.37</b>	<b>75.84</b>	<b>76.30</b>	<b>76.56</b>	<b>77.06</b>	<b>77.58</b>	<b>77.97</b>	<b>78.30</b>	<b>78.75</b>	<b>79.35</b>	<b>79.87</b>	<b>80.59</b>	<b>81.19</b>	<b>81.65</b>	<b>82.10</b>	<b>82.60</b>
2.77	2.81	2.84	2.88	2.92	2.95	2.99	3.03	3.07	3.11	3.15	3.19	3.23	3.28	3.32	3.36	3.41
35.88	36.23	36.48	36.70	36.82	37.05	37.32	37.45	37.56	37.79	38.12	38.45	38.85	39.18	39.44	39.72	40.07
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.94	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.08	1.09	1.10
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.29	0.29	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.36	0.37	0.37	0.38
34.97	35.09	35.26	35.45	35.54	35.75	35.95	36.16	36.32	36.49	36.70	36.83	37.10	37.31	37.44	37.55	37.65
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
250.55	252.42	253.87	255.43	256.20	257.80	259.61	260.19	260.21	260.48	261.42	262.32	264.14	265.12	265.37	265.70	266.57
147.67	148.36	152.90	154.55	154.52	155.49	155.70	155.56	154.66	153.81	179.03	179.22	179.10	177.79	172.48	172.48	172.55
59.56	59.49	59.47	59.35	59.12	59.09	59.11	58.89	58.50	58.08	57.80	57.52	57.48	57.21	56.74	56.27	55.90
<b>338.66</b>	<b>341.29</b>	<b>347.30</b>	<b>350.63</b>	<b>351.60</b>	<b>354.19</b>	<b>356.20</b>	<b>356.86</b>	<b>356.37</b>	<b>356.21</b>	<b>382.64</b>	<b>384.02</b>	<b>385.76</b>	<b>385.70</b>	<b>381.11</b>	<b>381.91</b>	<b>383.22</b>
15.67	15.68	15.69	15.69	15.68	15.68	15.69	15.69	15.68	15.67	15.69	15.70	15.71	15.72	15.73	15.73	15.75
187.67	190.19	195.98	189.91	190.87	192.95	194.32	195.20	195.55	196.26	166.48	167.59	169.17	170.55	166.26	167.40	168.81
21.15	20.81	20.56	29.67	29.42	29.32	29.24	29.01	28.66	28.28	19.15	19.19	18.82	17.26	22.14	22.14	22.14
10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08	10.08
47.20	46.59	46.10	45.69	45.36	45.15	45.03	44.73	44.25	43.81	108.96	108.88	108.88	108.88	103.88	103.63	103.45
56.88	57.93	58.90	59.59	60.20	61.01	61.84	62.14	62.15	62.10	62.27	62.59	63.11	63.22	63.02	62.91	62.99

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>10.77</b>	<b>10.68</b>	<b>10.57</b>	<b>10.49</b>	<b>10.39</b>	<b>10.31</b>	<b>10.22</b>	<b>10.13</b>	<b>10.03</b>	<b>9.93</b>	<b>9.83</b>	<b>9.74</b>	<b>9.67</b>	<b>9.59</b>	<b>9.49</b>	<b>9.41</b>	<b>9.33</b>
1.82	1.79	1.76	1.73	1.70	1.67	1.64	1.62	1.59	1.56	1.54	1.51	1.49	1.46	1.44	1.41	1.39
0.83	0.82	0.82	0.81	0.80	0.80	0.79	0.79	0.78	0.78	0.78	0.77	0.77	0.77	0.76	0.76	0.75
5.27	5.20	5.14	5.09	5.05	5.01	4.97	4.93	4.88	4.82	4.77	4.72	4.68	4.63	4.58	4.52	4.48
3.22	3.19	3.16	3.13	3.11	3.08	3.06	3.04	3.02	3.00	2.98	2.97	2.95	2.94	2.92	2.91	2.89



2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
22.49	22.26	22.04	20.80	20.39	20.34	20.35	20.24	20.42	20.43	20.49	20.69	20.89	21.09	21.31	21.55	21.79
14.71	14.57	14.44	14.33	14.23	14.14	14.08	14.02	13.98	13.93	13.88	13.83	13.78	13.73	13.68	13.64	13.59
19.09	18.90	18.75	18.60	18.46	18.36	18.28	18.20	18.14	18.08	18.01	17.95	17.89	17.82	17.76	17.70	17.64
19.79	19.61	19.47	18.22	17.86	17.87	17.92	17.85	18.06	18.12	18.22	18.46	18.71	18.95	19.22	19.51	19.80
12.57	12.45	12.35	12.25	12.16	12.09	12.03	11.99	11.95	11.90	11.86	11.82	11.78	11.74	11.70	11.66	11.62
19.28	19.10	18.94	18.79	18.65	18.54	18.46	18.39	18.32	18.26	18.19	18.13	18.07	18.00	17.94	17.88	17.82
14.74	14.71	14.81	12.88	12.54	12.73	12.96	12.96	13.44	13.67	13.98	14.55	15.11	15.64	16.20	16.82	17.41
11.39	11.28	11.18	11.09	11.01	10.95	10.90	10.86	10.82	10.78	10.74	10.71	10.67	10.63	10.59	10.56	10.52
15.70	15.55	15.42	15.30	15.19	15.10	15.03	14.98	14.92	14.87	14.82	14.77	14.71	14.66	14.61	14.56	14.51
31.67	31.36	31.10	30.85	30.63	30.45	30.32	30.20	30.09	29.99	29.88	29.78	29.67	29.57	29.46	29.36	29.26
25.16	24.92	24.72	24.52	24.34	24.20	24.09	24.00	23.92	23.83	23.75	23.66	23.58	23.50	23.42	23.33	23.25

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>172.28</b>	<b>187.58</b>	<b>188.47</b>	<b>202.37</b>	<b>201.00</b>	<b>196.70</b>	<b>197.09</b>	<b>188.85</b>	<b>181.98</b>	<b>174.79</b>	<b>167.18</b>	<b>161.40</b>	<b>156.72</b>	<b>152.48</b>	<b>148.34</b>	<b>144.91</b>	<b>142.20</b>
94.36	97.13	99.46	103.25	103.95	102.95	103.15	99.21	97.46	95.76	93.98	92.69	91.75	90.92	90.12	89.47	89.03
39.32	42.19	42.03	44.65	43.70	42.73	42.67	41.26	39.75	38.15	36.46	35.13	34.01	32.95	31.88	30.93	30.10
25.52	33.82	32.40	39.65	37.36	35.07	35.29	32.64	29.24	25.62	21.72	18.76	16.30	14.16	12.14	10.55	9.33
9.99	10.38	10.55	10.83	10.95	10.93	10.99	10.84	10.71	10.57	10.42	10.31	10.24	10.13	10.00	9.87	9.77
3.09	4.06	4.03	4.00	5.03	5.02	4.99	4.91	4.81	4.70	4.60	4.52	4.43	4.31	4.20	4.09	3.97
<b>26.04</b>	<b>26.89</b>	<b>27.28</b>	<b>28.32</b>	<b>27.89</b>	<b>27.38</b>	<b>27.25</b>	<b>26.33</b>	<b>25.73</b>	<b>25.06</b>	<b>24.31</b>	<b>23.73</b>	<b>23.28</b>	<b>22.86</b>	<b>22.43</b>	<b>21.98</b>	<b>21.55</b>
4.72	4.93	5.03	5.27	5.21	5.13	5.13	4.97	4.87	4.76	4.63	4.53	4.45	4.39	4.31	4.24	4.17
15.13	15.65	15.90	16.58	16.35	16.09	16.04	15.52	15.17	14.80	14.36	14.03	13.77	13.54	13.28	13.03	12.78
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.18	6.31	6.34	6.47	6.32	6.16	6.08	5.84	5.68	5.51	5.32	5.17	5.05	4.94	4.83	4.71	4.60
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>14.70</b>	<b>15.49</b>	<b>15.50</b>	<b>15.96</b>	<b>15.80</b>	<b>15.59</b>	<b>15.55</b>	<b>15.34</b>	<b>15.08</b>	<b>14.81</b>	<b>14.51</b>	<b>14.26</b>	<b>14.03</b>	<b>13.82</b>	<b>13.62</b>	<b>13.44</b>	<b>13.29</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.42	8.93	8.95	9.26	9.18	9.06	9.04	8.91	8.74	8.57	8.39	8.22	8.07	7.93	7.79	7.67	7.55
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.28	6.56	6.55	6.70	6.63	6.53	6.51	6.43	6.33	6.23	6.13	6.04	5.96	5.89	5.83	5.77	5.74
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>73.07</b>	<b>86.47</b>	<b>85.19</b>	<b>94.79</b>	<b>95.04</b>	<b>92.26</b>	<b>92.71</b>	<b>88.69</b>	<b>83.97</b>	<b>79.01</b>	<b>73.81</b>	<b>69.86</b>	<b>66.61</b>	<b>63.67</b>	<b>60.79</b>	<b>58.50</b>	<b>56.76</b>
5.27	5.45	5.51	5.55	5.74	5.79	5.85	5.86	5.84	5.81	5.79	5.78	5.78	5.75	5.68	5.63	5.60
3.09	3.12	3.07	3.01	3.04	2.99	2.94	2.85	2.73	2.60	2.50	2.41	2.31	2.19	2.08	1.97	1.84
15.78	17.60	17.18	18.81	18.17	17.58	17.59	16.83	15.84	14.78	13.71	12.88	12.16	11.48	10.80	10.23	9.77
25.52	33.82	32.40	39.65	37.36	35.07	35.29	32.64	29.24	25.62	21.72	18.76	16.30	14.16	12.14	10.55	9.33
1.52	1.98	1.96	2.30	2.32	2.25	2.28	2.18	2.04	1.90	1.73	1.61	1.52	1.43	1.35	1.29	1.25
11.06	12.25	12.52	12.47	14.13	13.97	13.85	13.21	12.96	12.73	12.54	12.39	12.26	12.11	11.96	11.82	11.70
10.84	11.30	11.58	12.01	12.29	12.57	12.86	13.06	13.24	13.48	13.71	13.91	14.17	14.42	14.65	14.88	15.15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.94	0.96	0.98	2.00	2.02	2.05	2.06	2.08	2.09	2.10	2.11	2.12	2.12	2.12	2.12	2.13

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>49.29</b>	<b>49.23</b>	<b>49.60</b>	<b>52.60</b>	<b>52.32</b>	<b>52.05</b>	<b>53.59</b>	<b>54.29</b>	<b>56.01</b>	<b>55.36</b>	<b>55.08</b>	<b>54.09</b>	<b>56.17</b>	<b>57.60</b>
Aviation Fuel	5.94	5.93	5.26	7.29	7.91	7.92	7.94	7.95	7.97	7.98	8.00	8.02	8.03	8.05
Diesel	22.80	22.75	23.35	24.06	24.37	24.25	25.08	25.43	26.77	26.47	26.32	25.76	27.40	28.21
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lubricants	0.11	0.10	0.11	0.09	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.10
Motor Gasoline	20.42	20.43	20.88	21.16	19.97	19.80	20.49	20.83	21.17	20.81	20.66	20.22	20.64	21.24
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	137.12	140.09	166.57	165.32	154.38	152.65	156.32	164.98	166.84	163.12	161.76	156.66	159.71	167.34
Total Electric and Steam Energy Demand for Generation	165.15	163.75	175.64	165.70	161.75	174.60	177.00	181.13	181.54	179.43	178.33	175.62	172.40	175.96
Less Electricity and Steam Secondary Demand	36.03	35.83	36.32	36.78	35.92	36.28	37.24	38.96	39.09	38.25	37.80	36.68	36.96	38.43
<b>Total Primary Demand</b>	<b>266.24</b>	<b>268.01</b>	<b>305.88</b>	<b>294.25</b>	<b>280.21</b>	<b>290.98</b>	<b>296.08</b>	<b>307.15</b>	<b>309.29</b>	<b>304.30</b>	<b>302.29</b>	<b>295.59</b>	<b>295.15</b>	<b>304.87</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	6.48	6.98	28.04	21.42	18.47	19.93	20.67	26.72	26.44	24.60	24.13	21.27	21.06	24.80
RPP	92.46	108.09	113.87	113.90	104.36	112.68	116.76	121.20	123.28	120.28	118.70	114.88	115.10	120.31
Coal, Coke and Coke Oven Gas	4.57	3.47	3.48	4.14	3.73	3.47	3.54	3.47	3.49	3.34	3.24	3.19	3.17	3.14
Hydro	154.23	141.20	150.66	144.94	144.31	145.41	145.54	145.82	145.79	145.58	145.46	145.22	144.28	144.48
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	8.51	8.27	9.83	9.85	9.35	9.49	9.57	9.94	10.28	10.51	10.76	11.04	11.54	12.14
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>11.36</b>	<b>11.43</b>	<b>12.27</b>	<b>11.90</b>	<b>10.96</b>	<b>10.93</b>	<b>10.55</b>	<b>10.80</b>	<b>10.52</b>	<b>10.26</b>	<b>10.09</b>	<b>9.90</b>	<b>9.78</b>	<b>9.77</b>
Residential (PJ/Personal Income)	1.95	1.98	2.09	2.01	1.87	1.97	1.95	1.92	1.90	1.87	1.84	1.82	1.78	1.76
Commercial (PJ/GO)	0.91	0.96	1.01	1.08	1.05	1.03	1.01	1.00	0.98	0.96	0.94	0.93	0.92	0.90
Industrial (PJ/GO)	7.02	6.65	8.63	8.66	6.86	6.51	6.42	6.79	6.08	5.83	5.72	5.45	4.81	5.06
Transportation (PJ/GDP)	4.08	4.02	3.65	3.79	3.71	3.73	3.62	3.55	3.53	3.48	3.44	3.42	3.44	3.36

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>58.48</b>	<b>58.73</b>	<b>60.51</b>	<b>63.29</b>	<b>62.27</b>	<b>61.47</b>	<b>61.58</b>	<b>58.48</b>	<b>57.20</b>	<b>55.91</b>	<b>54.54</b>	<b>53.56</b>	<b>52.79</b>	<b>52.12</b>	<b>51.49</b>	<b>50.99</b>	<b>50.60</b>
8.06	8.08	8.10	8.11	8.13	8.15	8.16	8.18	8.19	8.21	8.23	8.24	8.26	8.28	8.29	8.31	8.33
28.73	28.14	29.52	31.07	30.39	29.94	30.05	27.82	27.08	26.37	25.65	25.17	24.77	24.44	24.14	23.92	23.79
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.11	0.11	0.12	0.12	0.11	0.12	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10
21.58	22.39	22.78	23.98	23.63	23.26	23.25	22.37	21.82	21.22	20.56	20.05	19.66	19.31	18.96	18.66	18.39
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
172.28	187.58	188.47	202.37	201.00	196.70	197.09	188.85	181.98	174.79	167.18	161.40	156.72	152.48	148.34	144.91	142.20
177.93	225.51	225.59	229.01	228.42	226.85	224.21	222.29	219.45	216.39	213.39	211.05	209.14	207.39	205.67	204.11	202.76
39.32	43.12	42.99	45.63	45.70	44.75	44.72	43.32	41.83	40.24	38.56	37.24	36.12	35.07	34.00	33.05	32.23
<b>310.89</b>	<b>369.96</b>	<b>371.07</b>	<b>385.75</b>	<b>383.72</b>	<b>378.80</b>	<b>376.58</b>	<b>367.82</b>	<b>359.59</b>	<b>350.93</b>	<b>342.00</b>	<b>335.22</b>	<b>329.73</b>	<b>324.80</b>	<b>320.00</b>	<b>315.97</b>	<b>312.73</b>
27.64	35.99	34.55	41.84	39.53	37.23	44.90	42.23	38.60	34.49	29.99	26.53	23.83	21.32	18.44	16.07	14.03
122.96	129.85	131.79	138.24	138.33	135.78	125.72	119.98	115.77	111.64	107.65	104.63	102.19	100.18	98.70	97.43	96.57
3.09	3.12	3.07	3.01	3.04	2.99	2.94	2.85	2.73	2.60	2.50	2.41	2.31	2.19	2.08	1.97	1.84
144.59	187.60	187.79	188.18	188.01	187.84	187.82	187.34	187.07	186.79	186.57	186.30	186.01	185.74	185.49	185.49	185.29
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.62	13.40	13.86	14.48	14.81	14.96	15.19	15.16	15.15	15.12	15.08	15.08	15.10	15.09	15.04	15.01	15.01

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>9.75</b>	<b>9.91</b>	<b>9.80</b>	<b>9.83</b>	<b>9.88</b>	<b>9.82</b>	<b>9.77</b>	<b>9.73</b>	<b>9.65</b>	<b>9.55</b>	<b>9.45</b>	<b>9.35</b>	<b>9.28</b>	<b>9.21</b>	<b>9.13</b>	<b>9.06</b>	<b>8.98</b>
1.73	1.70	1.67	1.63	1.61	1.59	1.57	1.56	1.55	1.53	1.52	1.51	1.50	1.48	1.47	1.45	1.42
0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.83	0.83	0.82	0.82	0.81	0.81	0.80	0.80	0.79
5.22	6.82	6.01	6.36	6.43	6.28	6.27	6.77	6.55	6.29	5.98	5.72	5.48	5.27	5.07	4.89	4.74
3.31	3.10	3.15	3.07	3.06	3.07	3.05	3.01	3.03	3.06	3.08	3.10	3.13	3.15	3.17	3.19	3.20



2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
115.86	116.10	121.74	131.47	136.85	136.80	136.74	139.00	139.10	139.42	139.84	140.11	141.64	146.36	146.73	147.19	147.70
14.09	13.95	13.84	13.73	13.63	13.55	13.49	13.44	13.39	13.34	13.29	13.25	13.20	13.16	13.11	13.06	13.02
20.85	20.65	20.48	20.32	20.17	20.05	19.96	19.89	19.82	19.75	19.68	19.61	19.54	19.47	19.40	19.33	19.27
94.10	94.33	99.10	107.30	111.84	111.83	111.81	113.74	113.84	114.13	114.51	114.76	116.07	120.05	120.39	120.79	121.26
12.97	12.84	12.74	12.64	12.55	12.47	12.42	12.37	12.33	12.28	12.24	12.20	12.15	12.11	12.07	12.03	11.98
21.06	20.86	20.68	20.52	20.37	20.25	20.16	20.08	20.01	19.94	19.87	19.80	19.73	19.66	19.59	19.53	19.46
45.03	45.10	47.14	50.77	52.78	52.74	52.70	53.52	53.56	53.66	53.80	53.88	54.44	56.21	56.34	56.50	56.68
12.25	12.13	12.03	11.93	11.85	11.78	11.73	11.68	11.64	11.60	11.56	11.52	11.48	11.44	11.40	11.36	11.32
16.49	16.33	16.19	16.07	15.95	15.86	15.79	15.72	15.67	15.61	15.56	15.50	15.45	15.40	15.34	15.29	15.24
33.48	33.16	32.88	32.62	32.39	32.20	32.05	31.93	31.82	31.71	31.59	31.48	31.37	31.26	31.15	31.04	30.94
27.17	26.91	26.69	26.48	26.28	26.13	26.01	25.91	25.82	25.73	25.64	25.55	25.46	25.37	25.28	25.19	25.11

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>17.71</b>	<b>42.96</b>	<b>55.94</b>	<b>56.08</b>	<b>56.23</b>	<b>56.57</b>	<b>79.84</b>	<b>80.15</b>	<b>79.96</b>	<b>79.87</b>	<b>80.03</b>	<b>96.17</b>	<b>97.17</b>	<b>97.33</b>	<b>97.53</b>	<b>97.68</b>	<b>97.85</b>
12.35	13.05	13.70	13.81	13.93	14.24	15.81	16.09	15.87	15.75	15.89	16.58	16.98	17.12	17.26	17.41	17.57
2.46	3.07	3.35	3.31	3.27	3.23	3.66	3.61	3.55	3.49	3.45	3.67	3.73	3.69	3.66	3.62	3.59
2.64	24.78	35.80	35.75	35.72	35.69	55.03	55.01	54.98	54.99	54.99	68.76	69.23	69.24	69.28	69.29	69.29
0.25	0.55	0.72	0.74	0.76	0.78	1.10	1.12	1.15	1.17	1.18	1.41	1.43	1.45	1.46	1.47	1.48
0.00	1.51	2.37	2.47	2.56	2.63	4.25	4.33	4.41	4.47	4.52	5.75	5.79	5.83	5.87	5.89	5.91
<b>2.37</b>	<b>2.44</b>	<b>2.50</b>	<b>2.52</b>	<b>2.53</b>	<b>2.57</b>	<b>2.67</b>	<b>2.71</b>	<b>2.74</b>	<b>2.75</b>	<b>2.77</b>	<b>2.81</b>	<b>2.87</b>	<b>2.89</b>	<b>2.91</b>	<b>2.93</b>	<b>2.94</b>
0.25	0.26	0.27	0.28	0.29	0.29	0.31	0.32	0.33	0.33	0.34	0.35	0.36	0.36	0.37	0.37	0.38
0.47	0.48	0.49	0.49	0.49	0.49	0.50	0.50	0.50	0.50	0.50	0.51	0.51	0.52	0.52	0.52	0.52
0.12	0.12	0.11	0.10	0.10	0.09	0.09	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05
1.53	1.58	1.63	1.65	1.67	1.69	1.78	1.81	1.83	1.84	1.86	1.89	1.93	1.96	1.97	1.99	2.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>3.54</b>	<b>3.61</b>	<b>3.69</b>	<b>3.73</b>	<b>3.75</b>	<b>3.80</b>	<b>3.93</b>	<b>3.99</b>	<b>4.01</b>	<b>4.05</b>	<b>4.11</b>	<b>4.20</b>	<b>4.30</b>	<b>4.37</b>	<b>4.44</b>	<b>4.51</b>	<b>4.58</b>
0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
0.77	0.77	0.78	0.78	0.78	0.78	0.79	0.79	0.78	0.78	0.78	0.79	0.79	0.80	0.80	0.80	0.80
1.11	1.12	1.13	1.13	1.13	1.13	1.17	1.18	1.18	1.18	1.20	1.22	1.25	1.27	1.29	1.30	1.33
1.66	1.70	1.75	1.79	1.82	1.85	1.94	1.98	1.99	2.02	2.06	2.12	2.18	2.23	2.28	2.32	2.37
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04
<b>3.42</b>	<b>28.53</b>	<b>41.13</b>	<b>41.16</b>	<b>41.20</b>	<b>41.22</b>	<b>63.40</b>	<b>63.43</b>	<b>63.43</b>	<b>63.45</b>	<b>63.45</b>	<b>79.26</b>	<b>79.84</b>	<b>79.84</b>	<b>79.87</b>	<b>79.84</b>	<b>79.82</b>
0.00	0.26	0.41	0.43	0.44	0.45	0.74	0.75	0.76	0.77	0.78	1.00	1.00	1.01	1.02	1.02	1.03
0.00	0.47	0.74	0.77	0.79	0.81	1.31	1.34	1.35	1.37	1.38	1.75	1.76	1.77	1.78	1.78	1.79
1.23	1.81	2.08	2.04	2.00	1.97	2.36	2.31	2.26	2.21	2.17	2.38	2.43	2.38	2.34	2.30	2.27
1.41	23.55	34.57	34.52	34.49	34.46	53.77	53.75	53.73	53.73	53.72	67.47	67.92	67.91	67.94	67.93	67.92
0.17	0.24	0.27	0.28	0.28	0.28	0.35	0.35	0.35	0.35	0.35	0.40	0.42	0.42	0.42	0.42	0.42
0.60	1.15	1.43	1.43	1.42	1.42	1.92	1.92	1.91	1.91	1.91	2.26	2.28	2.28	2.28	2.28	2.28
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
0.00	1.03	1.62	1.69	1.75	1.80	2.92	2.98	3.03	3.07	3.11	3.96	4.00	4.03	4.05	4.07	4.09

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>7.78</b>	<b>10.98</b>	<b>7.29</b>	<b>6.55</b>	<b>6.71</b>	<b>6.82</b>	<b>7.05</b>	<b>7.19</b>	<b>7.18</b>	<b>7.21</b>	<b>7.21</b>	<b>7.75</b>	<b>8.23</b>	<b>8.47</b>
Aviation Fuel	1.62	3.02	1.95	1.85	1.98	2.00	2.02	2.05	2.07	2.10	2.12	2.15	2.18	2.20
Diesel	4.75	6.46	4.17	3.45	3.48	3.59	3.73	3.80	3.75	3.74	3.72	4.18	4.56	4.74
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Lubricants	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Motor Gasoline	1.38	1.48	1.16	1.22	1.23	1.20	1.27	1.32	1.33	1.34	1.35	1.41	1.47	1.51
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	17.95	24.06	19.38	17.34	17.02	16.40	16.23	16.23	15.98	15.84	15.64	16.19	17.31	17.81
Total Electric and Steam Energy Demand for Generation	2.19	2.42	1.71	1.32	1.37	5.06	5.36	5.36	5.30	5.25	5.09	5.13	5.49	5.68
Less Electricity and Steam Secondary Demand	1.88	1.90	1.96	2.21	2.29	2.27	2.35	2.35	2.34	2.32	2.28	2.30	2.41	2.46
<b>Total Primary Demand</b>	<b>18.26</b>	<b>24.59</b>	<b>19.13</b>	<b>16.44</b>	<b>16.10</b>	<b>19.19</b>	<b>19.24</b>	<b>19.24</b>	<b>18.94</b>	<b>18.78</b>	<b>18.44</b>	<b>19.03</b>	<b>20.38</b>	<b>21.03</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	4.42	7.05	5.96	4.82	4.46	3.87	3.35	3.15	2.92	2.76	2.56	2.48	2.86	3.00
RPP	12.81	16.49	12.19	10.66	10.62	14.12	14.68	14.87	14.79	14.78	14.62	15.28	16.23	16.73
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	0.89	0.89	0.84	0.81	0.86	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.14	0.16	0.15	0.16	0.16	0.16	0.18	0.19	0.20	0.20	0.23	0.24	0.26	0.27
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>14.67</b>	<b>17.57</b>	<b>13.67</b>	<b>10.87</b>	<b>10.08</b>	<b>9.56</b>	<b>9.12</b>	<b>8.85</b>	<b>8.57</b>	<b>8.36</b>	<b>8.22</b>	<b>8.16</b>	<b>8.26</b>	<b>8.22</b>
Residential (PJ/Personal Income)	2.55	2.36	2.27	2.04	2.01	2.07	2.05	2.03	2.00	1.98	1.95	1.92	1.90	1.87
Commercial (PJ/GO)	1.20	1.16	0.96	1.13	1.03	1.04	1.02	1.00	0.98	0.96	0.95	0.94	0.92	0.91
Industrial (PJ/GO)	3.32	4.34	3.95	3.02	2.70	2.16	1.79	1.61	1.50	1.39	1.29	1.07	1.14	1.16
Transportation (PJ/GDP)	6.36	8.02	5.14	4.11	3.98	3.97	3.96	3.92	3.85	3.80	3.79	3.91	3.93	3.91

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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<b>8.38</b>	<b>8.38</b>	<b>8.61</b>	<b>8.67</b>	<b>8.74</b>	<b>8.99</b>	<b>9.83</b>	<b>10.03</b>	<b>9.77</b>	<b>9.63</b>	<b>9.71</b>	<b>9.91</b>	<b>10.16</b>	<b>10.23</b>	<b>10.31</b>	<b>10.40</b>	<b>10.50</b>
2.23	2.25	2.28	2.31	2.34	2.36	2.39	2.42	2.45	2.48	2.51	2.54	2.57	2.60	2.63	2.66	2.70
4.63	4.56	4.71	4.73	4.75	4.93	5.64	5.76	5.46	5.27	5.29	5.41	5.57	5.57	5.58	5.61	5.65
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1.51	1.55	1.60	1.62	1.64	1.68	1.78	1.83	1.85	1.86	1.90	1.95	2.01	2.05	2.08	2.11	2.15
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
17.71	42.96	55.94	56.08	56.23	56.57	79.84	80.15	79.96	79.87	80.03	96.17	97.17	97.33	97.53	97.68	97.85
5.68	7.61	8.60	8.49	8.38	8.28	9.53	9.38	9.18	8.92	9.81	9.99	9.87	9.77	9.66	9.58	9.58
2.46	4.10	4.98	5.01	5.02	5.04	6.58	6.60	6.59	6.58	6.58	7.65	7.75	7.74	7.73	7.72	7.70
<b>20.93</b>	<b>46.46</b>	<b>59.56</b>	<b>59.56</b>	<b>59.59</b>	<b>59.81</b>	<b>82.78</b>	<b>82.94</b>	<b>82.55</b>	<b>82.35</b>	<b>82.37</b>	<b>98.33</b>	<b>99.42</b>	<b>99.46</b>	<b>99.57</b>	<b>99.62</b>	<b>99.72</b>
2.97	28.10	41.78	41.67	41.60	41.53	61.30	61.24	61.16	61.14	61.09	76.77	77.33	77.27	77.27	77.21	77.17
16.66	16.29	15.32	15.37	15.44	15.70	18.02	18.20	17.84	17.63	17.68	17.47	17.96	18.05	18.14	18.25	18.38
0.00	0.47	0.74	0.77	0.80	0.82	1.32	1.34	1.37	1.38	1.39	1.77	1.78	1.79	1.79	1.80	1.80
1.03	1.03	0.99	0.98	0.97	0.97	1.02	1.02	1.01	1.01	1.00	0.89	0.90	0.89	0.89	0.88	0.88
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.27	0.57	0.73	0.76	0.78	0.80	1.11	1.13	1.17	1.18	1.20	1.43	1.45	1.46	1.47	1.48	1.49

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>8.10</b>	<b>18.78</b>	<b>23.62</b>	<b>23.35</b>	<b>23.09</b>	<b>22.69</b>	<b>30.00</b>	<b>29.54</b>	<b>29.07</b>	<b>28.86</b>	<b>28.44</b>	<b>33.21</b>	<b>32.44</b>	<b>31.93</b>	<b>31.51</b>	<b>31.10</b>	<b>30.65</b>
1.85	1.83	1.81	1.78	1.76	1.73	1.70	1.67	1.65	1.63	1.61	1.58	1.56	1.53	1.51	1.49	1.47
0.90	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.81	0.81	0.80	0.80	0.80	0.79	0.79	0.79	0.78
1.18	9.43	12.58	12.40	12.24	11.67	14.75	14.28	14.99	15.44	15.29	17.78	17.73	17.63	17.54	17.35	17.14
3.83	3.66	3.64	3.61	3.59	3.61	3.69	3.69	3.55	3.48	3.45	3.42	3.39	3.36	3.33	3.31	3.29





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>80.60</b>	<b>77.82</b>	<b>79.81</b>	<b>82.21</b>	<b>86.76</b>	<b>86.75</b>	<b>86.50</b>	<b>86.61</b>	<b>87.96</b>	<b>85.92</b>	<b>85.86</b>	<b>83.57</b>	<b>83.53</b>	<b>83.76</b>
Aviation Fuel	6.90	6.23	6.37	7.09	9.66	9.71	9.77	9.83	9.89	9.95	10.01	10.07	10.13	10.19
Diesel	27.80	27.10	28.23	29.10	30.82	31.16	31.03	31.01	32.75	31.38	31.54	29.79	29.69	29.89
Electric	0.00	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	2.91	2.25	2.30	2.30	2.35	2.38	2.40	2.43	2.45	2.47	2.50	2.52	2.55	2.57
LPG	0.07	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.04	0.04	0.04	0.03
Lubricants	0.32	0.28	0.29	0.25	0.24	0.25	0.25	0.26	0.26	0.27	0.27	0.27	0.28	0.28
Motor Gasoline	42.60	41.86	42.53	43.38	43.60	43.17	42.97	43.01	42.54	41.78	41.47	40.86	40.82	40.77
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	204.41	206.30	220.55	227.84	226.54	222.79	221.16	223.64	224.55	221.10	222.27	217.02	216.50	216.53
Total Electric and Steam Energy Demand for Generation	117.69	89.01	80.98	95.23	100.40	94.90	97.58	97.73	94.80	94.42	92.75	92.01	91.21	90.75
Less Electricity and Steam Secondary Demand	34.83	35.87	35.88	36.70	37.13	38.00	38.10	38.33	38.10	37.80	37.61	37.39	37.45	37.41
<b>Total Primary Demand</b>	<b>287.26</b>	<b>259.43</b>	<b>265.64</b>	<b>286.36</b>	<b>289.81</b>	<b>279.69</b>	<b>280.63</b>	<b>283.04</b>	<b>281.25</b>	<b>277.73</b>	<b>277.42</b>	<b>271.63</b>	<b>270.26</b>	<b>269.87</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	4.95	3.58	6.86	9.49	8.26	7.80	6.94	9.07	8.36	7.85	9.01	6.66	5.55	4.47
RPP	167.32	164.34	165.34	181.72	183.83	195.07	195.41	195.58	196.55	193.55	193.21	190.07	174.56	175.15
Coal, Coke and Coke Oven Gas	98.54	75.57	73.87	73.37	78.25	51.20	52.76	52.30	49.70	49.22	47.57	46.55	60.88	60.09
Hydro	3.33	2.56	3.72	3.92	3.23	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	13.12	13.38	15.86	17.85	16.25	22.24	22.14	22.70	23.27	23.73	24.24	24.97	25.89	26.77
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>9.09</b>	<b>8.87</b>	<b>9.12</b>	<b>9.37</b>	<b>9.02</b>	<b>8.77</b>	<b>8.52</b>	<b>8.45</b>	<b>8.34</b>	<b>8.17</b>	<b>8.10</b>	<b>7.86</b>	<b>7.72</b>	<b>7.60</b>
Residential (PJ/Personal Income)	1.94	1.98	1.97	2.03	1.63	1.95	1.93	1.91	1.89	1.88	1.86	1.83	1.80	1.77
Commercial (PJ/GO)	0.87	0.93	0.89	1.06	1.30	1.03	1.00	0.98	0.96	0.94	0.92	0.91	0.89	0.88
Industrial (PJ/GO)	4.36	4.08	4.73	4.64	4.17	3.96	3.78	3.80	3.52	3.51	3.53	3.45	3.35	3.24
Transportation (PJ/GDP)	3.58	3.35	3.30	3.38	3.45	3.42	3.33	3.27	3.27	3.17	3.13	3.03	2.98	2.94

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>83.92</b>	<b>84.76</b>	<b>86.36</b>	<b>86.73</b>	<b>87.05</b>	<b>87.54</b>	<b>86.18</b>	<b>86.71</b>	<b>88.23</b>	<b>87.77</b>	<b>87.97</b>	<b>88.15</b>	<b>88.63</b>	<b>89.10</b>	<b>89.89</b>	<b>90.32</b>	<b>90.80</b>
10.25	10.31	10.37	10.44	10.50	10.56	10.62	10.69	10.75	10.82	10.88	10.95	11.01	11.08	11.15	11.21	11.28
29.97	30.48	31.49	31.53	31.56	31.64	30.19	30.25	31.18	30.49	30.43	30.39	30.46	30.56	30.93	31.09	31.31
0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.60	2.63	2.65	2.68	2.71	2.73	2.76	2.79	2.82	2.84	2.87	2.90	2.93	2.96	2.99	3.02	3.05
0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
0.29	0.29	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.34	0.35	0.36	0.36	0.37	0.37
40.77	41.01	41.49	41.74	41.94	42.26	42.26	42.62	43.12	43.26	43.42	43.54	43.84	44.12	44.43	44.61	44.76
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
215.91	217.23	219.81	220.61	221.11	222.04	228.90	229.87	232.23	240.60	241.00	241.35	242.43	243.34	253.18	253.13	253.37
90.38	88.87	89.14	89.09	89.00	89.80	89.99	89.93	89.84	90.30	89.46	89.01	88.92	88.61	88.64	88.14	87.73
37.27	37.30	37.46	37.47	37.43	37.45	37.55	37.54	37.53	37.55	37.43	37.31	37.29	37.21	37.25	37.10	36.97
<b>269.03</b>	<b>268.80</b>	<b>271.48</b>	<b>272.24</b>	<b>272.68</b>	<b>274.39</b>	<b>281.34</b>	<b>282.25</b>	<b>284.54</b>	<b>293.35</b>	<b>293.02</b>	<b>293.05</b>	<b>294.05</b>	<b>294.74</b>	<b>304.58</b>	<b>304.17</b>	<b>304.13</b>
3.66	3.05	2.59	2.25	1.99	1.77	9.91	9.89	9.87	18.50	18.48	18.47	18.47	18.46	26.65	25.90	25.23
175.31	163.98	166.66	167.60	168.20	168.03	166.46	167.34	169.67	168.45	168.84	169.16	170.12	171.03	172.67	173.40	174.32
59.17	70.20	70.00	69.68	69.40	71.09	71.14	70.91	70.66	71.91	71.00	70.50	70.27	69.86	69.75	69.06	68.60
3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27.52	28.19	28.85	29.32	29.71	30.11	30.45	30.73	30.96	31.12	31.32	31.54	31.81	32.00	32.13	32.42	32.60

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>7.49</b>	<b>7.41</b>	<b>7.35</b>	<b>7.27</b>	<b>7.20</b>	<b>7.13</b>	<b>7.28</b>	<b>7.22</b>	<b>7.18</b>	<b>7.37</b>	<b>7.30</b>	<b>7.24</b>	<b>7.19</b>	<b>7.13</b>	<b>7.32</b>	<b>7.24</b>	<b>7.16</b>
1.74	1.71	1.68	1.65	1.62	1.60	1.57	1.54	1.52	1.49	1.47	1.44	1.42	1.39	1.37	1.35	1.32
0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.81	0.80	0.80	0.79	0.79	0.79	0.78	0.78	0.78
3.15	3.07	2.98	2.95	2.92	2.89	3.36	3.33	3.26	3.71	3.70	3.68	3.66	3.64	3.98	3.92	3.85
2.91	2.89	2.89	2.86	2.83	2.81	2.74	2.72	2.73	2.69	2.67	2.65	2.63	2.61	2.60	2.58	2.56





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>2.67</b>	<b>4.16</b>	<b>4.02</b>	<b>4.55</b>	<b>4.63</b>	<b>4.75</b>	<b>4.92</b>	<b>5.01</b>	<b>4.96</b>	<b>4.96</b>	<b>4.95</b>	<b>5.50</b>	<b>5.95</b>	<b>6.15</b>
Aviation Fuel	0.55	0.62	0.59	0.66	0.74	0.75	0.76	0.76	0.77	0.78	0.79	0.80	0.81	0.82
Diesel	1.83	3.25	3.18	3.61	3.60	3.72	3.86	3.93	3.87	3.86	3.83	4.35	4.77	4.95
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lubricants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Gasoline	0.29	0.29	0.24	0.28	0.29	0.28	0.30	0.31	0.32	0.32	0.33	0.34	0.36	0.38
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<b>Section 3: Primary Demand (petajoules)</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Secondary Demand	3.62	5.27	4.92	5.22	5.34	5.72	5.96	6.11	6.09	6.11	6.11	6.71	7.23	7.48
Total Electric and Steam Energy Demand for Generation	0.62	0.49	0.75	0.00	0.00	2.01	2.15	2.28	2.34	2.33	2.27	2.31	2.31	2.33
Less Electricity and Steam Secondary Demand	0.75	0.91	0.69	0.48	0.50	0.77	0.83	0.88	0.89	0.90	0.91	0.94	0.99	1.01
<b>Total Primary Demand</b>	<b>3.49</b>	<b>4.84</b>	<b>4.98</b>	<b>4.74</b>	<b>4.83</b>	<b>6.96</b>	<b>7.28</b>	<b>7.52</b>	<b>7.54</b>	<b>7.55</b>	<b>7.47</b>	<b>8.08</b>	<b>8.55</b>	<b>8.79</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RPP	3.48	4.81	4.96	4.72	4.82	6.92	7.22	7.45	7.44	7.37	7.22	7.75	8.14	8.29
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.02	0.02	0.02	0.02	0.02	0.05	0.06	0.07	0.10	0.18	0.25	0.33	0.42	0.50

<b>Section 4: Ratios</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>2.76</b>	<b>3.59</b>	<b>3.24</b>	<b>3.05</b>	<b>2.95</b>	<b>3.11</b>	<b>3.13</b>	<b>3.11</b>	<b>3.04</b>	<b>3.01</b>	<b>3.00</b>	<b>3.16</b>	<b>3.22</b>	<b>3.22</b>
Residential (PJ/Personal Income)	0.29	0.33	0.29	0.24	0.23	0.42	0.46	0.48	0.50	0.51	0.52	0.54	0.55	0.56
Commercial (PJ/GO)	0.35	0.43	0.34	0.38	0.41	0.38	0.38	0.37	0.36	0.35	0.35	0.34	0.34	0.33
Industrial (PJ/GO)	0.81	0.67	0.48	0.03	0.02	0.16	0.17	0.16	0.15	0.14	0.14	0.12	0.11	0.11
Transportation (PJ/GDP)	2.04	2.83	2.64	2.66	2.56	2.58	2.58	2.55	2.48	2.45	2.43	2.59	2.65	2.65

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>6.03</b>	<b>5.91</b>	<b>6.09</b>	<b>6.12</b>	<b>6.16</b>	<b>6.39</b>	<b>7.20</b>	<b>7.37</b>	<b>7.02</b>	<b>6.81</b>	<b>6.85</b>	<b>6.99</b>	<b>7.18</b>	<b>7.19</b>	<b>7.23</b>	<b>7.28</b>	<b>7.34</b>
0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.01
4.82	4.67	4.83	4.84	4.86	5.06	5.83	5.97	5.60	5.38	5.39	5.51	5.66	5.65	5.65	5.68	5.72
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.38	0.39	0.41	0.42	0.43	0.44	0.48	0.49	0.50	0.51	0.52	0.54	0.56	0.58	0.59	0.60	0.62
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
7.37	7.29	7.52	7.57	7.64	7.89	8.78	8.98	8.65	8.45	8.51	8.68	8.91	8.95	9.00	9.07	9.15
2.26	2.28	2.38	2.35	2.39	2.41	2.52	2.58	2.58	2.58	2.58	2.64	2.65	2.67	2.70	2.69	2.70
1.02	1.05	1.08	1.09	1.10	1.12	1.17	1.18	1.19	1.19	1.20	1.22	1.24	1.25	1.26	1.27	1.27
<b>8.61</b>	<b>8.53</b>	<b>8.82</b>	<b>8.84</b>	<b>8.93</b>	<b>9.19</b>	<b>10.14</b>	<b>10.38</b>	<b>10.04</b>	<b>9.84</b>	<b>9.89</b>	<b>10.11</b>	<b>10.32</b>	<b>10.37</b>	<b>10.44</b>	<b>10.49</b>	<b>10.58</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.04	7.91	8.19	8.16	8.24	8.49	9.39	9.61	9.27	9.07	9.07	9.28	9.44	9.48	9.55	9.56	9.64
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.58	0.62	0.63	0.68	0.69	0.70	0.75	0.76	0.77	0.78	0.82	0.83	0.87	0.88	0.89	0.93	0.94

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>3.15</b>	<b>2.97</b>	<b>2.96</b>	<b>2.94</b>	<b>2.93</b>	<b>2.95</b>	<b>3.08</b>	<b>3.09</b>	<b>2.93</b>	<b>2.85</b>	<b>2.82</b>	<b>2.80</b>	<b>2.78</b>	<b>2.74</b>	<b>2.71</b>	<b>2.69</b>	<b>2.67</b>
0.57	0.57	0.58	0.58	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.58	0.58	0.57	0.57	0.56	0.56
0.32	0.32	0.31	0.31	0.31	0.30	0.30	0.30	0.29	0.29	0.29	0.29	0.28	0.28	0.28	0.28	0.28
0.11	0.12	0.12	0.12	0.12	0.11	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08	0.07	0.07
2.58	2.41	2.40	2.38	2.36	2.39	2.52	2.53	2.38	2.30	2.27	2.25	2.24	2.20	2.18	2.16	2.15

Table A2.38: Demand, Fortified Islands, Ontario

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	27.49	26.54	27.39	26.59	26.52	25.14	24.31	25.68	27.27	29.97	31.89	32.21	31.62	31.64
Natural Gas	11.08	11.39	11.95	12.10	12.38	13.08	13.87	15.04	17.36	17.71	17.55	17.38	17.19	17.00
Light Fuel Oil	13.72	14.22	12.68	14.60	14.60	18.20	19.30	19.07	19.46	19.90	19.72	19.53	19.32	19.10
<b>Commercial</b>														
Electricity	24.56	23.70	25.89	24.83	20.92	19.80	19.14	20.23	21.51	23.68	25.22	25.48	25.02	25.04
Natural Gas	8.22	8.74	10.06	10.59	10.81	11.62	12.52	13.74	16.07	16.44	16.29	16.13	15.96	15.78
Light Fuel Oil	13.72	14.22	12.68	14.60	14.85	18.43	19.51	19.28	19.67	20.10	19.92	19.73	19.52	19.30
<b>Industrial</b>														
Electricity	16.89	17.03	19.74	19.83	18.12	17.10	16.54	17.56	18.72	20.69	22.11	22.36	21.96	21.99
Natural Gas	7.33	6.35	9.41	8.54	8.74	9.69	10.73	12.03	14.38	14.76	14.62	14.48	14.32	14.17
Heavy Fuel Oil	9.11	9.44	8.42	9.69	9.84	13.76	15.19	15.13	15.57	16.04	15.89	15.74	15.57	15.40
<b>Transportation</b>														
Gasoline	25.86	26.15	26.11	26.11	26.11	28.91	29.21	28.58	28.88	29.24	28.97	28.70	28.39	28.07
Diesel	21.17	21.85	20.11	20.63	20.63	23.81	24.49	24.05	24.40	24.79	24.57	24.33	24.07	23.80

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>2 999.37</b>	<b>2 894.73</b>	<b>3 057.10</b>	<b>3 088.65</b>	<b>3 167.43</b>	<b>3 247.89</b>	<b>3 245.90</b>	<b>3 264.94</b>	<b>3 236.07</b>	<b>3 223.83</b>	<b>3 204.20</b>	<b>3 219.98</b>	<b>3 241.27</b>	<b>3 257.93</b>
RPP <sup>1,2</sup>	1 267.73	1 252.31	1 323.96	1 341.24	1 400.66	1 449.20	1 437.72	1 432.69	1 414.74	1 413.37	1 410.15	1 422.14	1 436.96	1 451.26
Electric	507.19	503.43	522.79	512.87	512.69	531.56	537.73	545.44	545.67	546.06	543.57	546.88	550.81	553.17
Natural Gas	956.01	886.33	941.44	970.09	969.60	987.37	993.20	998.26	986.70	980.59	971.09	971.23	972.01	970.91
Biofuels & Emerging Energy <sup>3</sup>	107.35	99.25	109.47	105.29	129.14	116.62	115.10	133.06	132.43	131.82	130.85	132.47	135.18	137.31
Other <sup>4</sup>	161.09	153.41	159.44	159.16	155.33	163.15	162.15	155.48	156.53	151.99	148.55	147.26	146.30	145.29
<b>Residential Sector</b>	<b>524.94</b>	<b>512.22</b>	<b>527.26</b>	<b>565.71</b>	<b>545.94</b>	<b>562.80</b>	<b>570.83</b>	<b>585.49</b>	<b>581.56</b>	<b>584.13</b>	<b>583.96</b>	<b>586.67</b>	<b>590.10</b>	<b>591.22</b>
Biomass	17.58	16.20	17.26	18.77	19.00	19.75	20.23	21.06	21.24	21.67	22.04	22.60	23.19	23.68
Electricity	153.71	159.87	158.84	160.52	162.96	165.57	167.74	172.02	170.97	171.62	171.33	171.96	172.95	173.32
Natural Gas	315.34	302.28	316.53	349.21	335.58	349.36	355.57	365.65	363.59	365.74	366.31	368.67	371.35	372.50
RPP	38.32	33.87	34.63	37.22	28.40	28.12	27.28	26.76	25.76	25.10	24.29	23.44	22.60	21.72
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Commercial Sector</b>	<b>517.42</b>	<b>494.39</b>	<b>518.71</b>	<b>534.34</b>	<b>523.69</b>	<b>539.03</b>	<b>543.90</b>	<b>547.90</b>	<b>540.05</b>	<b>538.16</b>	<b>534.12</b>	<b>534.97</b>	<b>535.77</b>	<b>535.89</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	176.71	167.18	191.78	193.84	191.75	203.97	208.00	211.68	211.48	212.27	211.81	213.25	214.67	215.50
Natural Gas	290.99	276.01	273.04	275.72	259.33	260.92	261.01	260.27	252.60	249.16	245.19	243.48	241.84	240.32
RPP	49.42	50.89	53.58	64.45	72.29	73.72	74.47	75.55	75.59	76.36	76.76	77.89	78.91	79.73
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.30	0.31	0.31	0.34	0.33	0.42	0.42	0.41	0.39	0.38	0.36	0.35	0.34	0.34
<b>Industrial Sector</b>	<b>1 117.60</b>	<b>1 068.90</b>	<b>1 185.03</b>	<b>1 134.85</b>	<b>1 209.90</b>	<b>1 257.19</b>	<b>1 254.38</b>	<b>1 241.00</b>	<b>1 239.22</b>	<b>1 233.26</b>	<b>1 224.68</b>	<b>1 235.88</b>	<b>1 247.86</b>	<b>1 260.09</b>
Biomass	89.77	83.05	92.21	86.52	110.14	96.87	94.87	93.38	92.48	91.19	89.82	90.96	93.22	95.05
Coal, Coke & Coke Oven Gas	149.80	141.26	146.23	143.30	137.25	141.80	140.60	133.75	134.75	130.20	126.92	125.45	124.39	123.37
Electricity	175.41	175.07	170.78	157.17	156.63	160.70	160.72	160.48	162.00	160.97	159.26	160.51	162.03	163.19
Natural Gas	348.09	306.58	350.50	343.78	373.32	375.72	375.29	371.03	369.26	364.49	358.41	357.91	357.67	356.95
LPG & Petroleum Feedstocks	164.65	172.08	206.55	176.66	206.65	225.60	228.02	229.84	231.25	234.63	236.84	243.21	249.73	256.52
RPP	97.56	93.21	91.39	97.92	105.60	108.52	107.66	105.81	104.38	104.97	104.89	106.51	108.44	109.95
Still Gas & Petroleum Coke	81.32	85.81	114.48	113.97	102.57	127.05	126.10	125.39	123.71	125.39	127.28	129.87	130.81	133.49
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	10.99	11.85	12.90	15.53	17.76	20.93	21.13	21.32	21.38	21.41	21.26	21.46	21.56	21.58

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
34.90	35.51	35.68	35.54	35.70	36.25	37.00	37.53	38.07	38.96	39.84	40.52	41.40	42.34	43.40	44.27	45.29
16.82	16.66	16.52	16.39	16.27	16.17	16.10	16.04	15.98	15.93	15.87	15.81	15.76	15.70	15.65	15.59	15.54
18.90	18.71	18.56	18.41	18.28	18.17	18.09	18.02	17.96	17.89	17.83	17.77	17.71	17.64	17.58	17.52	17.46
27.65	28.15	28.29	28.18	28.32	28.76	29.36	29.79	30.23	30.94	31.65	32.20	32.91	33.66	34.52	35.22	36.03
15.61	15.46	15.33	15.21	15.10	15.01	14.94	14.88	14.83	14.78	14.73	14.68	14.63	14.57	14.52	14.47	14.42
19.09	18.90	18.75	18.60	18.46	18.36	18.28	18.20	18.14	18.08	18.01	17.95	17.89	17.82	17.76	17.70	17.64
24.39	24.85	24.99	24.91	25.04	25.46	26.02	26.42	26.82	27.48	28.14	28.65	29.30	30.00	30.78	31.43	32.18
14.01	13.88	13.76	13.65	13.55	13.48	13.41	13.36	13.32	13.27	13.22	13.18	13.13	13.08	13.04	12.99	12.95
15.23	15.08	14.96	14.84	14.73	14.64	14.58	14.52	14.47	14.42	14.37	14.32	14.27	14.22	14.17	14.12	14.07
27.76	27.50	27.27	27.05	26.86	26.70	26.58	26.48	26.39	26.29	26.20	26.11	26.02	25.92	25.83	25.74	25.66
23.54	23.32	23.12	22.94	22.77	22.64	22.54	22.45	22.37	22.30	22.22	22.14	22.06	21.98	21.91	21.83	21.75
<b>3 255.18</b>	<b>3 268.56</b>	<b>3 288.49</b>	<b>3 304.53</b>	<b>3 314.76</b>	<b>3 332.34</b>	<b>3 352.20</b>	<b>3 355.02</b>	<b>3 345.94</b>	<b>3 336.46</b>	<b>3 333.42</b>	<b>3 333.41</b>	<b>3 341.61</b>	<b>3 341.65</b>	<b>3 335.75</b>	<b>3 333.94</b>	<b>3 335.40</b>
1 456.27	1 470.72	1 486.80	1 503.11	1 516.27	1 532.60	1 550.14	1 561.85	1 569.29	1 576.49	1 585.78	1 595.19	1 609.59	1 620.81	1 628.77	1 638.41	1 649.77
551.08	550.71	551.64	551.61	550.55	550.32	550.00	547.44	543.28	538.68	534.87	531.36	529.05	525.45	520.87	516.91	513.42
966.87	967.61	971.01	972.38	972.59	974.67	977.83	976.00	970.65	966.12	963.39	962.05	962.86	961.65	959.25	957.98	957.86
138.33	139.79	141.58	142.88	144.02	145.72	147.48	148.20	148.28	148.26	148.67	149.36	150.54	150.98	150.85	150.95	151.43
142.63	139.73	137.45	134.56	131.33	129.04	126.75	121.55	114.44	106.91	100.71	95.45	89.58	82.75	76.00	69.68	62.92
<b>590.43</b>	<b>592.12</b>	<b>595.30</b>	<b>596.81</b>	<b>597.27</b>	<b>597.83</b>	<b>598.09</b>	<b>597.74</b>	<b>596.04</b>	<b>593.94</b>	<b>591.79</b>	<b>589.44</b>	<b>588.61</b>	<b>586.97</b>	<b>584.24</b>	<b>581.52</b>	<b>578.69</b>
24.08	24.56	25.09	25.55	25.95	26.35	26.72	27.03	27.25	27.44	27.62	27.77	27.99	28.15	28.25	28.34	28.41
172.74	172.90	173.56	173.83	173.86	173.94	173.94	173.79	173.27	172.64	171.99	171.30	171.08	170.61	169.82	169.05	168.26
372.76	374.53	377.16	378.63	379.37	380.13	380.67	380.77	379.95	378.85	377.71	376.39	376.04	375.15	373.55	371.92	370.22
20.85	20.14	19.49	18.80	18.10	17.41	16.76	16.15	15.57	15.01	14.48	13.97	13.51	13.06	12.62	12.20	11.81
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>534.13</b>	<b>535.27</b>	<b>537.17</b>	<b>539.10</b>	<b>540.60</b>	<b>542.60</b>	<b>545.78</b>	<b>547.28</b>	<b>548.03</b>	<b>550.03</b>	<b>552.25</b>	<b>554.44</b>	<b>558.14</b>	<b>561.48</b>	<b>564.86</b>	<b>568.62</b>	<b>573.48</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
214.74	214.71	215.02	215.28	215.15	215.18	215.22	214.95	214.50	213.96	213.52	212.90	212.84	212.52	211.97	211.60	211.53
238.76	239.07	239.63	240.30	241.04	242.01	244.07	244.87	245.16	246.75	248.38	250.22	252.66	255.07	257.81	260.61	264.02
80.30	81.17	82.19	83.20	84.10	85.10	86.18	87.16	88.07	89.01	90.05	91.03	92.34	93.59	94.79	96.11	97.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.33	0.33	0.32	0.32	0.31	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
<b>1 258.61</b>	<b>1 263.34</b>	<b>1 270.76</b>	<b>1 277.23</b>	<b>1 279.61</b>	<b>1 287.25</b>	<b>1 295.84</b>	<b>1 291.62</b>	<b>1 279.61</b>	<b>1 266.39</b>	<b>1 258.89</b>	<b>1 254.69</b>	<b>1 253.20</b>	<b>1 246.21</b>	<b>1 236.11</b>	<b>1 229.06</b>	<b>1 223.97</b>
95.88	96.97	98.27	99.23	100.10	101.46	102.92	103.35	103.18	102.91	103.03	103.35	103.97	103.89	103.29	102.98	103.11
120.81	118.00	115.64	112.77	109.56	107.21	104.85	99.73	92.82	85.54	79.48	74.31	68.42	61.67	55.06	48.82	42.11
162.45	161.95	161.90	161.33	160.36	160.02	159.65	157.51	154.32	150.88	148.16	145.96	143.93	141.11	137.87	135.03	132.41
354.23	352.89	353.08	352.31	351.05	351.39	351.93	349.19	344.38	339.35	336.13	334.27	332.98	330.24	326.70	324.26	322.42
259.44	263.43	268.64	273.81	278.09	283.30	288.67	291.65	292.95	293.33	294.78	296.71	299.98	302.03	303.03	304.49	306.21
110.59	112.37	114.15	116.22	117.80	119.76	122.04	123.71	124.98	126.45	128.22	129.96	132.05	133.81	135.36	137.24	139.55
133.73	136.32	137.58	140.07	141.20	142.59	144.18	144.96	145.67	146.86	148.17	149.29	151.02	152.67	154.15	155.67	157.65
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21.48	21.41	21.49	21.48	21.46	21.52	21.60	21.52	21.33	21.07	20.92	20.85	20.86	20.78	20.64	20.56	20.51

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>839.41</b>	<b>819.22</b>	<b>826.10</b>	<b>853.74</b>	<b>887.90</b>	<b>888.87</b>	<b>876.80</b>	<b>890.55</b>	<b>875.24</b>	<b>868.27</b>	<b>861.44</b>	<b>862.46</b>	<b>867.54</b>	<b>870.72</b>
Aviation Fuel	62.06	45.80	35.86	49.40	57.93	58.57	59.21	59.87	60.52	61.19	61.86	62.54	63.23	63.93
Diesel	250.74	238.70	242.40	245.91	261.39	266.21	263.82	260.57	256.66	255.06	253.19	254.40	256.53	257.85
Electric	1.36	1.32	1.39	1.35	1.36	1.32	1.28	1.26	1.22	1.19	1.18	1.17	1.17	1.16
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.62	18.72	18.96	19.00	18.92	18.77	18.59
Heavy Fuel Oil	5.54	6.60	6.76	6.84	7.09	7.16	7.23	7.31	7.38	7.45	7.53	7.60	7.68	7.76
LPG	4.82	5.50	3.03	3.49	4.20	3.91	3.58	3.28	2.96	2.69	2.42	2.18	1.94	1.73
Lubricants	3.88	4.74	5.65	6.14	5.80	5.98	6.15	6.39	6.47	6.59	6.70	6.88	7.06	7.23
Motor Gasoline	509.41	515.10	529.64	539.23	548.75	544.34	534.20	531.94	520.06	513.92	508.37	507.61	510.01	511.35
Natural Gas	1.60	1.46	1.37	1.38	1.38	1.36	1.33	1.31	1.25	1.21	1.18	1.16	1.15	1.14
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	2999.37	2894.73	3057.10	3088.65	3167.43	3247.89	3245.90	3264.94	3236.07	3223.83	3204.20	3219.98	3241.27	3257.93
Total Electric and Steam Energy Demand for Generation	1 370.39	1 390.45	1 387.45	1 460.83	1 499.56	1 505.65	1 512.72	1 561.22	1 541.05	1 483.04	1 440.78	1 435.54	1 423.97	1 418.38
Less Electricity and Steam Secondary Demand	518.48	515.59	536.00	528.74	530.78	552.91	559.28	567.17	567.44	567.85	565.19	568.69	572.72	575.09
<b>Total Primary Demand</b>	<b>3 851.28</b>	<b>3 769.59</b>	<b>3 908.55</b>	<b>4 020.75</b>	<b>4 136.21</b>	<b>4 200.64</b>	<b>4 199.34</b>	<b>4 258.99</b>	<b>4 209.68</b>	<b>4 139.02</b>	<b>4 079.79</b>	<b>4 086.82</b>	<b>4 092.51</b>	<b>4 101.22</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	1 063.96	1 011.36	1 070.70	1 105.97	1 092.79	1 117.14	1 127.99	1 145.26	1 144.40	1 146.38	1 155.37	1 163.20	1 156.07	1 168.95
RPP	1 273.19	1 261.06	1 329.92	1 362.83	1 418.32	1 461.34	1 450.74	1 446.71	1 421.91	1 420.88	1 421.21	1 432.96	1 448.14	1 461.42
Coal, Coke and Coke Oven Gas	576.35	532.00	529.82	593.50	471.39	385.35	383.43	395.59	405.20	334.15	254.23	236.03	218.24	200.48
Hydro	136.41	133.64	138.25	129.76	142.14	135.84	135.93	135.93	136.26	142.46	144.83	144.83	144.83	144.83
Nuclear	694.02	732.29	730.39	723.40	882.33	970.57	969.48	979.94	941.98	933.31	940.77	942.28	952.47	948.14
Biofuels & Emerging Energy	107.35	99.25	109.47	105.29	129.23	130.40	131.76	155.55	159.93	161.83	163.39	167.53	172.76	177.41
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>7.05</b>	<b>6.72</b>	<b>6.84</b>	<b>6.71</b>	<b>6.65</b>	<b>6.59</b>	<b>6.42</b>	<b>6.29</b>	<b>6.13</b>	<b>6.00</b>	<b>5.88</b>	<b>5.77</b>	<b>5.67</b>	<b>5.59</b>
Residential (PJ/Personal Income)	1.61	1.56	1.59	1.70	1.61	1.61	1.60	1.57	1.55	1.53	1.50	1.47	1.44	1.41
Commercial (PJ/GO)	1.13	1.06	1.09	1.08	1.02	1.01	0.99	0.97	0.95	0.93	0.91	0.89	0.87	0.85
Industrial (PJ/GO)	2.80	2.76	2.93	2.84	2.89	2.90	2.80	2.67	2.56	2.50	2.44	2.39	2.33	2.29
Transportation (PJ/GDP)	1.97	1.90	1.85	1.85	1.87	1.80	1.73	1.71	1.66	1.62	1.58	1.55	1.52	1.49

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>872.01</b>	<b>877.83</b>	<b>885.25</b>	<b>891.39</b>	<b>897.27</b>	<b>904.67</b>	<b>912.49</b>	<b>918.38</b>	<b>922.27</b>	<b>926.10</b>	<b>930.48</b>	<b>934.84</b>	<b>941.66</b>	<b>946.99</b>	<b>950.53</b>	<b>954.74</b>	<b>959.26</b>
64.63	65.34	66.06	66.79	67.52	68.26	69.02	69.77	70.54	71.32	72.10	72.90	73.70	74.51	75.33	76.16	76.99
258.35	260.47	262.58	264.72	266.50	268.90	271.75	273.57	274.73	276.05	277.68	279.33	281.41	282.92	283.95	285.39	287.18
1.16	1.16	1.16	1.17	1.17	1.18	1.19	1.19	1.20	1.20	1.20	1.20	1.21	1.21	1.22	1.22	1.22
18.36	18.26	18.22	18.10	17.97	17.91	17.85	17.82	17.85	17.90	18.02	18.23	18.58	18.94	19.31	19.63	19.91
7.83	7.91	7.99	8.07	8.15	8.23	8.32	8.40	8.48	8.57	8.65	8.74	8.83	8.91	9.00	9.09	9.19
1.54	1.38	1.24	1.10	0.98	0.87	0.77	0.68	0.60	0.53	0.47	0.42	0.37	0.32	0.29	0.25	0.22
7.36	7.52	7.70	7.86	8.02	8.18	8.35	8.49	8.61	8.72	8.84	8.96	9.12	9.25	9.37	9.50	9.63
511.66	514.66	519.17	522.45	525.82	530.00	534.11	537.29	539.09	540.64	542.34	543.88	547.27	549.73	550.87	552.31	553.72
1.13	1.12	1.13	1.13	1.14	1.14	1.15	1.16	1.16	1.17	1.17	1.17	1.18	1.19	1.19	1.20	1.20

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
3255.18	3268.56	3288.49	3304.53	3314.75	3332.34	3352.20	3355.02	3345.94	3336.46	3333.41	3333.40	3341.61	3341.65	3335.75	3333.94	3335.40
1 386.45	1 363.45	1 374.14	1 382.69	1 399.01	1 387.91	1 378.66	1 372.20	1 360.14	1 360.70	1 348.09	1 342.47	1 336.44	1 326.41	1 324.08	1 308.63	1 307.80
572.90	572.44	573.45	573.40	572.32	572.15	571.90	569.26	564.90	560.05	556.09	552.50	550.20	546.53	541.81	537.77	534.23
<b>4 068.72</b>	<b>4 059.57</b>	<b>4 089.18</b>	<b>4 113.82</b>	<b>4 141.44</b>	<b>4 148.11</b>	<b>4 158.96</b>	<b>4 157.97</b>	<b>4 141.18</b>	<b>4 137.11</b>	<b>4 125.41</b>	<b>4 123.37</b>	<b>4 127.85</b>	<b>4 121.53</b>	<b>4 118.02</b>	<b>4 104.80</b>	<b>4 108.97</b>
1 177.49	1 186.15	1 188.60	1 186.37	1 174.12	1 181.44	1 186.94	1 183.94	1 176.83	1 162.91	1 148.61	1 142.95	1 141.93	1 137.59	1 125.25	1 120.83	1 114.46
1 469.80	1 486.71	1 501.89	1 517.00	1 527.00	1 544.07	1 562.36	1 573.66	1 580.64	1 586.87	1 594.16	1 603.05	1 617.27	1 628.26	1 636.10	1 645.75	1 657.11
181.19	144.91	115.64	112.77	109.56	107.21	104.85	99.73	92.82	94.91	88.81	80.87	74.98	68.23	61.62	55.38	48.67
144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83	144.83
914.46	912.04	949.23	960.54	990.72	972.13	958.52	952.39	941.30	941.58	941.33	942.06	936.77	928.84	935.31	921.74	925.90
180.95	184.93	188.99	192.31	195.21	198.42	201.45	203.42	204.77	206.01	207.68	209.63	212.07	213.78	214.91	216.27	218.01

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>5.50</b>	<b>5.42</b>	<b>5.35</b>	<b>5.28</b>	<b>5.21</b>	<b>5.15</b>	<b>5.09</b>	<b>5.03</b>	<b>4.96</b>	<b>4.89</b>	<b>4.82</b>	<b>4.76</b>	<b>4.70</b>	<b>4.64</b>	<b>4.58</b>	<b>4.52</b>	<b>4.45</b>
1.38	1.36	1.33	1.30	1.28	1.25	1.23	1.20	1.18	1.16	1.14	1.12	1.09	1.07	1.05	1.03	1.01
0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75	0.74	0.73	0.73	0.72	0.72	0.71	0.71
2.24	2.20	2.16	2.13	2.10	2.07	2.04	2.01	1.99	1.96	1.93	1.91	1.89	1.87	1.85	1.82	1.80
1.47	1.46	1.44	1.43	1.41	1.40	1.39	1.38	1.37	1.36	1.35	1.34	1.33	1.32	1.31	1.29	1.28





	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>11.91</b>	<b>11.54</b>	<b>11.70</b>	<b>12.05</b>	<b>12.58</b>	<b>12.76</b>	<b>12.62</b>	<b>12.70</b>	<b>12.67</b>	<b>12.63</b>	<b>12.62</b>	<b>12.68</b>	<b>12.72</b>	<b>12.77</b>
Aviation Fuel	0.15	0.14	0.14	0.17	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20
Diesel	4.24	3.94	3.71	3.94	4.25	4.24	4.18	4.21	4.22	4.22	4.21	4.22	4.24	4.25
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lubricants	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Motor Gasoline	7.47	7.41	7.83	7.92	8.12	8.31	8.24	8.28	8.24	8.21	8.20	8.24	8.26	8.30
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	25.65	24.65	25.24	26.06	26.29	26.71	26.55	26.66	26.69	26.69	26.67	26.82	26.91	27.00
Total Electric and Steam Energy Demand for Generation	0.76	0.69	0.40	0.57	0.37	1.27	1.01	1.24	2.18	2.41	2.43	2.66	2.83	2.65
Less Electricity and Steam Secondary Demand	3.45	3.53	3.64	3.57	3.82	3.79	3.85	3.88	3.94	3.98	4.00	4.06	4.09	4.11
<b>Total Primary Demand</b>	<b>22.96</b>	<b>21.81</b>	<b>22.00</b>	<b>23.06</b>	<b>22.83</b>	<b>24.19</b>	<b>23.71</b>	<b>24.03</b>	<b>24.92</b>	<b>25.12</b>	<b>25.10</b>	<b>25.43</b>	<b>25.65</b>	<b>25.55</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RPP	22.53	21.39	21.55	22.57	22.22	23.68	23.18	23.25	23.90	23.86	23.59	23.67	23.64	23.29
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.43	0.42	0.45	0.49	0.61	0.52	0.52	0.78	1.02	1.27	1.51	1.76	2.01	2.25
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>8.36</b>	<b>7.99</b>	<b>7.82</b>	<b>7.79</b>	<b>7.65</b>	<b>7.66</b>	<b>7.47</b>	<b>7.35</b>	<b>7.15</b>	<b>7.00</b>	<b>6.88</b>	<b>6.75</b>	<b>6.63</b>	<b>6.52</b>
Residential (PJ/Personal Income)	1.80	1.74	1.56	1.58	1.53	1.53	1.51	1.48	1.46	1.43	1.41	1.38	1.35	1.33
Commercial (PJ/GO)	1.24	1.21	1.25	1.31	1.29	1.25	1.21	1.18	1.16	1.14	1.11	1.10	1.08	1.06
Industrial (PJ/GO)	1.68	1.58	1.70	1.65	1.50	1.45	1.43	1.40	1.37	1.35	1.33	1.31	1.29	1.27
Transportation (PJ/GDP)	3.88	3.74	3.62	3.60	3.66	3.66	3.55	3.50	3.39	3.32	3.26	3.19	3.13	3.08

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>12.83</b>	<b>12.97</b>	<b>13.11</b>	<b>13.25</b>	<b>13.37</b>	<b>13.50</b>	<b>13.64</b>	<b>13.79</b>	<b>13.93</b>	<b>14.09</b>	<b>14.24</b>	<b>14.37</b>	<b>14.54</b>	<b>14.71</b>	<b>14.86</b>	<b>15.00</b>	<b>15.14</b>
0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23
4.26	4.30	4.33	4.36	4.38	4.41	4.45	4.48	4.51	4.56	4.60	4.65	4.71	4.76	4.81	4.86	4.92
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
8.35	8.44	8.55	8.66	8.75	8.85	8.95	9.07	9.18	9.29	9.38	9.47	9.58	9.70	9.79	9.88	9.96
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
27.11	27.36	27.62	27.89	28.09	28.30	28.54	28.80	29.03	29.28	29.52	29.75	30.03	30.31	30.54	30.77	31.01
2.89	3.12	3.34	3.52	3.69	3.83	3.95	4.07	4.18	4.30	4.42	4.54	4.65	4.77	4.89	5.01	5.12
4.13	4.17	4.21	4.25	4.27	4.30	4.33	4.36	4.38	4.40	4.42	4.43	4.46	4.47	4.49	4.50	4.51
<b>25.87</b>	<b>26.32</b>	<b>26.75</b>	<b>27.16</b>	<b>27.50</b>	<b>27.84</b>	<b>28.16</b>	<b>28.51</b>	<b>28.84</b>	<b>29.18</b>	<b>29.52</b>	<b>29.85</b>	<b>30.23</b>	<b>30.60</b>	<b>30.94</b>	<b>31.28</b>	<b>31.62</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23.37	23.57	23.78	23.99	24.16	24.34	24.54	24.76	24.96	25.18	25.40	25.60	25.86	26.11	26.33	26.54	26.76
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.50	2.75	2.97	3.17	3.34	3.49	3.62	3.75	3.88	4.00	4.12	4.25	4.37	4.50	4.62	4.74	4.86

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>6.41</b>	<b>6.32</b>	<b>6.24</b>	<b>6.15</b>	<b>6.08</b>	<b>6.01</b>	<b>5.94</b>	<b>5.88</b>	<b>5.82</b>	<b>5.77</b>	<b>5.71</b>	<b>5.65</b>	<b>5.60</b>	<b>5.55</b>	<b>5.50</b>	<b>5.45</b>	<b>5.39</b>
1.30	1.27	1.24	1.22	1.19	1.17	1.14	1.12	1.09	1.07	1.05	1.02	1.00	0.98	0.96	0.94	0.92
1.05	1.04	1.02	1.01	1.00	1.00	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93
1.25	1.23	1.21	1.20	1.18	1.17	1.15	1.14	1.12	1.11	1.10	1.09	1.07	1.06	1.05	1.04	1.02
3.04	3.00	2.96	2.92	2.89	2.87	2.84	2.82	2.79	2.78	2.75	2.73	2.71	2.70	2.68	2.66	2.63

Table A2.40: Demand, Fortified Islands, Quebec

## Section 1: End Use Energy Prices (C\$2005/GJ)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Residential</b>														
Electricity	18.74	18.32	17.71	17.06	16.24	14.60	17.41	18.51	18.90	19.17	19.54	19.22	19.17	19.47
Natural Gas	9.71	9.81	9.49	9.37	9.64	10.53	11.51	12.77	15.12	15.49	15.35	15.20	15.04	14.87
Light Fuel Oil	14.95	14.45	13.37	15.55	15.57	19.10	20.13	19.87	20.25	20.69	20.50	20.30	20.08	19.86
<b>Commercial</b>														
Electricity	20.07	19.53	18.89	18.09	17.26	15.69	19.35	20.77	21.22	21.55	22.01	21.60	21.54	21.93
Natural Gas	7.20	7.18	6.53	6.67	6.87	7.95	9.12	10.48	12.85	13.24	13.12	12.99	12.85	12.71
Light Fuel Oil	14.95	14.45	13.37	15.55	15.82	19.33	20.35	20.08	20.46	20.89	20.70	20.50	20.28	20.05
<b>Industrial</b>														
Electricity	10.83	11.01	10.53	10.78	9.76	8.77	10.27	10.87	11.09	11.24	11.46	11.27	11.25	11.42
Natural Gas	4.61	4.69	5.23	5.21	5.33	6.52	7.80	9.21	11.59	11.99	11.88	11.77	11.64	11.51
Heavy Fuel Oil	10.42	10.07	9.32	10.84	11.03	14.87	16.22	16.11	16.54	17.00	16.84	16.68	16.50	16.32
<b>Transportation</b>														
Gasoline	29.74	30.31	30.29	30.29	30.29	32.80	32.81	32.03	32.30	32.63	32.33	32.02	31.68	31.33
Diesel	26.43	26.45	24.94	25.23	25.23	28.09	28.45	27.85	28.16	28.52	28.26	27.99	27.69	27.38

Section 2: Secondary Demand (petajoules)  
(includes end use demand and feedstocks)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Total End Use</b>	<b>1 816.25</b>	<b>1 776.34</b>	<b>1 886.57</b>	<b>1 973.63</b>	<b>1 969.36</b>	<b>2 000.32</b>	<b>2 010.10</b>	<b>2 011.42</b>	<b>1 993.04</b>	<b>1 980.78</b>	<b>1 959.68</b>	<b>1 968.07</b>	<b>1 981.89</b>	<b>1 992.24</b>
RPP <sup>1,2</sup>	752.43	762.26	800.17	856.59	861.11	871.91	875.24	876.90	865.02	862.00	855.95	857.52	863.09	867.57
Electric	630.44	635.48	661.26	695.88	690.09	708.23	718.30	723.75	725.14	722.68	715.81	724.65	733.32	740.30
Natural Gas	239.67	200.21	224.37	217.35	220.74	221.29	217.96	212.60	205.36	199.99	193.58	189.25	184.90	180.52
Biofuels & Emerging Energy <sup>3</sup>	161.43	148.07	167.41	170.61	167.64	167.85	167.78	168.13	167.35	166.59	165.52	167.81	171.68	174.90
Other <sup>4</sup>	32.29	30.33	33.36	33.21	29.78	31.04	30.81	30.03	30.16	29.52	28.82	28.83	28.89	28.96
<b>Residential Sector</b>	<b>327.49</b>	<b>309.54</b>	<b>323.32</b>	<b>348.27</b>	<b>354.04</b>	<b>354.09</b>	<b>362.03</b>	<b>369.52</b>	<b>368.20</b>	<b>370.24</b>	<b>370.35</b>	<b>372.95</b>	<b>375.87</b>	<b>377.10</b>
Biomass	60.27	55.95	59.97	64.06	66.25	66.18	68.01	70.01	70.37	71.35	71.99	73.15	74.38	75.30
Electricity	186.45	183.31	191.71	206.57	209.39	211.14	216.99	222.24	222.08	223.79	224.23	226.28	228.52	229.59
Natural Gas	28.25	23.65	26.12	28.15	27.56	27.33	27.73	28.03	27.57	27.41	27.13	26.97	26.81	26.57
RPP	52.52	46.63	45.52	49.50	50.84	49.45	49.30	49.24	48.19	47.68	47.00	46.56	46.16	45.63
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Commercial Sector</b>	<b>226.69</b>	<b>227.25</b>	<b>246.67</b>	<b>270.78</b>	<b>260.10</b>	<b>272.53</b>	<b>274.37</b>	<b>274.60</b>	<b>270.32</b>	<b>269.14</b>	<b>266.26</b>	<b>266.28</b>	<b>266.20</b>	<b>265.68</b>
Biomass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	118.16	117.87	122.63	125.08	128.37	134.11	135.93	137.03	136.40	136.75	136.28	137.32	138.37	138.91
Natural Gas	75.07	69.95	76.84	79.92	77.91	81.44	81.24	80.16	77.02	75.33	73.19	71.86	70.53	69.36
RPP	33.47	39.43	47.21	65.78	53.81	56.97	57.20	57.40	56.90	57.06	56.79	57.10	57.30	57.41
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Industrial Sector</b>	<b>794.58</b>	<b>775.49</b>	<b>817.68</b>	<b>839.95</b>	<b>829.63</b>	<b>842.40</b>	<b>839.69</b>	<b>830.58</b>	<b>825.25</b>	<b>814.84</b>	<b>800.48</b>	<b>805.40</b>	<b>813.29</b>	<b>821.15</b>
Biomass	101.16	92.12	107.44	106.55	101.39	101.67	99.78	98.12	96.98	95.23	93.53	94.66	97.30	99.60
Coal, Coke & Coke Oven Gas	27.59	25.70	26.99	27.18	24.89	26.15	26.06	25.43	25.70	25.16	24.61	24.74	24.96	25.19
Electricity	324.75	333.22	345.91	363.19	351.28	361.97	364.38	363.50	365.72	361.20	354.39	360.15	365.53	370.90
Natural Gas	136.32	106.57	121.37	109.23	115.22	112.48	108.95	104.37	100.75	97.24	93.25	90.41	87.54	84.57
LPG & Petroleum Feedstocks	22.58	27.46	30.24	31.42	35.01	35.10	35.94	36.51	36.68	37.39	38.03	38.97	39.96	41.26
RPP	95.63	95.72	87.27	103.64	102.34	106.77	105.20	102.94	100.40	99.08	97.02	95.68	95.45	94.80
Still Gas & Petroleum Coke	81.84	90.06	92.10	92.71	94.60	93.38	94.63	95.10	94.56	95.17	95.44	96.69	98.61	101.07
Solar and Geothermal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	4.69	4.63	6.37	6.02	4.89	4.89	4.75	4.60	4.46	4.36	4.21	4.09	3.93	3.76

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
19.60	19.84	20.12	20.42	20.75	21.15	21.40	21.71	22.26	22.88	23.57	24.27	25.04	25.82	26.71	27.72	28.78
14.71	14.57	14.44	14.33	14.23	14.14	14.08	14.02	13.98	13.93	13.88	13.83	13.78	13.73	13.68	13.64	13.59
19.64	19.45	19.29	19.14	19.00	18.89	18.81	18.73	18.67	18.60	18.53	18.47	18.41	18.34	18.28	18.21	18.15
22.09	22.40	22.77	23.15	23.58	24.09	24.41	24.81	25.51	26.31	27.19	28.09	29.07	30.06	31.20	32.48	33.84
12.57	12.45	12.35	12.25	12.16	12.09	12.03	11.99	11.95	11.90	11.86	11.82	11.78	11.74	11.70	11.66	11.62
19.84	19.64	19.48	19.33	19.19	19.08	18.99	18.92	18.85	18.78	18.72	18.65	18.59	18.52	18.46	18.39	18.33
11.49	11.63	11.79	11.96	12.15	12.38	12.52	12.70	13.02	13.37	13.76	14.17	14.60	15.05	15.56	16.13	16.74
11.39	11.28	11.18	11.09	11.01	10.95	10.90	10.86	10.82	10.78	10.74	10.71	10.67	10.63	10.59	10.56	10.52
16.14	15.99	15.85	15.73	15.61	15.52	15.45	15.39	15.34	15.29	15.23	15.18	15.12	15.07	15.02	14.97	14.91
30.98	30.68	30.43	30.19	29.97	29.80	29.66	29.55	29.44	29.34	29.24	29.13	29.03	28.93	28.83	28.73	28.63
27.08	26.82	26.60	26.39	26.20	26.05	25.93	25.83	25.74	25.65	25.56	25.47	25.38	25.29	25.20	25.11	25.03

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>1 990.91</b>	<b>1 998.57</b>	<b>2 007.86</b>	<b>2 016.95</b>	<b>2 020.74</b>	<b>2 033.28</b>	<b>2 047.27</b>	<b>2 050.29</b>	<b>2 045.61</b>	<b>2 039.15</b>	<b>2 036.50</b>	<b>2 038.05</b>	<b>2 046.37</b>	<b>2 046.75</b>	<b>2 039.79</b>	<b>2 036.00</b>	<b>2 036.88</b>
867.63	874.42	881.14	889.52	894.45	902.90	911.71	918.04	921.85	925.09	929.02	933.72	941.17	946.82	950.40	954.92	961.37
742.05	744.00	746.58	747.79	747.75	751.12	754.99	752.65	746.59	739.42	734.25	731.43	731.41	726.70	717.85	710.34	704.44
175.86	172.76	170.36	168.01	165.36	163.58	162.30	160.61	158.68	156.99	155.78	155.12	155.02	154.77	154.42	154.55	155.23
176.64	178.91	181.52	183.67	185.54	188.10	190.71	192.07	192.50	192.65	193.17	193.96	195.34	195.73	195.28	195.08	195.39
28.73	28.47	28.26	27.96	27.64	27.58	27.56	26.93	25.99	24.99	24.28	23.82	23.43	22.73	21.84	21.10	20.45
<b>376.70</b>	<b>378.31</b>	<b>380.53</b>	<b>382.10</b>	<b>382.57</b>	<b>383.57</b>	<b>384.44</b>	<b>385.18</b>	<b>384.83</b>	<b>383.79</b>	<b>382.47</b>	<b>381.18</b>	<b>380.89</b>	<b>379.89</b>	<b>377.97</b>	<b>375.94</b>	<b>373.90</b>
75.88	76.85	77.95	78.94	79.71	80.63	81.50	82.30	82.86	83.28	83.65	84.04	84.71	85.22	85.51	85.80	86.12
229.58	230.67	232.05	232.94	233.05	233.38	233.57	233.66	233.01	231.86	230.45	228.97	227.93	226.40	224.28	222.00	219.62
26.25	26.12	26.05	25.95	25.81	25.73	25.66	25.61	25.51	25.40	25.29	25.22	25.24	25.25	25.20	25.18	25.19
44.99	44.67	44.48	44.27	44.00	43.84	43.71	43.62	43.45	43.25	43.07	42.95	43.01	43.03	42.97	42.95	42.97
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>264.28</b>	<b>264.00</b>	<b>264.03</b>	<b>264.53</b>	<b>264.39</b>	<b>264.90</b>	<b>265.61</b>	<b>266.03</b>	<b>266.16</b>	<b>266.25</b>	<b>266.35</b>	<b>266.52</b>	<b>267.26</b>	<b>267.69</b>	<b>267.82</b>	<b>268.24</b>	<b>269.11</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.89	139.19	139.52	139.96	139.94	140.09	140.23	140.18	139.87	139.35	138.69	137.92	137.27	136.37	135.21	134.05	132.94
68.08	67.32	66.76	66.44	66.07	65.99	66.08	66.11	66.14	66.34	66.64	67.08	67.77	68.47	69.18	70.05	71.18
57.32	57.49	57.75	58.13	58.38	58.82	59.30	59.74	60.15	60.56	61.02	61.52	62.21	62.85	63.44	64.14	64.99
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>821.24</b>	<b>823.83</b>	<b>826.88</b>	<b>829.39</b>	<b>829.86</b>	<b>835.71</b>	<b>843.16</b>	<b>840.97</b>	<b>833.96</b>	<b>826.49</b>	<b>823.00</b>	<b>823.15</b>	<b>827.11</b>	<b>825.21</b>	<b>818.46</b>	<b>814.30</b>	<b>813.61</b>
100.76	102.07	103.57	104.72	105.83	107.47	109.21	109.77	109.64	109.37	109.53	109.91	110.63	110.52	109.76	109.28	109.28
25.14	25.03	24.94	24.77	24.58	24.64	24.72	24.20	23.36	22.47	21.83	21.45	21.12	20.48	19.65	18.98	18.37
372.69	373.24	374.11	373.99	373.86	376.73	380.27	377.89	372.78	367.29	364.18	363.61	365.27	362.99	357.43	353.35	350.94
81.52	79.32	77.54	75.61	73.48	71.86	70.55	68.88	67.02	65.24	63.85	62.83	62.00	61.05	60.04	59.31	58.86
41.84	42.91	43.84	44.99	45.83	46.77	47.76	48.47	49.06	49.69	50.37	51.03	51.91	52.70	53.37	54.04	54.82
93.70	93.97	93.62	93.71	93.00	92.95	93.16	92.75	91.93	91.19	90.75	90.55	90.58	90.31	89.81	89.71	90.32
102.00	103.85	105.95	108.40	110.24	112.35	114.65	116.28	117.53	118.71	120.05	121.40	123.29	124.91	126.21	127.49	128.94
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.59	3.44	3.32	3.19	3.06	2.94	2.84	2.74	2.63	2.53	2.44	2.37	2.31	2.25	2.18	2.13	2.08

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>467.49</b>	<b>464.07</b>	<b>498.90</b>	<b>514.63</b>	<b>525.59</b>	<b>531.30</b>	<b>534.01</b>	<b>536.71</b>	<b>529.28</b>	<b>526.56</b>	<b>522.60</b>	<b>523.43</b>	<b>526.53</b>	<b>528.31</b>
Aviation Fuel	26.71	29.05	53.27	48.27	47.16	47.72	48.30	48.88	49.46	50.06	50.66	51.27	51.88	52.50
Diesel	144.55	132.90	134.39	146.47	154.93	161.50	163.59	164.89	162.89	162.44	161.31	161.43	162.61	163.12
Electric	1.08	1.07	1.02	1.04	1.05	1.01	0.99	0.98	0.95	0.93	0.91	0.91	0.90	0.90
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	13.09	15.84	16.28	16.32	16.86	17.03	17.20	17.37	17.54	17.72	17.90	18.08	18.26	18.44
LPG	0.57	0.87	0.54	0.46	0.61	0.59	0.57	0.55	0.52	0.50	0.47	0.46	0.44	0.43
Lubricants	1.98	1.81	1.72	2.00	2.02	2.06	2.13	2.19	2.22	2.26	2.28	2.33	2.39	2.44
Motor Gasoline	279.48	282.48	291.64	300.02	302.93	301.34	301.20	301.82	295.66	292.64	289.04	288.95	290.03	290.47
Natural Gas	0.03	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.01
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	1816.25	1776.34	1886.56	1973.63	1969.36	2000.32	2010.10	2011.42	1993.04	1980.78	1959.68	1968.07	1981.89	1992.24
Total Electric and Steam Energy Demand for Generation	695.50	661.47	684.37	689.43	685.34	758.02	781.79	796.48	810.88	826.90	801.18	850.28	882.55	889.46
Less Electricity and Steam Secondary Demand	635.13	640.10	667.63	701.91	694.97	713.12	723.05	728.35	729.60	727.04	720.02	728.75	737.25	744.07
<b>Total Primary Demand</b>	<b>1 876.62</b>	<b>1 797.71</b>	<b>1 903.31</b>	<b>1 961.16</b>	<b>1 959.72</b>	<b>2 045.22</b>	<b>2 068.83</b>	<b>2 079.55</b>	<b>2 074.32</b>	<b>2 080.64</b>	<b>2 040.84</b>	<b>2 089.60</b>	<b>2 127.19</b>	<b>2 137.63</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	247.51	206.36	232.20	223.19	225.25	227.11	243.37	238.00	230.77	225.39	218.99	214.65	210.31	205.92
RPP	757.67	768.98	807.20	882.30	882.36	929.74	933.07	934.73	922.85	915.99	906.04	907.61	913.18	917.66
Coal, Coke and Coke Oven Gas	27.59	25.70	26.99	27.18	24.89	26.15	26.06	25.43	25.70	25.16	24.61	24.74	24.96	25.19
Hydro	625.12	593.34	616.35	616.14	602.34	628.98	633.16	643.46	652.30	681.05	696.98	697.21	709.49	710.84
Nuclear	56.68	54.58	52.54	41.12	56.57	57.75	57.75	57.75	57.75	43.31	0.00	43.31	57.75	57.75
Biofuels & Emerging Energy	162.06	148.75	168.03	171.22	168.31	175.49	175.43	180.18	184.95	189.74	194.23	202.08	211.50	220.27
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>8.35</b>	<b>8.01</b>	<b>8.17</b>	<b>8.49</b>	<b>8.20</b>	<b>8.09</b>	<b>7.91</b>	<b>7.75</b>	<b>7.58</b>	<b>7.41</b>	<b>7.27</b>	<b>7.15</b>	<b>7.04</b>	<b>6.95</b>
Residential (PJ/Personal Income)	1.81	1.68	1.75	1.86	1.85	1.81	1.80	1.78	1.76	1.74	1.71	1.69	1.66	1.64
Commercial (PJ/GO)	1.00	0.98	1.02	1.11	1.02	1.04	1.02	1.00	0.97	0.95	0.93	0.91	0.89	0.88
Industrial (PJ/GO)	4.52	4.36	4.45	4.65	4.46	4.33	4.17	4.02	3.89	3.78	3.68	3.61	3.54	3.49
Transportation (PJ/GDP)	2.15	2.09	2.16	2.21	2.19	2.15	2.10	2.07	2.01	1.97	1.94	1.90	1.87	1.84

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>528.68</b>	<b>532.44</b>	<b>536.41</b>	<b>540.93</b>	<b>543.92</b>	<b>549.09</b>	<b>554.05</b>	<b>558.11</b>	<b>560.66</b>	<b>562.62</b>	<b>564.69</b>	<b>567.20</b>	<b>571.11</b>	<b>573.96</b>	<b>575.54</b>	<b>577.53</b>	<b>580.26</b>
53.13	53.77	54.42	55.07	55.73	56.40	57.08	57.76	58.45	59.16	59.87	60.58	61.31	62.05	62.79	63.54	64.31
163.07	164.68	165.63	167.08	167.59	169.01	170.64	171.54	171.83	172.00	172.34	172.92	173.74	174.18	174.27	174.69	175.76
0.89	0.90	0.90	0.90	0.91	0.91	0.92	0.92	0.93	0.93	0.93	0.93	0.94	0.94	0.94	0.94	0.94
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18.62	18.81	19.00	19.19	19.38	19.57	19.77	19.97	20.17	20.37	20.57	20.78	20.98	21.19	21.41	21.62	21.84
0.42	0.41	0.40	0.39	0.38	0.38	0.38	0.37	0.37	0.36	0.36	0.36	0.36	0.35	0.35	0.35	0.35
2.47	2.52	2.57	2.62	2.66	2.72	2.77	2.81	2.85	2.88	2.92	2.95	3.00	3.04	3.07	3.11	3.14
290.06	291.35	293.49	295.67	297.26	300.09	302.51	304.73	306.07	306.92	307.70	308.67	310.78	312.20	312.71	313.27	313.92
0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1990.90	1998.57	2007.85	2016.95	2020.74	2033.28	2047.26	2050.29	2045.61	2039.15	2036.50	2038.05	2046.37	2046.75	2039.79	2036.00	2036.88
895.21	901.89	911.80	916.83	922.46	927.85	932.76	937.67	942.58	947.49	952.40	957.31	962.22	967.13	970.93	975.70	980.75
745.64	747.44	749.90	750.98	750.81	754.07	757.83	755.39	749.21	741.95	736.70	733.80	733.72	728.95	720.04	712.47	706.52
<b>2 140.48</b>	<b>2 153.01</b>	<b>2 169.76</b>	<b>2 182.81</b>	<b>2 192.39</b>	<b>2 207.07</b>	<b>2 222.20</b>	<b>2 232.58</b>	<b>2 238.98</b>	<b>2 244.68</b>	<b>2 252.21</b>	<b>2 261.56</b>	<b>2 274.87</b>	<b>2 284.93</b>	<b>2 290.68</b>	<b>2 299.23</b>	<b>2 311.10</b>
201.27	198.17	195.76	193.41	190.77	188.98	187.70	186.01	184.09	182.39	181.19	180.52	180.42	180.17	179.83	179.96	180.63
917.72	925.24	932.45	939.61	944.54	952.99	961.80	968.12	971.94	975.18	979.10	983.81	991.26	996.91	999.38	1 003.76	1 010.35
25.14	25.03	24.94	24.77	24.58	24.64	24.72	24.20	23.36	22.47	21.83	21.45	21.12	20.48	19.65	18.98	18.37
711.04	711.43	715.43	716.39	716.84	717.20	717.20	717.20	717.20	717.20	717.20	717.20	717.20	717.20	717.20	717.20	717.20
57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75	57.75
227.57	235.40	243.43	250.87	257.91	265.51	273.03	279.30	284.64	289.70	295.13	300.83	307.12	312.42	316.87	321.58	326.81

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>6.87</b>	<b>6.79</b>	<b>6.71</b>	<b>6.63</b>	<b>6.56</b>	<b>6.49</b>	<b>6.43</b>	<b>6.36</b>	<b>6.28</b>	<b>6.21</b>	<b>6.14</b>	<b>6.08</b>	<b>6.02</b>	<b>5.96</b>	<b>5.89</b>	<b>5.82</b>	<b>5.76</b>
1.61	1.59	1.56	1.54	1.51	1.48	1.46	1.43	1.41	1.39	1.36	1.34	1.31	1.29	1.27	1.25	1.22
0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72
3.43	3.37	3.32	3.28	3.24	3.20	3.17	3.13	3.09	3.06	3.03	3.01	2.99	2.97	2.94	2.92	2.89
1.82	1.81	1.79	1.78	1.77	1.75	1.74	1.73	1.72	1.71	1.70	1.69	1.68	1.67	1.66	1.65	1.64





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>121.69</b>	<b>114.58</b>	<b>116.95</b>	<b>123.48</b>	<b>125.98</b>	<b>124.94</b>	<b>125.78</b>	<b>128.68</b>	<b>125.31</b>	<b>124.17</b>	<b>122.47</b>	<b>121.75</b>	<b>121.24</b>	<b>120.72</b>
Aviation Fuel	2.33	2.60	2.57	2.23	2.03	2.05	2.07	2.08	2.10	2.12	2.13	2.15	2.17	2.19
Diesel	59.47	52.16	54.25	58.61	61.69	61.63	62.50	62.84	61.37	60.89	60.06	59.73	59.44	59.21
Electric	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.18	3.14	3.14	3.13	3.09	3.04	3.01
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.41	0.49	0.28	0.20	0.24	0.23	0.21	0.20	0.18	0.16	0.15	0.13	0.12	0.11
Lubricants	0.94	0.88	0.85	0.81	0.79	0.81	0.84	0.86	0.86	0.87	0.87	0.89	0.90	0.91
Motor Gasoline	58.51	58.41	58.96	61.59	61.18	60.18	60.11	59.47	57.62	56.94	56.09	55.73	55.53	55.26
Natural Gas	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03
<hr/>														
<b>Section 3: Primary Demand (petajoules)</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Total Secondary Demand	436.60	413.16	431.71	441.30	442.21	454.88	460.38	460.60	446.66	440.79	433.34	428.94	425.44	422.46
Total Electric and Steam Energy Demand for Generation	174.61	183.90	183.37	205.21	206.67	206.34	205.98	206.20	186.40	184.74	168.41	164.52	162.37	159.68
Less Electricity and Steam Secondary Demand	58.15	57.58	58.04	60.30	59.77	62.21	63.69	64.11	62.83	62.10	61.03	60.58	60.17	59.77
<b>Total Primary Demand</b>	<b>553.06</b>	<b>539.48</b>	<b>557.04</b>	<b>586.21</b>	<b>589.11</b>	<b>599.02</b>	<b>602.67</b>	<b>602.70</b>	<b>570.23</b>	<b>563.44</b>	<b>540.71</b>	<b>532.89</b>	<b>527.64</b>	<b>522.37</b>
<hr/>														
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	241.25	224.28	237.25	245.50	245.54	248.66	250.78	247.06	234.87	230.75	222.84	218.77	215.21	212.23
RPP	147.14	142.33	147.87	166.23	162.81	164.25	166.13	166.72	163.23	162.48	160.96	160.70	160.54	160.46
Coal, Coke and Coke Oven Gas	143.38	151.48	148.21	147.82	155.72	157.32	157.05	156.62	139.39	137.15	123.55	119.34	116.50	113.43
Hydro	10.96	8.60	10.20	12.29	9.88	11.48	11.48	11.48	11.48	11.48	11.48	11.48	11.89	11.89
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	10.33	12.78	13.51	14.37	15.16	17.31	17.23	20.81	21.26	21.58	21.88	22.60	23.50	24.35
<hr/>														
<b>Section 4: Ratios</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<hr/>														
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>13.99</b>	<b>13.44</b>	<b>14.30</b>	<b>14.21</b>	<b>13.80</b>	<b>13.83</b>	<b>13.57</b>	<b>13.26</b>	<b>12.85</b>	<b>12.55</b>	<b>12.32</b>	<b>12.06</b>	<b>11.81</b>	<b>11.60</b>
Residential (PJ/Personal Income)	2.30	2.29	2.38	2.14	2.01	2.19	2.16	2.11	2.08	2.04	2.00	1.95	1.91	1.87
Commercial (PJ/GO)	3.20	2.61	3.05	2.67	2.46	2.54	2.50	2.46	2.37	2.31	2.26	2.20	2.14	2.10
Industrial (PJ/GO)	6.35	6.80	7.07	7.98	7.70	7.49	7.34	7.06	6.81	6.62	6.46	6.28	6.12	5.98
Transportation (PJ/GDP)	3.90	3.73	3.88	3.98	3.93	3.80	3.71	3.70	3.60	3.54	3.48	3.42	3.37	3.32

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquefied petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam

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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>119.88</b>	<b>120.18</b>	<b>120.26</b>	<b>120.46</b>	<b>120.83</b>	<b>121.48</b>	<b>122.26</b>	<b>122.60</b>	<b>122.52</b>	<b>122.69</b>	<b>122.85</b>	<b>123.13</b>	<b>123.55</b>	<b>123.90</b>	<b>124.14</b>	<b>124.35</b>	<b>124.63</b>
2.20	2.22	2.24	2.26	2.27	2.29	2.31	2.33	2.35	2.37	2.39	2.40	2.42	2.44	2.46	2.48	2.50
58.78	59.06	58.98	59.06	59.23	59.58	60.04	60.22	60.15	60.25	60.40	60.64	60.91	61.16	61.35	61.58	61.89
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2.97	2.97	2.99	2.99	2.98	2.97	2.94	2.91	2.86	2.83	2.79	2.78	2.81	2.84	2.89	2.94	3.01
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.09	0.08	0.07	0.06	0.06	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.01
0.92	0.93	0.94	0.96	0.97	0.99	1.00	1.01	1.02	1.03	1.04	1.05	1.07	1.08	1.09	1.10	1.11
54.88	54.88	55.00	55.10	55.27	55.57	55.87	56.05	56.06	56.14	56.17	56.19	56.29	56.33	56.30	56.20	56.07
0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
417.61	418.08	415.15	412.55	414.62	417.99	419.93	418.61	414.98	413.12	411.25	409.90	408.65	407.14	405.93	404.47	403.60
155.63	153.18	150.67	147.94	137.85	136.34	128.16	126.89	125.00	118.75	116.93	115.41	113.68	111.65	108.79	106.45	104.27
59.10	58.76	58.34	57.86	57.50	57.24	57.10	56.53	55.62	54.95	54.30	53.79	53.23	52.59	51.96	51.30	50.66
<b>514.14</b>	<b>512.49</b>	<b>507.48</b>	<b>502.63</b>	<b>494.97</b>	<b>497.09</b>	<b>490.99</b>	<b>488.97</b>	<b>484.36</b>	<b>476.91</b>	<b>473.88</b>	<b>471.52</b>	<b>469.10</b>	<b>466.20</b>	<b>462.76</b>	<b>459.62</b>	<b>457.21</b>
208.97	209.28	206.60	204.19	205.88	207.84	210.62	209.20	206.51	204.94	204.19	202.71	201.06	199.51	199.38	198.17	197.36
159.35	159.82	159.66	159.72	160.55	161.89	163.05	163.71	163.84	164.27	164.75	165.43	166.31	167.11	167.78	168.48	169.31
108.92	105.82	103.07	100.15	89.67	88.13	77.73	76.33	74.25	67.94	65.07	63.37	61.45	59.18	55.18	52.49	49.91
11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89	11.89
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.00	25.67	26.26	26.67	26.97	27.34	27.70	27.84	27.87	27.88	27.96	28.12	28.39	28.50	28.52	28.59	28.73

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>11.41</b>	<b>11.27</b>	<b>11.07</b>	<b>10.88</b>	<b>10.81</b>	<b>10.75</b>	<b>10.63</b>	<b>10.51</b>	<b>10.36</b>	<b>10.23</b>	<b>10.10</b>	<b>9.98</b>	<b>9.85</b>	<b>9.73</b>	<b>9.61</b>	<b>9.50</b>	<b>9.38</b>
1.83	1.79	1.76	1.72	1.69	1.65	1.62	1.59	1.56	1.53	1.50	1.47	1.45	1.42	1.39	1.37	1.34
2.06	2.04	2.00	1.97	1.94	1.90	1.89	1.85	1.79	1.76	1.73	1.70	1.67	1.64	1.62	1.60	1.57
5.83	5.73	5.59	5.44	5.45	5.48	5.41	5.35	5.29	5.22	5.16	5.09	5.02	4.96	4.90	4.85	4.79
3.27	3.24	3.21	3.18	3.15	3.12	3.09	3.08	3.06	3.04	3.02	3.00	2.98	2.96	2.94	2.92	2.90





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Transportation</b>	<b>3.45</b>	<b>3.56</b>	<b>3.63</b>	<b>3.73</b>	<b>3.79</b>	<b>3.81</b>	<b>3.93</b>	<b>4.02</b>	<b>3.99</b>	<b>3.98</b>	<b>3.96</b>	<b>4.26</b>	<b>4.48</b>	<b>4.58</b>
Aviation Fuel	0.43	0.28	0.27	0.37	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48
Diesel	1.46	1.68	1.78	1.75	2.05	2.11	2.18	2.23	2.21	2.21	2.19	2.44	2.60	2.67
Electric	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ethanol	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heavy Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPG	0.01	0.02	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Lubricants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Motor Gasoline	1.56	1.58	1.54	1.56	1.31	1.25	1.29	1.31	1.30	1.29	1.28	1.31	1.36	1.37
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<b>Section 3: Primary Demand (petajoules)</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Total Secondary Demand	7.10	6.83	6.94	7.14	6.77	6.84	6.99	7.13	7.10	7.09	7.03	7.36	7.63	7.75
Total Electric and Steam Energy Demand for Generation	1.18	1.15	1.22	1.17	1.21	1.63	1.68	1.71	1.67	1.64	1.60	1.61	1.62	1.60
Less Electricity and Steam Secondary Demand	0.99	0.99	1.00	1.03	1.07	1.09	1.10	1.12	1.11	1.10	1.08	1.09	1.09	1.09
<b>Total Primary Demand</b>	<b>7.29</b>	<b>6.99</b>	<b>7.16</b>	<b>7.28</b>	<b>6.92</b>	<b>7.39</b>	<b>7.56</b>	<b>7.72</b>	<b>7.66</b>	<b>7.63</b>	<b>7.55</b>	<b>7.88</b>	<b>8.16</b>	<b>8.26</b>
<b>Primary Energy Demand by Fuel (petajoules)</b>														
Natural Gas	1.24	0.82	0.77	0.46	0.18	0.23	0.19	0.18	0.17	0.17	0.15	0.14	0.11	0.09
RPP	5.04	5.15	5.33	5.70	5.53	6.17	6.37	6.52	6.45	6.42	6.33	6.67	6.96	7.07
Coal, Coke and Coke Oven Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	0.94	0.95	0.99	1.03	1.10	0.90	0.91	0.91	0.89	0.87	0.86	0.86	0.86	0.86
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biofuels & Emerging Energy	0.06	0.07	0.07	0.10	0.11	0.09	0.10	0.11	0.15	0.18	0.21	0.22	0.23	0.24

<b>Section 4: Ratios</b>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Demand Intensity (PJ/\$2000 Billions)</b>														
<b>Total (PJ/GDP)</b>	<b>3.87</b>	<b>3.32</b>	<b>3.26</b>	<b>2.98</b>	<b>2.68</b>	<b>2.66</b>	<b>2.62</b>	<b>2.59</b>	<b>2.54</b>	<b>2.49</b>	<b>2.46</b>	<b>2.47</b>	<b>2.43</b>	<b>2.38</b>
Residential (PJ/Personal Income)	0.74	0.64	0.67	0.80	0.91	0.78	0.77	0.76	0.75	0.73	0.72	0.71	0.70	0.70
Commercial (PJ/GO)	0.78	0.72	0.66	0.71	0.58	0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.59	0.58
Industrial (PJ/GO)	3.26	2.10	2.08	1.70	0.90	0.99	0.84	0.79	0.78	0.74	0.70	0.55	0.46	0.41
Transportation (PJ/GDP)	1.88	1.73	1.71	1.56	1.50	1.48	1.47	1.46	1.42	1.40	1.39	1.43	1.42	1.41

[1] Refined Petroleum Products (RPP)

[2] Includes asphalt, aviation fuel, diesel, gasoline, heavy fuel oil, kerosene, light fuel oil, liquified petroleum gases (LPG), lubricants, naphtha specialties, oil, non-energy products, petroleum feedstocks, petroleum coke, still gas

[3] Includes biomass (wood), solar, geothermal, hydrogen, ethanol and biodiesel

[4] Includes coal, coke, coke oven gas and steam



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2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>4.51</b>	<b>4.39</b>	<b>4.48</b>	<b>4.51</b>	<b>4.55</b>	<b>4.69</b>	<b>5.08</b>	<b>5.21</b>	<b>5.11</b>	<b>5.04</b>	<b>5.10</b>	<b>5.18</b>	<b>5.29</b>	<b>5.35</b>	<b>5.40</b>	<b>5.46</b>	<b>5.53</b>
0.49	0.50	0.51	0.52	0.53	0.54	0.56	0.57	0.58	0.59	0.61	0.62	0.63	0.65	0.66	0.68	0.69
2.61	2.45	2.49	2.51	2.53	2.63	2.93	3.02	2.88	2.80	2.82	2.87	2.91	2.93	2.95	2.98	3.02
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.36	1.39	1.42	1.43	1.44	1.46	1.54	1.57	1.59	1.59	1.61	1.64	1.68	1.71	1.73	1.75	1.77
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
7.65	7.59	7.73	7.77	7.82	7.99	8.50	8.67	8.61	8.55	8.65	8.79	8.97	9.08	9.17	9.27	9.38
1.56	1.58	1.60	1.57	1.55	1.54	1.60	1.59	1.57	1.56	1.56	1.58	1.61	1.61	1.62	1.63	1.64
1.07	1.08	1.08	1.07	1.06	1.06	1.08	1.08	1.08	1.07	1.08	1.08	1.10	1.10	1.11	1.11	1.12
<b>8.15</b>	<b>8.09</b>	<b>8.24</b>	<b>8.27</b>	<b>8.31</b>	<b>8.47</b>	<b>9.01</b>	<b>9.18</b>	<b>9.10</b>	<b>9.04</b>	<b>9.13</b>	<b>9.29</b>	<b>9.49</b>	<b>9.59</b>	<b>9.68</b>	<b>9.79</b>	<b>9.90</b>
0.08	0.07	0.06	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
6.97	6.90	7.05	7.09	7.14	7.30	7.82	7.98	7.88	7.81	7.90	8.05	8.23	8.32	8.41	8.51	8.61
0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02
0.85	0.85	0.85	0.85	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.86	0.86	0.86	0.86	0.87
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.25	0.26	0.27	0.28	0.29	0.29	0.31	0.32	0.34	0.34	0.35	0.36	0.37	0.38	0.38	0.39	0.39

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>2.33</b>	<b>2.21</b>	<b>2.18</b>	<b>2.16</b>	<b>2.14</b>	<b>2.14</b>	<b>2.13</b>	<b>2.13</b>	<b>2.09</b>	<b>2.06</b>	<b>2.05</b>	<b>2.02</b>	<b>2.00</b>	<b>1.99</b>	<b>1.97</b>	<b>1.97</b>	<b>1.96</b>
0.69	0.68	0.68	0.67	0.66	0.65	0.64	0.63	0.63	0.62	0.61	0.61	0.60	0.59	0.58	0.57	0.57
0.57	0.57	0.56	0.56	0.55	0.55	0.55	0.54	0.54	0.54	0.54	0.53	0.53	0.53	0.53	0.53	0.52
0.39	0.43	0.41	0.38	0.36	0.33	0.28	0.26	0.28	0.29	0.28	0.28	0.28	0.27	0.27	0.27	0.26
1.38	1.28	1.26	1.25	1.25	1.25	1.27	1.28	1.24	1.21	1.21	1.19	1.18	1.17	1.16	1.16	1.16

# Appendix 3

## Oil and Natural Gas Liquids

**Table A3.1 Crude Oil and Bitumen Reserves**

(10 <sup>6</sup> m <sup>3</sup> ) At Year-end 2006	Initial Reserves	Cumulative Production	Remaining Established Reserves
<b>Conventional Crude Oil</b>			
<b>Light</b>			
British Columbia	126.9	106.1	20.9
Alberta	2 329.6	2 148.0	181.6
Saskatchewan	252.0	219.7	32.6
Manitoba	41.5	37.0	4.5
<b>Subtotal - WCSB</b>	<b>2 750.0</b>	<b>2 510.8</b>	<b>239.6</b>
Ontario	14.7	13.1	1.6
Nova Scotia Offshore	7.0	7.0	0.0
Newfoundland Grand Banks	299.1	121.2	177.9
Mainland NWT & Yukon	52.8	37.1	15.7
Arctic Islands	0.5	0.5	0.0
<b>Subtotal - Frontier</b>	<b>359.4</b>	<b>165.8</b>	<b>193.6</b>
<b>Subtotal - Light</b>	<b>3 124.1</b>	<b>2 689.7</b>	<b>434.8</b>
<b>Heavy</b>			
Alberta	401.2	332.7	68.5
Saskatchewan	631.1	475.5	156.2
<b>Subtotal - Heavy</b>	<b>1 032.3</b>	<b>808.2</b>	<b>224.7</b>
<b>Total - Conventional</b>	<b>4 156.4</b>	<b>3 497.9</b>	<b>659.5</b>
<b>Oil Sands</b>			
Mining Projects	5 590.0	582.0	5 008.0
In Situ Projects	22 802.0	282.0	22 520.0
<b>Total - Oil Sands</b>	<b>28 392.0</b>	<b>864.0</b>	<b>27 528.0</b>

Sources:

Alberta EUB Reserves Report & Supply & Demand Report

Saskatchewan Reservoir Annual 2004

British Columbia Hydrocarbon and ByProducts Reserves 2003

Manitoba's Designated Oil Pools

CAPP for Ontario

Offshore Petroleum Board estimates of reserves for East Coast Offshore

NEB estimates for reserves in the mainland Territories and Arctic Islands

Table A3.2 Refinery Feedstock Requirements and Sources - Canada

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	100 569	99 600	99 550	105 493	108 936	106 176	106 057	112 468	119 381
Deduct Product Imports	-9 228	-11 536	-10 016	-12 862	-14 152	-16 233	-16 323	-19 953	-23 802
Add Product Exports	17 601	22 863	24 581	25 057	25 920	25 668	24 513	24 290	24 190
Net Regional Transfers -In/+Out	0	0	0	0	0	0	0	0	0
Product Inventory +Build/-Draw	-75	635	-295	-215	325	-38	614	0	0
<b>Total</b>	<b>108 867</b>	<b>111 562</b>	<b>113 822</b>	<b>117 474</b>	<b>121 028</b>	<b>115 572</b>	<b>114 861</b>	<b>116 805</b>	<b>119 768</b>
<b>Per Day</b>	<b>297.5</b>	<b>304.8</b>	<b>311.0</b>	<b>321.0</b>	<b>330.7</b>	<b>316.6</b>	<b>314.7</b>	<b>320.0</b>	<b>327.2</b>
<b>Feedstock Sources</b> (Thousands of Cubic Metres Per Day)									
Domestic: Heavy	31	30	30	31	35	32	35	31	30
Light	99	104	116	115	121	114	112	128	131
Imports: Heavy	31	28	17	17	18	18	17	18	18
Light	114	118	124	128	131	129	122	115	120
Other Material	23	23	24	31	26	24	28	29	29
Inventory Change	0.3	0.9	0.7	-0.4	0.6	-0.7	1.0	0.0	0.0
<b>Total Per Day</b>	<b>297.5</b>	<b>304.8</b>	<b>311.0</b>	<b>321.0</b>	<b>330.7</b>	<b>316.6</b>	<b>314.7</b>	<b>320.0</b>	<b>327.2</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	100 569	99 600	99 550	105 493	108 936	106 176	106 057	112 465	114 981
Deduct Product Imports	-9 228	-11 536	-10 016	-12 862	-14 152	-16 233	-16 323	-19 702	-22 806
Add Product Exports	17 601	22 863	24 581	25 057	25 920	25 668	24 513	24 290	24 190
Net Regional Transfers -In/+Out	0	0	0	0	0	0	0	0	0
Product Inventory +Build/-Draw	-75	635	-295	-215	325	-38	614	0	0
<b>Total</b>	<b>108 867</b>	<b>111 562</b>	<b>113 822</b>	<b>117 474</b>	<b>121 028</b>	<b>115 572</b>	<b>114 861</b>	<b>117 053</b>	<b>116 364</b>
<b>Per Day</b>	<b>297.5</b>	<b>304.8</b>	<b>311.0</b>	<b>321.0</b>	<b>330.7</b>	<b>316.6</b>	<b>314.7</b>	<b>320.7</b>	<b>317.9</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
122 831	127 143	129 990	133 630	136 855	139 222	143 214	147 835	150 722	153 086	155 290	157 826
-23 542	-24 907	-25 987	-26 174	-27 928	-27 482	-27 524	-27 290	-27 302	-27 232	-27 178	-27 083
24 090	23 890	23 940	23 790	23 690	23 640	23 640	23 190	23 190	23 190	23 190	23 190
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
<b>123 379</b>	<b>126 126</b>	<b>127 943</b>	<b>131 246</b>	<b>132 617</b>	<b>135 381</b>	<b>139 330</b>	<b>143 735</b>	<b>146 610</b>	<b>149 044</b>	<b>151 302</b>	<b>153 933</b>
<b>338.0</b>	<b>345.5</b>	<b>350.5</b>	<b>358.6</b>	<b>363.3</b>	<b>370.9</b>	<b>381.7</b>	<b>392.7</b>	<b>401.7</b>	<b>408.3</b>	<b>414.5</b>	<b>420.6</b>

35	36	36	36	37	37	37	38	38	38	38	38
128	128	128	135	151	162	174	187	193	195	196	198
18	18	18	18	18	18	18	18	18	18	18	18
128	134	138	138	127	122	121	118	121	124	129	132
29	29	30	30	31	31	32	32	32	33	33	33
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>338.0</b>	<b>345.5</b>	<b>350.5</b>	<b>358.6</b>	<b>363.3</b>	<b>370.9</b>	<b>381.7</b>	<b>392.7</b>	<b>401.7</b>	<b>408.3</b>	<b>414.5</b>	<b>420.6</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
114 932	116 064	116 811	117 149	118 882	119 827	121 101	122 977	123 959	124 510	125 234	126 045
-21 805	-22 455	-23 009	-22 611	-24 149	-23 816	-23 542	-23 116	-23 236	-23 279	-23 363	-23 427
24 090	23 890	23 940	23 790	23 690	23 640	23 640	23 190	23 190	23 190	23 190	23 190
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
<b>117 217</b>	<b>117 498</b>	<b>117 742</b>	<b>118 328</b>	<b>118 423</b>	<b>119 651</b>	<b>121 199</b>	<b>123 051</b>	<b>123 913</b>	<b>124 421</b>	<b>125 061</b>	<b>125 809</b>
<b>321.1</b>	<b>321.9</b>	<b>322.6</b>	<b>323.3</b>	<b>324.4</b>	<b>327.8</b>	<b>332.1</b>	<b>336.2</b>	<b>339.5</b>	<b>340.9</b>	<b>342.6</b>	<b>343.7</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
160 315	162 499	164 744	165 815	167 747	170 075	172 157	173 728	175 546	177 495
-27 055	-27 066	-27 154	-26 921	-26 894	-26 948	-26 993	-26 948	-26 962	-27 018
23 190	23 190	23 190	23 190	23 190	23 190	23 190	23 190	23 190	23 190
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
<b>156 449</b>	<b>158 623</b>	<b>160 780</b>	<b>162 083</b>	<b>164 043</b>	<b>166 316</b>	<b>168 354</b>	<b>169 969</b>	<b>171 774</b>	<b>173 667</b>
<b>428.6</b>	<b>434.6</b>	<b>440.5</b>	<b>442.9</b>	<b>449.4</b>	<b>455.7</b>	<b>461.2</b>	<b>464.4</b>	<b>470.6</b>	<b>475.8</b>

39	39	39	39	39	39	39	39	40	40
201	201	202	202	204	207	210	212	215	219
18	18	18	18	18	18	18	18	18	18
137	142	147	149	153	155	157	158	160	162
34	34	35	35	35	36	36	37	37	37
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>428.6</b>	<b>434.6</b>	<b>440.5</b>	<b>442.9</b>	<b>449.4</b>	<b>455.7</b>	<b>461.2</b>	<b>464.4</b>	<b>470.6</b>	<b>475.8</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
126 742	127 202	127 561	127 277	127 732	128 634	129 252	129 606	130 104	130 901
-23 572	-23 636	-23 686	-23 472	-23 467	-23 566	-23 598	-23 580	-23 597	-23 664
23 190	23 190	23 190	23 190	23 190	23 190	23 190	23 190	23 190	23 190
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
<b>126 360</b>	<b>126 756</b>	<b>127 065</b>	<b>126 995</b>	<b>127 456</b>	<b>128 258</b>	<b>128 844</b>	<b>129 216</b>	<b>129 698</b>	<b>130 427</b>
<b>346.2</b>	<b>347.3</b>	<b>348.1</b>	<b>347.0</b>	<b>349.2</b>	<b>351.4</b>	<b>353.0</b>	<b>353.0</b>	<b>355.3</b>	<b>357.3</b>

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Sources</b>									
(Thousands of Cubic Metres Per Day)									
Domestic: Heavy	31	30	30	31	35	32	35	31	30
Light	99	104	116	115	121	114	112	127	125
Imports: Heavy	31	28	17	17	18	18	17	18	18
Light	114	118	124	128	131	129	122	116	116
Other Material	23	23	24	31	26	24	28	29	29
Inventory Change	0.3	0.9	0.7	-0.4	0.6	-0.7	1.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Per Day</b>	<b>297.5</b>	<b>304.8</b>	<b>311.0</b>	<b>321.0</b>	<b>330.7</b>	<b>316.6</b>	<b>314.7</b>	<b>320.7</b>	<b>317.9</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

#### Fortified Islands

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b>									
(Thousands of Cubic Metres)									
Domestic Product Demand	100 569	99 600	99 550	105 493	108 936	106 176	106 057	114 016	117 089
Deduct Product Imports	-9 228	-11 536	-10 016	-12 862	-14 152	-16 233	-16 323	-20 010	-23 274
Add Product Exports	17 601	22 863	24 581	25 057	25 920	25 668	24 513	24 290	24 190
Net Regional Transfers -In/+Out	0	0	0	0	0	0	0	0	0
Product Inventory +Build/-Draw	-75	635	-295	-215	325	-38	614	0	0
<b>Total</b>	<b>108 867</b>	<b>111 562</b>	<b>113 822</b>	<b>117 474</b>	<b>121 028</b>	<b>115 572</b>	<b>114 861</b>	<b>118 296</b>	<b>118 005</b>
<b>Per Day</b>	<b>297.5</b>	<b>304.8</b>	<b>311.0</b>	<b>321.0</b>	<b>330.7</b>	<b>316.6</b>	<b>314.7</b>	<b>324.1</b>	<b>322.4</b>

#### Feedstock Sources

	2000	2001	2002	2003	2004	2005	2006	2007	2008
(Thousands of Cubic Metres Per Day)									
Domestic: Heavy	30.7	29.9	29.9	31.1	34.8	31.8	34.8	30.6	30.3
Light	99.0	104.5	115.5	114.9	121.1	114.3	111.6	130.7	128.8
Imports: Heavy	31.1	28.1	17.2	16.6	17.6	17.9	17.4	18.0	18.0
Light	113.8	118.1	123.6	127.9	130.9	129.4	121.8	116.1	116.7
Other Material	22.5	23.3	24.1	30.9	25.7	23.9	28.2	28.6	28.7
Inventory Change	0.3	0.9	0.7	-0.4	0.6	-0.7	1.0	0.0	0.0
<b>Total Per Day</b>	<b>297.5</b>	<b>304.8</b>	<b>311.0</b>	<b>321.0</b>	<b>330.7</b>	<b>316.6</b>	<b>314.7</b>	<b>324.1</b>	<b>322.4</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
35	36	36	36	37	37	37	37	37	37	37	36
118	112	110	112	123	132	132	134	134	133	133	132
18	18	18	18	18	18	18	18	18	18	18	18
120	126	129	127	116	110	113	116	118	120	122	124
29	29	30	30	31	31	32	32	32	33	33	33
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>321.1</b>	<b>321.9</b>	<b>322.6</b>	<b>323.3</b>	<b>324.4</b>	<b>327.8</b>	<b>332.1</b>	<b>336.2</b>	<b>339.5</b>	<b>340.9</b>	<b>342.6</b>	<b>343.7</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
117 430	118 391	119 899	121 164	124 692	125 576	128 661	131 302	133 014	134 899	136 878	139 600
-22 422	-23 166	-23 839	-23 823	-25 269	-24 462	-22 571	-21 833	-21 329	-21 016	-20 852	-20 808
24 090	23 890	23 940	23 790	23 690	40 140	40 140	39 690	39 690	39 690	39 690	39 690
0	0	0	0	0	0	-7 000	-7 000	-7 000	-7 000	-7 000	-7 000
0	0	0	0	0	0	0	0	0	0	0	0
<b>119 099</b>	<b>119 115</b>	<b>120 000</b>	<b>121 131</b>	<b>123 113</b>	<b>141 254</b>	<b>139 230</b>	<b>142 159</b>	<b>144 375</b>	<b>146 573</b>	<b>148 716</b>	<b>151 482</b>
<b>326.3</b>	<b>326.3</b>	<b>328.8</b>	<b>331.0</b>	<b>337.3</b>	<b>387.0</b>	<b>381.5</b>	<b>388.4</b>	<b>395.5</b>	<b>401.6</b>	<b>407.4</b>	<b>413.9</b>

35.3	35.9	36.1	36.5	37.1	37.7	42.1	42.3	42.9	43.2	43.5	43.7
123.8	123.0	120.9	122.6	141.8	155.8	176.2	181.3	201.5	203.5	206.5	216.4
17.9	18.1	18.1	18.1	18.1	31.7	27.9	27.8	27.9	27.9	27.9	27.8
120.0	119.9	123.5	123.4	109.5	130.7	103.7	105.1	91.0	94.3	96.4	92.5
29.3	29.5	30.1	30.4	30.7	31.2	31.6	31.9	32.4	32.7	33.1	33.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>326.3</b>	<b>326.3</b>	<b>328.8</b>	<b>331.0</b>	<b>337.3</b>	<b>387.0</b>	<b>381.5</b>	<b>388.4</b>	<b>395.5</b>	<b>401.6</b>	<b>407.4</b>	<b>413.9</b>

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2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
36	36	36	36	36	36	36	36	36	36
131	130	128	127	126	127	128	128	129	132
18	18	18	18	18	18	18	18	18	18
127	129	131	131	133	134	135	134	136	134
34	34	35	35	35	36	36	37	37	37
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>346.2</b>	<b>347.3</b>	<b>348.1</b>	<b>347.0</b>	<b>349.2</b>	<b>351.4</b>	<b>353.0</b>	<b>353.0</b>	<b>355.3</b>	<b>357.3</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
141 744	142 775	144 005	145 187	146 295	146 955	148 208	149 262	150 398	151 569
-20 667	-20 344	-20 102	-19 976	-19 868	-19 608	-19 533	-19 459	-19 378	-19 278
39 690	39 690	39 690	39 690	39 690	39 690	39 690	39 690	39 690	39 690
-7 000	-7 000	-7 000	-7 000	-7 000	-7 000	-7 000	-7 000	-7 000	-7 000
0	0	0	0	0	0	0	0	0	0
<b>153 767</b>	<b>155 121</b>	<b>156 593</b>	<b>157 901</b>	<b>159 117</b>	<b>160 037</b>	<b>161 365</b>	<b>162 493</b>	<b>163 711</b>	<b>164 981</b>
<b>421.3</b>	<b>425.0</b>	<b>429.0</b>	<b>431.4</b>	<b>435.9</b>	<b>438.5</b>	<b>442.1</b>	<b>444.0</b>	<b>448.5</b>	<b>452.0</b>

44.0	44.3	44.5	44.6	44.8	45.0	45.1	45.1	45.4	45.5
218.2	213.6	210.7	204.7	202.1	200.3	199.4	198.8	200.6	201.9
27.9	27.9	27.9	27.8	27.9	27.9	27.9	27.8	27.9	27.9
97.3	105.0	111.3	119.4	125.6	129.5	133.5	135.8	137.7	139.3
33.9	34.3	34.7	35.0	35.5	35.8	36.2	36.5	37.0	37.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>421.3</b>	<b>425.0</b>	<b>429.0</b>	<b>431.4</b>	<b>435.9</b>	<b>438.5</b>	<b>442.1</b>	<b>444.0</b>	<b>448.5</b>	<b>452.0</b>



Table A3.3 Refinery Feedstock Requirements and Sources - Atlantic

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	14 050	14 139	12 924	13 721	13 512	12 879	11 573	12 635	13 696
Deduct Product Imports	-4 153	-5 181	-3 778	-4 901	-4 629	-4 235	-3 130	-3 790	-4 109
Add Product Exports	11 199	16 448	17 258	18 486	18 567	18 970	18 041	18 500	18 500
Net Regional Transfers -In/+Out	-476	-433	-600	-640	-666	-914	-474	-690	-690
Product Inventory +Build/-Draw	-65	-122	-28	119	-6	-65	52	0	0
<b>Total</b>	<b>20 555</b>	<b>24 851</b>	<b>25 777</b>	<b>26 785</b>	<b>26 778</b>	<b>26 636</b>	<b>26 062</b>	<b>26 654</b>	<b>27 397</b>
<b>Per Day</b>	<b>56.2</b>	<b>67.9</b>	<b>70.4</b>	<b>73.2</b>	<b>73.2</b>	<b>73.0</b>	<b>71.4</b>	<b>73.0</b>	<b>74.9</b>
<b>Feedstock Sources</b> (Thousands of Cubic Metres Per Day)									
Domestic: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	2.5	4.7	8.8	10.2	6.6	8.8	8.0	13.1	12.8
Imports: Heavy	4.4	3.2	3.2	2.9	4.1	5.2	5.8	5.4	5.7
Light	45.6	54.3	53.1	54.5	57.2	54.5	50.9	48.2	50.1
Other Material	3.5	5.4	4.5	6.0	5.0	5.2	6.3	6.3	6.3
Inventory Change	0.2	0.3	0.7	-0.5	0.3	-0.7	0.4	0.0	0.0
<b>Total Per Day</b>	<b>56.2</b>	<b>67.9</b>	<b>70.4</b>	<b>73.2</b>	<b>73.2</b>	<b>73.0</b>	<b>71.4</b>	<b>73.0</b>	<b>74.9</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	14050	14139	12924	13721	13512	12879	11573	12648	12720
Deduct Product Imports	-4153	-5181	-3778	-4901	-4629	-4235	-3130	-3794	-3816
Add Product Exports	11199	16448	17258	18486	18567	18970	18041	18500	18500
Net Regional Transfers -In/+Out	-476	-433	-600	-640	-666	-914	-474	-690	-690
Product Inventory +Build/-Draw	-65	-122	-28	119	-6	-65	52	0	0
<b>Total</b>	<b>20555</b>	<b>24851</b>	<b>25777</b>	<b>26785</b>	<b>26778</b>	<b>26636</b>	<b>26062</b>	<b>26663</b>	<b>26714</b>
<b>Per Day</b>	<b>56.2</b>	<b>67.9</b>	<b>70.4</b>	<b>73.2</b>	<b>73.2</b>	<b>73.0</b>	<b>71.4</b>	<b>73.1</b>	<b>73.0</b>

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
13 840	13 913	13 763	13 456	13 586	13 755	13 628	14 104	13 800	13 771	13 771	13 586
-4 152	-4 174	-4 129	-4 037	-4 076	-4 127	-4 088	-4 231	-4 140	-4 131	-4 131	-4 076
18 500	18 500	18 500	18 500	18 500	18 500	18 500	18 500	18 500	18 500	18 500	18 500
-690	-690	-690	-690	-690	-690	-690	-690	-690	-690	-690	-690
0	0	0	0	0	0	0	0	0	0	0	0
<b>27 498</b>	<b>27 549</b>	<b>27 444</b>	<b>27 229</b>	<b>27 320</b>	<b>27 439</b>	<b>27 349</b>	<b>27 683</b>	<b>27 470</b>	<b>27 450</b>	<b>27 449</b>	<b>27 320</b>
<b>75.3</b>	<b>75.5</b>	<b>75.2</b>	<b>74.4</b>	<b>74.8</b>	<b>75.2</b>	<b>74.9</b>	<b>75.6</b>	<b>75.3</b>	<b>75.2</b>	<b>75.2</b>	<b>74.6</b>

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	8.1	6.6	6.3	11.0	13.1	10.4	11.5	10.9	10.1	9.4	8.5
5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
52.4	54.9	55.5	54.8	50.4	48.3	50.5	49.9	49.8	50.3	50.7	50.8
6.7	6.8	7.3	7.5	7.6	7.9	8.2	8.5	8.7	9.0	9.2	9.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>75.3</b>	<b>75.5</b>	<b>75.2</b>	<b>74.4</b>	<b>74.8</b>	<b>75.2</b>	<b>74.9</b>	<b>75.6</b>	<b>75.3</b>	<b>75.2</b>	<b>75.2</b>	<b>74.6</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
12396	12499	12169	11339	11320	11283	10921	11022	10988	10899	10805	10683
-3719	-3750	-3651	-3402	-3396	-3385	-3276	-3307	-3297	-3270	-3242	-3205
18500	18500	18500	18500	18500	18500	18500	18500	18500	18500	18500	18500
-690	-690	-690	-690	-690	-690	-690	-690	-690	-690	-690	-690
0	0	0	0	0	0	0	0	0	0	0	0
<b>26487</b>	<b>26560</b>	<b>26328</b>	<b>25748</b>	<b>25734</b>	<b>25708</b>	<b>25455</b>	<b>25526</b>	<b>25502</b>	<b>25439</b>	<b>25374</b>	<b>25288</b>
<b>72.6</b>	<b>72.8</b>	<b>72.1</b>	<b>70.3</b>	<b>70.5</b>	<b>70.4</b>	<b>69.7</b>	<b>69.7</b>	<b>69.9</b>	<b>69.7</b>	<b>69.5</b>	<b>69.1</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
13 603	13 640	13 730	12 929	12 986	13 103	13 195	13 094	13 159	13 237
-4 081	-4 092	-4 119	-3 879	-3 896	-3 931	-3 959	-3 928	-3 948	-3 971
18 500	18 500	18 500	18 500	18 500	18 500	18 500	18 500	18 500	18 500
-690	-690	-690	-690	-690	-690	-690	-690	-690	-690
0	0	0	0	0	0	0	0	0	0
<b>27 332</b>	<b>27 358</b>	<b>27 421</b>	<b>26 861</b>	<b>26 900</b>	<b>26 982</b>	<b>27 047</b>	<b>26 975</b>	<b>27 021</b>	<b>27 076</b>
<b>74.9</b>	<b>75.0</b>	<b>75.1</b>	<b>73.4</b>	<b>73.7</b>	<b>73.9</b>	<b>74.1</b>	<b>73.7</b>	<b>74.0</b>	<b>74.2</b>

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	6.4	5.2	4.4	3.6	3.2	3.0	2.8	2.5	2.3
5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
51.7	52.7	53.8	52.7	53.5	53.9	54.0	53.6	53.9	54.0
9.8	10.0	10.3	10.5	10.8	11.0	11.3	11.5	11.8	12.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>74.9</b>	<b>75.0</b>	<b>75.1</b>	<b>73.4</b>	<b>73.7</b>	<b>73.9</b>	<b>74.1</b>	<b>73.7</b>	<b>74.0</b>	<b>74.2</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
10646	10601	10587	9753	9704	9680	9660	9595	9596	9620
-3194	-3180	-3176	-2926	-2911	-2904	-2898	-2878	-2879	-2886
18500	18500	18500	18500	18500	18500	18500	18500	18500	18500
-690	-690	-690	-690	-690	-690	-690	-690	-690	-690
0	0	0	0	0	0	0	0	0	0
<b>25262</b>	<b>25231</b>	<b>25221</b>	<b>24637</b>	<b>24602</b>	<b>24586</b>	<b>24572</b>	<b>24526</b>	<b>24527</b>	<b>24544</b>
<b>69.2</b>	<b>69.1</b>	<b>69.1</b>	<b>67.3</b>	<b>67.4</b>	<b>67.4</b>	<b>67.3</b>	<b>67.0</b>	<b>67.2</b>	<b>67.2</b>

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	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Sources</b>									
(Thousands of Cubic Metres Per Day)									
Domestic: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	2.5	4.7	8.8	10.2	6.6	8.8	8.0	13.2	12.9
Imports: Heavy	4.4	3.2	3.2	2.9	4.1	5.2	5.8	5.4	5.7
Light	45.6	54.3	53.1	54.5	57.2	54.5	50.9	48.2	48.2
Other Material	3.5	5.4	4.5	6.0	5.0	5.2	6.3	6.3	6.3
Inventory Change	0.2	0.3	0.7	-0.5	0.3	-0.7	0.4	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Per Day</b>	<b>56.2</b>	<b>67.9</b>	<b>70.4</b>	<b>73.2</b>	<b>73.2</b>	<b>73.0</b>	<b>71.4</b>	<b>73.1</b>	<b>73.0</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

## Fortified Islands

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b>									
(Thousands of Cubic Metres)									
Domestic Product Demand	14 050	14 139	12 924	13 721	13 512	12 879	11 573	13 273	13 708
Deduct Product Imports	-4 153	-5 181	-3 778	-4 901	-4 629	-4 235	-3 130	-3 982	-4 112
Add Product Exports	11 199	16 448	17 258	18 486	18 567	18 970	18 041	18 500	18 500
Net Regional Transfers -In/+Out	- 476	- 433	- 600	- 640	- 666	- 914	- 474	- 690	- 690
Product Inventory +Build/-Draw	-65	-122	-28	119	-6	-65	52	0	0
<b>Total</b>	<b>20 555</b>	<b>24 851</b>	<b>25 777</b>	<b>26 785</b>	<b>26 778</b>	<b>26 636</b>	<b>26 062</b>	<b>27 101</b>	<b>27 405</b>
<b>Per Day</b>	<b>56.2</b>	<b>67.9</b>	<b>70.4</b>	<b>73.2</b>	<b>73.2</b>	<b>73.0</b>	<b>71.4</b>	<b>74.2</b>	<b>74.9</b>

## Feedstock Sources

	2000	2001	2002	2003	2004	2005	2006	2007	2008
(Thousands of Cubic Metres Per Day)									
Domestic: Heavy									
Light	2.5	4.7	8.8	10.2	6.6	8.8	8.0	13.7	13.4
Imports: Heavy	4.4	3.2	3.2	2.9	4.1	5.2	5.8	5.4	5.7
Light	45.6	54.3	53.1	54.5	57.2	54.5	50.9	48.9	49.5
Other Material	3.5	5.4	4.5	6.0	5.0	5.2	6.3	6.3	6.3
Inventory Change	0.2	0.3	0.7	-0.5	0.3	-0.7	0.4	0.0	0.0
<b>Total Per Day</b>	<b>56.2</b>	<b>67.9</b>	<b>70.4</b>	<b>73.2</b>	<b>73.2</b>	<b>73.0</b>	<b>71.4</b>	<b>74.2</b>	<b>74.9</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	7.6	6.2	5.6	9.9	12.1	7.8	7.0	6.4	5.9	5.6	5.1
5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
49.6	52.6	52.9	51.4	47.2	44.6	47.9	48.4	48.9	49.1	48.9	48.7
6.7	6.8	7.3	7.5	7.6	7.9	8.2	8.5	8.7	9.0	9.2	9.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>72.6</b>	<b>72.8</b>	<b>72.1</b>	<b>70.3</b>	<b>70.5</b>	<b>70.4</b>	<b>69.7</b>	<b>69.7</b>	<b>69.9</b>	<b>69.7</b>	<b>69.5</b>	<b>69.1</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
13 576	13 401	13 066	13 050	12 797	12 326	12 464	12 526	12 468	12 722	12 749	12 783
-4 073	-4 020	-3 920	-3 915	-3 839	-3 698	-3 739	-3 758	-3 740	-3 817	-3 825	-3 835
18 500	18 500	18 500	18 500	18 500	35 000	35 000	35 000	35 000	35 000	35 000	35 000
- 690	- 690	- 690	- 690	- 690	- 690	- 690	- 690	- 690	- 690	- 690	- 690
0	0	0	0	0	0	0	0	0	0	0	0
<b>27 314</b>	<b>27 191</b>	<b>26 956</b>	<b>26 945</b>	<b>26 768</b>	<b>42 938</b>	<b>43 035</b>	<b>43 078</b>	<b>43 038</b>	<b>43 215</b>	<b>43 235</b>	<b>43 258</b>
<b>74.8</b>	<b>74.5</b>	<b>73.9</b>	<b>73.6</b>	<b>73.3</b>	<b>117.6</b>	<b>117.9</b>	<b>117.7</b>	<b>117.9</b>	<b>118.4</b>	<b>118.5</b>	<b>118.2</b>

11.9	10.8	9.2	8.7	13.8	17.3	16.1	15.4	19.0	18.2	18.3	19.6
5.7	5.8	5.8	5.8	5.8	19.4	19.4	19.3	19.4	19.4	19.4	19.3
50.5	51.1	51.6	51.7	46.1	73.0	74.2	74.5	70.8	71.8	71.6	69.8
6.7	6.8	7.3	7.5	7.6	7.9	8.2	8.5	8.7	9.0	9.2	9.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>74.8</b>	<b>74.5</b>	<b>73.9</b>	<b>73.6</b>	<b>73.3</b>	<b>117.6</b>	<b>117.9</b>	<b>117.7</b>	<b>117.9</b>	<b>118.4</b>	<b>118.5</b>	<b>118.2</b>

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2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	3.9	3.1	2.6	2.1	1.9	1.8	1.8	1.6	2.3
5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
49.1	49.4	49.9	48.4	48.7	48.6	48.4	47.9	48.0	47.1
9.8	10.0	10.3	10.5	10.8	11.0	11.3	11.5	11.8	12.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>69.2</b>	<b>69.1</b>	<b>69.1</b>	<b>67.3</b>	<b>67.4</b>	<b>67.4</b>	<b>67.3</b>	<b>67.0</b>	<b>67.2</b>	<b>67.2</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
12 760	12 506	12 405	12 369	12 253	11 451	11 411	11 413	11 419	11 320
-3 828	-3 752	-3 722	-3 711	-3 676	-3 435	-3 423	-3 424	-3 426	-3 396
35 000	35 000	35 000	35 000	35 000	35 000	35 000	35 000	35 000	35 000
- 690	- 690	- 690	- 690	- 690	- 690	- 690	- 690	- 690	- 690
0	0	0	0	0	0	0	0	0	0
<b>43 242</b>	<b>43 064</b>	<b>42 994</b>	<b>42 968</b>	<b>42 887</b>	<b>42 326</b>	<b>42 298</b>	<b>42 299</b>	<b>42 304</b>	<b>42 234</b>
<b>118.5</b>	<b>118.0</b>	<b>117.8</b>	<b>117.4</b>	<b>117.5</b>	<b>116.0</b>	<b>115.9</b>	<b>115.6</b>	<b>115.9</b>	<b>115.7</b>

18.8	16.5	14.5	12.1	10.4	9.1	8.2	7.6	7.3	7.0
19.4	19.4	19.4	19.3	19.4	19.4	19.4	19.3	19.4	19.4
70.6	72.1	73.7	75.5	77.0	76.4	77.0	77.1	77.4	77.3
9.8	10.0	10.3	10.5	10.8	11.0	11.3	11.5	11.8	12.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>118.5</b>	<b>118.0</b>	<b>117.8</b>	<b>117.4</b>	<b>117.5</b>	<b>116.0</b>	<b>115.9</b>	<b>115.6</b>	<b>115.9</b>	<b>115.7</b>

Table A3.4 Refinery Feedstock Requirements and Sources - Quebec

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	20 018	19 827	20 325	21 918	22 252	21 624	22 240	23 117	23 994
Deduct Product Imports	-2 286	-2 979	-2 834	-4 336	-4 998	-7 073	-8 226	-8 300	-8 300
Add Product Exports	1 305	1 334	1 699	1 432	2 107	2 460	2 505	2 400	2 400
Net Regional Transfers -In/+Out	3 992	3 923	4 395	5 157	5 096	8 553	9 067	7 570	7 570
Product Inventory +Build/-Draw	-71	253	-143	20	5	84	51	0	0
<b>Total Per Day</b>	<b>22 958</b>	<b>22 359</b>	<b>23 443</b>	<b>24 192</b>	<b>24 463</b>	<b>25 648</b>	<b>25 638</b>	<b>24 787</b>	<b>25 664</b>
	<b>62.7</b>	<b>61.1</b>	<b>64.1</b>	<b>66.1</b>	<b>66.8</b>	<b>70.3</b>	<b>70.2</b>	<b>67.9</b>	<b>70.3</b>
<b>Feedstock Sources</b> (Thousands of Cubic Metres Per Day)									
Domestic: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	0.3	1.8	4.2	7.8	8.6	5.8	4.5	6.8	6.5
Imports: Heavy	26.7	24.9	14.0	13.7	13.5	12.8	11.6	12.6	12.3
Light	33.6	32.1	44.3	44.2	43.3	49.7	51.1	46.1	49.1
Other Material	1.9	1.9	0.8	0.9	1.1	1.9	2.4	2.4	2.4
Inventory Change	0.2	0.4	0.7	-0.5	0.3	0.0	0.6	0.0	0.0
<b>Total Per Day</b>	<b>62.7</b>	<b>61.1</b>	<b>64.1</b>	<b>66.1</b>	<b>66.8</b>	<b>70.3</b>	<b>70.2</b>	<b>67.9</b>	<b>70.3</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	20 018	19 827	20 325	21 918	22 252	21 624	22 240	23 878	23 446
Deduct Product Imports	-2 286	-2 979	-2 834	-4 336	-4 998	-7 073	-8 226	-8 300	-8 300
Add Product Exports	1 305	1 334	1 699	1 432	2 107	2 460	2 505	2 400	2 400
Net Regional Transfers -In/+Out	3 992	3 923	4 395	5 157	5 096	8 553	9 067	7 570	7 570
Product Inventory +Build/-Draw	-71.3	253.4	-142.7	19.9	5.3	83.8	51.3	0.0	0.0
<b>Total Per Day</b>	<b>22 958</b>	<b>22 359</b>	<b>23 443</b>	<b>24 192</b>	<b>24 463</b>	<b>25 648</b>	<b>25 638</b>	<b>25 548</b>	<b>25 116</b>
	<b>62.7</b>	<b>61.1</b>	<b>64.1</b>	<b>66.1</b>	<b>66.8</b>	<b>70.3</b>	<b>70.2</b>	<b>70.0</b>	<b>68.8</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
24 510	25 056	25 386	25 871	26 169	26 432	26 952	27 547	28 100	28 492	28 842	29 180
-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300
2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400
7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570
0	0	0	0	0	0	0	0	0	0	0	0
<b>26 180</b>	<b>26 726</b>	<b>27 056</b>	<b>27 541</b>	<b>27 839</b>	<b>28 102</b>	<b>28 622</b>	<b>29 217</b>	<b>29 770</b>	<b>30 162</b>	<b>30 512</b>	<b>30 850</b>
<b>71.7</b>	<b>73.2</b>	<b>74.1</b>	<b>75.5</b>	<b>76.3</b>	<b>77.0</b>	<b>78.4</b>	<b>80.0</b>	<b>81.6</b>	<b>82.6</b>	<b>83.6</b>	<b>84.3</b>
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	4.7	3.8	4.1	7.6	9.0	12.3	14.0	13.6	12.8	11.5	10.3
12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
51.8	53.8	55.6	56.6	54.0	53.2	51.4	51.3	53.3	55.1	57.3	59.3
2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>71.7</b>	<b>73.2</b>	<b>74.1</b>	<b>75.5</b>	<b>76.3</b>	<b>77.0</b>	<b>78.4</b>	<b>80.0</b>	<b>81.6</b>	<b>82.6</b>	<b>83.6</b>	<b>84.3</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
22 963	22 649	22 560	22 466	22 445	22 436	22 545	22 798	22 944	23 074	23 241	23 453
-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300
2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400
7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>24 633</b>	<b>24 319</b>	<b>24 230</b>	<b>24 136</b>	<b>24 115</b>	<b>24 106</b>	<b>24 215</b>	<b>24 468</b>	<b>24 614</b>	<b>24 744</b>	<b>24 911</b>	<b>25 123</b>
<b>67.5</b>	<b>66.6</b>	<b>66.4</b>	<b>66.1</b>	<b>66.1</b>	<b>66.0</b>	<b>66.3</b>	<b>67.0</b>	<b>67.4</b>	<b>67.8</b>	<b>68.2</b>	<b>68.6</b>



2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
29 484	29 795	30 098	30 402	30 718	31 129	31 476	31 759	32 063	32 397
-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300
2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400
7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570
0	0	0	0	0	0	0	0	0	0
<b>31 154</b>	<b>31 465</b>	<b>31 768</b>	<b>32 072</b>	<b>32 388</b>	<b>32 799</b>	<b>33 146</b>	<b>33 429</b>	<b>33 733</b>	<b>34 067</b>
<b>85.1</b>	<b>86.0</b>	<b>86.8</b>	<b>87.6</b>	<b>88.5</b>	<b>89.6</b>	<b>90.6</b>	<b>91.3</b>	<b>92.2</b>	<b>93.3</b>

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	7.6	6.3	5.3	4.4	3.9	3.4	3.1	2.7	2.5
12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
61.5	63.7	65.8	67.6	69.4	71.1	72.4	73.5	74.7	76.1
2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>85.1</b>	<b>86.0</b>	<b>86.8</b>	<b>87.6</b>	<b>88.5</b>	<b>89.6</b>	<b>90.6</b>	<b>91.3</b>	<b>92.2</b>	<b>93.3</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
23 609	23 701	23 730	23 802	23 882	24 070	24 197	24 270	24 366	24 545
-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-8 300
2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400
7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570	7 570
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>25 279</b>	<b>25 371</b>	<b>25 400</b>	<b>25 472</b>	<b>25 552</b>	<b>25 740</b>	<b>25 867</b>	<b>25 940</b>	<b>26 036</b>	<b>26 215</b>
<b>69.1</b>	<b>69.3</b>	<b>69.4</b>	<b>69.6</b>	<b>69.8</b>	<b>70.3</b>	<b>70.7</b>	<b>70.9</b>	<b>71.1</b>	<b>71.8</b>

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Sources</b>									
(Thousands of Cubic Metres Per Day)									
Domestic: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	0.3	1.8	4.2	7.8	8.6	5.8	4.5	6.8	6.5
Imports: Heavy	26.7	24.9	14.0	13.7	13.5	12.8	11.6	12.6	12.3
Light	33.6	32.1	44.3	44.2	43.3	49.7	51.1	48.2	47.5
Other Material	1.9	1.9	0.8	0.9	1.1	1.9	2.4	2.4	2.4
Inventory Change	0.2	0.4	0.7	-0.5	0.3	0.0	0.6	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Per Day</b>	<b>62.7</b>	<b>61.1</b>	<b>64.1</b>	<b>66.1</b>	<b>66.8</b>	<b>70.3</b>	<b>70.2</b>	<b>70.0</b>	<b>68.8</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

#### Fortified Islands

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b>									
(Thousands of Cubic Metres)									
Domestic Product Demand	20 018	19 827	20 325	21 918	22 252	21 624	22 240	23 835	23 513
Deduct Product Imports	-2 286	-2 979	-2 834	-4 336	-4 998	-7 073	-8 226	-8 300	-8 300
Add Product Exports	1 305	1 334	1 699	1 432	2 107	2 460	2 505	2 400	2 400
Net Regional Transfers -In/+Out	3 992	3 923	4 395	5 157	5 096	8 553	9 067	7 570	7 570
Product Inventory +Build/-Draw	-71	253	-143	20	5	84	51	0	0
<b>Total</b>	<b>22 958</b>	<b>22 359</b>	<b>23 443</b>	<b>24 192</b>	<b>24 463</b>	<b>25 648</b>	<b>25 638</b>	<b>25 505</b>	<b>25 183</b>
<b>Per Day</b>	<b>62.7</b>	<b>61.1</b>	<b>64.1</b>	<b>66.1</b>	<b>66.8</b>	<b>70.3</b>	<b>70.2</b>	<b>69.9</b>	<b>69.0</b>

#### Feedstock Sources

	2000	2001	2002	2003	2004	2005	2006	2007	2008
(Thousands of Cubic Metres Per Day)									
Domestic: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	0.3	1.8	4.2	7.8	8.6	5.8	4.5	7.1	6.8
Imports: Heavy	26.7	24.9	14.0	13.7	13.5	12.8	11.6	12.6	12.3
Light	33.6	32.1	44.3	44.2	43.3	49.7	51.1	47.8	47.4
Other Material	1.9	1.9	0.8	0.9	1.1	1.9	2.4	2.4	2.4
Inventory Change	0.2	0.4	0.7	-0.5	0.3	0.0	0.6	0.0	0.0
<b>Total Per Day</b>	<b>62.7</b>	<b>61.1</b>	<b>64.1</b>	<b>66.1</b>	<b>66.8</b>	<b>70.3</b>	<b>70.2</b>	<b>69.9</b>	<b>69.0</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	4.5	3.6	3.6	6.8	8.3	9.2	8.6	8.0	7.4	6.8	6.1
12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
47.5	47.4	48.1	47.7	44.5	43.0	42.4	43.7	44.7	45.6	46.7	47.8
2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>67.5</b>	<b>66.6</b>	<b>66.4</b>	<b>66.1</b>	<b>66.1</b>	<b>66.0</b>	<b>66.3</b>	<b>67.0</b>	<b>67.4</b>	<b>67.8</b>	<b>68.2</b>	<b>68.6</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
23 306	23 025	23 040	23 158	23 239	23 224	23 386	23 554	23 714	23 825	24 027	24 235
-8 300	-8 300	-8 300	-8 300	-8 300	-8 300	-6 900	-6 900	-6 900	-6 900	-6 900	-6 900
2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400
7 570	7 570	7 570	7 570	7 570	7 570	570	570	570	570	570	570
0	0	0	0	0	0	0	0	0	0	0	0
24 976	24 695	24 710	24 828	24 909	24 894	19 456	19 624	19 784	19 895	20 097	20 305
<b>68.4</b>	<b>67.7</b>	<b>67.7</b>	<b>68.0</b>	<b>68.2</b>	<b>68.2</b>	<b>53.3</b>	<b>53.8</b>	<b>54.2</b>	<b>54.5</b>	<b>55.1</b>	<b>55.5</b>

0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8
6.1	6.3	5.3	5.6	9.5	11.9	19.0	18.8	23.7	23.1	22.3	23.6
12.2	12.3	12.3	12.3	12.3	12.3	8.5	8.5	8.5	8.5	8.5	8.5
47.8	46.6	47.7	47.7	44.0	41.5	19.6	20.2	15.7	16.7	18.0	17.2
2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>68.4</b>	<b>67.7</b>	<b>67.7</b>	<b>68.0</b>	<b>68.2</b>	<b>68.2</b>	<b>53.3</b>	<b>53.8</b>	<b>54.2</b>	<b>54.5</b>	<b>55.1</b>	<b>55.5</b>

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2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	4.6	3.7	3.2	2.6	2.3	2.1	2.0	1.7	2.5
12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
49.0	50.0	51.0	51.7	52.5	53.3	53.8	54.2	54.7	54.6
2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>69.1</b>	<b>69.3</b>	<b>69.4</b>	<b>69.6</b>	<b>69.8</b>	<b>70.3</b>	<b>70.7</b>	<b>70.9</b>	<b>71.1</b>	<b>71.8</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
24 388	24 476	24 545	24 631	24 738	24 913	25 043	25 091	25 186	25 334
-6 900	-6 900	-6 900	-6 900	-6 900	-6 900	-6 900	-6 900	-6 900	-6 900
2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400
570	570	570	570	570	570	570	570	570	570
0	0	0	0	0	0	0	0	0	0
20 458	20 546	20 615	20 701	20 808	20 983	21 113	21 161	21 256	21 404
<b>55.9</b>	<b>56.1</b>	<b>56.3</b>	<b>56.6</b>	<b>56.9</b>	<b>57.3</b>	<b>57.7</b>	<b>57.8</b>	<b>58.1</b>	<b>58.6</b>

3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
22.1	19.4	17.4	14.7	12.7	11.0	9.6	8.5	8.0	7.5
8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
19.1	22.0	24.2	27.2	29.4	31.7	33.4	34.6	35.3	36.4
2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>55.9</b>	<b>56.1</b>	<b>56.3</b>	<b>56.6</b>	<b>56.9</b>	<b>57.3</b>	<b>57.7</b>	<b>57.8</b>	<b>58.1</b>	<b>58.6</b>

Table A3.5 Refinery Feedstock Requirements and Sources - Ontario

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	34 195	33 054	34 157	34 912	36 683	35 232	35 584	36 297	37 010
Deduct Product Imports	- 767	- 822	- 995	-1 165	-1 231	-1 562	-1 497	-1 430	-1 430
Add Product Exports	2 788	3 126	3 059	2 392	2 405	1 984	1 867	2 090	2 090
Net Regional Transfers -In/+Out	-4 722	-4 228	-4 705	-5 253	-5 224	-8 783	-9 519	-7 770	-7 770
Product Inventory +Build/-Draw	-126	465	-404	-40	24	-45	-7	0	0
<b>Total</b>	<b>31 369</b>	<b>31 595</b>	<b>31 111</b>	<b>30 846</b>	<b>32 656</b>	<b>26 826</b>	<b>26 428</b>	<b>29 187</b>	<b>29 900</b>
<b>Per Day</b>	<b>85.7</b>	<b>86.3</b>	<b>85.0</b>	<b>84.3</b>	<b>89.2</b>	<b>73.5</b>	<b>72.4</b>	<b>80.0</b>	<b>81.9</b>
<b>Feedstock Sources</b> (Thousands of Cubic Metres Per Day)									
Domestic: Heavy	12.7	12.5	12.3	10.5	12.3	9.2	9.7	10.4	9.6
Light	27.5	31.8	35.0	34.0	34.8	29.2	30.3	38.3	40.6
Imports: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	34.5	31.8	26.2	29.2	30.4	25.1	19.7	20.2	20.6
Other Material	10.9	9.9	12.0	10.5	11.7	9.9	12.6	11.1	11.1
Inventory Change	0.1	0.4	-0.5	0.2	0.1	0.0	0.0	0.0	0.0
<b>Total Per Day</b>	<b>85.7</b>	<b>86.3</b>	<b>85.0</b>	<b>84.3</b>	<b>89.2</b>	<b>73.5</b>	<b>72.4</b>	<b>80.0</b>	<b>81.9</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	34 195	33 054	34 157	34 912	36 683	35 232	35 584	36 084	35 474
Deduct Product Imports	- 767	- 822	- 995	-1 165	-1 231	-1 562	-1 497	-1 430	-1 430
Add Product Exports	2 788	3 126	3 059	2 392	2 405	1 984	1 867	2 090	2 090
Net Regional Transfers -In/+Out	-4 722	-4 228	-4 705	-5 253	-5 224	-8 783	-9 519	-7 770	-7 770
Product Inventory +Build/-Draw	-126	465	-404	-40	24	-45	-7	0	0
<b>Total</b>	<b>31 369</b>	<b>31 595</b>	<b>31 111</b>	<b>30 846</b>	<b>32 656</b>	<b>26 826</b>	<b>26 428</b>	<b>28 974</b>	<b>28 364</b>
<b>Per Day</b>	<b>86</b>	<b>86</b>	<b>85</b>	<b>84</b>	<b>89</b>	<b>73</b>	<b>72</b>	<b>79</b>	<b>78</b>

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
38 204	39 518	40 416	41 339	42 012	42 706	43 785	45 050	46 151	46 994	47 734	48 514
-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430
2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090
-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770
0	0	0	0	0	0	0	0	0	0	0	0
<b>31 094</b>	<b>32 408</b>	<b>33 306</b>	<b>34 229</b>	<b>34 902</b>	<b>35 596</b>	<b>36 675</b>	<b>37 940</b>	<b>39 041</b>	<b>39 884</b>	<b>40 624</b>	<b>41 404</b>
<b>85.2</b>	<b>88.8</b>	<b>91.3</b>	<b>93.8</b>	<b>95.6</b>	<b>97.5</b>	<b>100.5</b>	<b>103.9</b>	<b>107.0</b>	<b>109.3</b>	<b>111.3</b>	<b>113.4</b>

9.8	9.9	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
41.0	42.3	43.2	45.7	52.1	55.9	60.8	66.3	68.5	69.6	69.9	70.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	25.4	27.2	27.2	22.6	20.8	18.7	16.7	17.6	18.7	20.5	22.2
11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>85.2</b>	<b>88.8</b>	<b>91.3</b>	<b>93.8</b>	<b>95.6</b>	<b>97.5</b>	<b>100.5</b>	<b>103.9</b>	<b>107.0</b>	<b>109.3</b>	<b>111.3</b>	<b>113.4</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
35 691	35 899	36 267	36 518	36 947	37 350	37 993	38 788	39 365	39 877	40 468	41 136
-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430
2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090
-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770
0	0	0	0	0	0	0	0	0	0	0	0
28 581	28 789	29 157	29 408	29 837	30 240	30 883	31 678	32 255	32 767	33 358	34 026
78	79	80	81	82	83	85	87	88	90	91	93

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2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
49 201	49 943	50 658	51 342	52 102	53 051	53 866	54 547	55 275	56 055
-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430
2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090
-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770
0	0	0	0	0	0	0	0	0	0
<b>42 091</b>	<b>42 833</b>	<b>43 548</b>	<b>44 232</b>	<b>44 992</b>	<b>45 941</b>	<b>46 756</b>	<b>47 437</b>	<b>48 165</b>	<b>48 945</b>
<b>115.3</b>	<b>117.3</b>	<b>119.3</b>	<b>121.2</b>	<b>123.3</b>	<b>125.9</b>	<b>128.1</b>	<b>130.0</b>	<b>132.0</b>	<b>134.1</b>

9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
70.5	70.9	71.2	71.9	72.9	74.8	76.5	78.0	79.5	81.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	25.6	27.2	28.4	29.5	30.2	30.7	31.1	31.5	31.9
11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>115.3</b>	<b>117.3</b>	<b>119.3</b>	<b>121.2</b>	<b>123.3</b>	<b>125.9</b>	<b>128.1</b>	<b>130.0</b>	<b>132.0</b>	<b>134.1</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
41 645	42 005	42 328	42 688	43 044	43 560	43 911	44 142	44 386	44 732
-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430
2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090
-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770
0	0	0	0	0	0	0	0	0	0
34 535	34 895	35 218	35 578	35 934	36 450	36 801	37 032	37 276	37 622
95	96	96	97	98	100	101	101	102	103

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	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Sources</b> (Thousands of Cubic Metres Per Day)									
Domestic: Heavy	12.7	12.5	12.3	10.5	12.3	9.2	9.7	10.4	9.6
Light	27.5	31.8	35.0	34.0	34.8	29.2	30.3	37.8	36.5
Imports: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	34.5	31.8	26.2	29.2	30.4	25.1	19.7	20.1	20.5
Other Material	10.9	9.9	12.0	10.5	11.7	9.9	12.6	11.1	11.1
Inventory Change	0.1	0.4	-0.5	0.2	0.1	0.0	0.0	0.0	0.0
<b>Total Per Day</b>	<b>85.7</b>	<b>86.3</b>	<b>85.0</b>	<b>84.3</b>	<b>89.2</b>	<b>73.5</b>	<b>72.4</b>	<b>79.4</b>	<b>77.7</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

**Fortified Islands**

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	34 195	33 054	34 157	34 912	36 683	35 232	35 584	36 779	36 132
Deduct Product Imports	- 767	- 822	- 995	-1 165	-1 231	-1 562	-1 497	-1 430	-1 430
Add Product Exports	2 788	3 126	3 059	2 392	2 405	1 984	1 867	2 090	2 090
Net Regional Transfers -In/+Out	-4 722	-4 228	-4 705	-5 253	-5 224	-8 783	-9 519	-7 770	-7 770
Product Inventory +Build/-Draw	-126	465	-404	-40	24	-45	-7	0	0
<b>Total</b> <b>Per Day</b>	<b>31 369</b> <b>85.7</b>	<b>31 595</b> <b>86.3</b>	<b>31 111</b> <b>85.0</b>	<b>30 846</b> <b>84.3</b>	<b>32 656</b> <b>89.2</b>	<b>26 826</b> <b>73.5</b>	<b>26 428</b> <b>72.4</b>	<b>29 669</b> <b>81.3</b>	<b>29 022</b> <b>79.5</b>

**Feedstock Sources**

(Thousands of Cubic Metres Per Day)

Domestic: Heavy	12.7	12.5	12.3	10.5	12.3	9.2	9.7	10.4	9.6
Light	27.5	31.8	35.0	34.0	34.8	29.2	30.3	40.3	38.9
Imports: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	34.5	31.8	26.2	29.2	30.4	25.1	19.7	19.5	19.9
Other Material	10.9	9.9	12.0	10.5	11.7	9.9	12.6	11.1	11.1
Inventory Change	0.1	0.4	-0.5	0.2	0.1	0.0	0.0	0.0	0.0
<b>Total Per Day</b>	<b>85.7</b>	<b>86.3</b>	<b>85.0</b>	<b>84.3</b>	<b>89.2</b>	<b>73.5</b>	<b>72.4</b>	<b>81.3</b>	<b>79.5</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.



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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9.8	9.9	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
34.1	31.9	31.3	31.7	37.0	40.0	40.9	42.1	42.8	43.3	44.1	44.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	26.0	27.7	28.0	23.8	21.9	22.8	23.8	24.7	25.6	26.4	27.4
11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>78.3</b>	<b>78.9</b>	<b>79.9</b>	<b>80.6</b>	<b>81.7</b>	<b>82.8</b>	<b>84.6</b>	<b>86.8</b>	<b>88.4</b>	<b>89.8</b>	<b>91.4</b>	<b>93.2</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
36 033	35 961	36 200	36 548	36 814	36 992	37 351	37 713	38 041	38 271	38 678	39 113
-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430
2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090
-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770
0	0	0	0	0	0	0	0	0	0	0	0
<b>28 923</b>	<b>28 851</b>	<b>29 090</b>	<b>29 438</b>	<b>29 704</b>	<b>29 882</b>	<b>30 241</b>	<b>30 603</b>	<b>30 931</b>	<b>31 161</b>	<b>31 568</b>	<b>32 003</b>
<b>79.2</b>	<b>79.0</b>	<b>79.7</b>	<b>80.7</b>	<b>81.4</b>	<b>81.9</b>	<b>82.9</b>	<b>83.8</b>	<b>84.7</b>	<b>85.4</b>	<b>86.5</b>	<b>87.7</b>

9.8	9.9	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
36.6	35.9	34.6	35.5	41.0	44.8	52.1	52.4	59.3	58.7	58.7	61.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	22.2	24.2	24.2	19.4	16.2	9.9	10.5	4.5	5.7	6.9	5.6
11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>79.2</b>	<b>79.0</b>	<b>79.7</b>	<b>80.7</b>	<b>81.4</b>	<b>81.9</b>	<b>82.9</b>	<b>83.8</b>	<b>84.7</b>	<b>85.4</b>	<b>86.5</b>	<b>87.7</b>

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2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
45.4	45.4	45.2	45.5	45.8	46.9	47.6	48.1	48.4	50.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	29.3	30.3	31.0	31.7	32.1	32.3	32.5	32.8	31.9
11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>94.6</b>	<b>95.6</b>	<b>96.5</b>	<b>97.5</b>	<b>98.4</b>	<b>99.9</b>	<b>100.8</b>	<b>101.5</b>	<b>102.1</b>	<b>103.1</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
39 382	39 534	39 654	39 805	40 001	40 329	40 571	40 730	40 936	41 176
-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430	-1 430
2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090	2 090
-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770	-7 770
0	0	0	0	0	0	0	0	0	0
<b>32 272</b>	<b>32 424</b>	<b>32 544</b>	<b>32 695</b>	<b>32 891</b>	<b>33 219</b>	<b>33 461</b>	<b>33 620</b>	<b>33 826</b>	<b>34 066</b>
<b>88.4</b>	<b>88.8</b>	<b>89.2</b>	<b>89.6</b>	<b>90.1</b>	<b>91.0</b>	<b>91.7</b>	<b>92.1</b>	<b>92.7</b>	<b>93.3</b>

9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
60.0	57.1	54.9	51.9	50.0	48.8	47.8	47.0	46.9	46.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5	10.8	13.4	16.8	19.2	21.3	23.0	24.2	24.8	25.6
11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>88.4</b>	<b>88.8</b>	<b>89.2</b>	<b>89.6</b>	<b>90.1</b>	<b>91.0</b>	<b>91.7</b>	<b>92.1</b>	<b>92.7</b>	<b>93.3</b>

Table A3.6 Refinery Feedstock Requirements and Sources - Alberta

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	13 779	14 124	13 439	15 577	16 282	16 593	16 757	20 842	24 927
Deduct Product Imports	- 37	- 41	- 61	- 104	- 75	- 90	- 154	- 200	- 200
Add Product Exports	760	788	927	999	1 144	972	960	200	200
Net Regional Transfers -In/+Out	11 695	10 423	11 840	10 768	10 491	9 894	9 490	7 221	3 221
Product Inventory +Build/-Draw	132	-91	-51	4	-4	146	-83	0	0
<b>Total</b>	<b>26 328</b>	<b>25 202</b>	<b>26 093</b>	<b>27 243</b>	<b>27 839</b>	<b>27 515</b>	<b>26 969</b>	<b>28 063</b>	<b>28 148</b>
<b>Per Day</b>	<b>71.9</b>	<b>68.9</b>	<b>71.3</b>	<b>74.4</b>	<b>76.1</b>	<b>75.4</b>	<b>73.9</b>	<b>76.9</b>	<b>77.1</b>
<b>Feedstock Sources</b> (Thousands of Cubic Metres Per Day)									
Domestic: Heavy	7.3	7.4	7.7	8.3	7.7	8.0	8.9	7.0	7.0
Light	59.7	56.9	58.6	54.0	62.4	62.2	60.1	63.2	63.4
Imports: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Material	4.9	4.8	5.4	11.9	5.9	5.2	4.9	6.6	6.6
Inventory Change	0.0	-0.2	-0.4	0.1	0.0	0.0	0.0	0.0	0.0
<b>Total Per Day</b>	<b>71.9</b>	<b>68.9</b>	<b>71.3</b>	<b>74.4</b>	<b>76.1</b>	<b>75.4</b>	<b>73.9</b>	<b>76.9</b>	<b>77.1</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	13 779	14 124	13 439	15 577	16 282	16 593	16 757	20 505	24 254
Deduct Product Imports	- 37	- 41	- 61	- 104	- 75	- 90	- 154	- 200	- 200
Add Product Exports	760	788	927	999	1 144	972	960	200	200
Net Regional Transfers -In/+Out	11 695	10 423	11 840	10 768	10 491	9 894	9 490	7 221	3 221
Product Inventory +Build/-Draw	132	-91	-51	4	-4	146	-83	0	0
<b>Total</b>	<b>26 328</b>	<b>25 202</b>	<b>26 093</b>	<b>27 243</b>	<b>27 839</b>	<b>27 515</b>	<b>26 969</b>	<b>27 726</b>	<b>27 475</b>
<b>Per Day</b>	<b>72</b>	<b>69</b>	<b>71</b>	<b>74</b>	<b>76</b>	<b>75</b>	<b>74</b>	<b>76</b>	<b>75</b>

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
26 101	27 951	29 349	31 539	33 412	34 507	36 623	38 538	39 706	40 656	41 550	42 912
- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200
200	200	200	200	200	200	200	200	200	200	200	200
3 221	1 721	721	221	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779
0	0	0	0	0	0	0	0	0	0	0	0
<b>29 322</b>	<b>29 672</b>	<b>30 070</b>	<b>31 760</b>	<b>31 633</b>	<b>32 728</b>	<b>34 844</b>	<b>36 759</b>	<b>37 927</b>	<b>38 877</b>	<b>39 771</b>	<b>41 133</b>
<b>80.3</b>	<b>81.3</b>	<b>82.4</b>	<b>87.0</b>	<b>86.7</b>	<b>89.7</b>	<b>95.5</b>	<b>100.7</b>	<b>103.9</b>	<b>106.5</b>	<b>109.0</b>	<b>112.7</b>

11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
62.5	63.5	64.6	69.2	68.9	71.9	77.7	82.9	86.1	88.7	91.2	94.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>80.3</b>	<b>81.3</b>	<b>82.4</b>	<b>87.0</b>	<b>86.7</b>	<b>89.7</b>	<b>95.5</b>	<b>100.7</b>	<b>103.9</b>	<b>106.5</b>	<b>109.0</b>	<b>112.7</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
24 959	26 281	27 188	28 333	29 668	30 330	31 263	31 889	32 090	32 066	32 059	32 076
- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200
200	200	200	200	200	200	200	200	200	200	200	200
3 221	1 721	721	221	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779
0	0	0	0	0	0	0	0	0	0	0	0
<b>28 180</b>	<b>28 002</b>	<b>27 909</b>	<b>28 554</b>	<b>27 889</b>	<b>28 551</b>	<b>29 484</b>	<b>30 110</b>	<b>30 311</b>	<b>30 287</b>	<b>30 280</b>	<b>30 297</b>
<b>77</b>	<b>77</b>	<b>76</b>	<b>78</b>	<b>76</b>	<b>78</b>	<b>81</b>	<b>82</b>	<b>83</b>	<b>83</b>	<b>83</b>	<b>83</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
44 171	45 005	45 837	46 469	47 069	47 676	48 263	48 766	49 279	49 804
- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200
200	200	200	200	200	200	200	200	200	200
-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779
0	0	0	0	0	0	0	0	0	0
<b>42 392</b>	<b>43 226</b>	<b>44 058</b>	<b>44 690</b>	<b>45 290</b>	<b>45 897</b>	<b>46 484</b>	<b>46 987</b>	<b>47 500</b>	<b>48 025</b>
<b>116.1</b>	<b>118.4</b>	<b>120.7</b>	<b>122.4</b>	<b>124.1</b>	<b>125.7</b>	<b>127.4</b>	<b>128.7</b>	<b>130.1</b>	<b>131.6</b>

11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
98.4	100.6	102.9	104.7	106.3	108.0	109.6	110.9	112.3	113.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>116.1</b>	<b>118.4</b>	<b>120.7</b>	<b>122.4</b>	<b>124.1</b>	<b>125.7</b>	<b>127.4</b>	<b>128.7</b>	<b>130.1</b>	<b>131.6</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
32 069	32 111	32 140	32 223	32 288	32 417	32 513	32 593	32 697	32 848
- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200	- 200
200	200	200	200	200	200	200	200	200	200
-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779
0	0	0	0	0	0	0	0	0	0
<b>30 290</b>	<b>30 332</b>	<b>30 361</b>	<b>30 444</b>	<b>30 509</b>	<b>30 638</b>	<b>30 734</b>	<b>30 814</b>	<b>30 918</b>	<b>31 069</b>
<b>83</b>	<b>83</b>	<b>83</b>	<b>83</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>85</b>	<b>85</b>

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	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Feedstock Sources</b> (Thousands of Cubic Metres Per Day)									
Domestic: Heavy	7.3	7.4	7.7	8.3	7.7	8.0	8.9	7.0	7.0
Light	59.7	56.9	58.6	54.0	62.4	62.2	60.1	62.3	61.6
Imports: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Material	4.9	4.8	5.4	11.9	5.9	5.2	4.9	6.6	6.6
Inventory Change	0.0	-0.2	-0.4	0.1	0.0	0.0	0.0	0.0	0.0
<b>Total Per Day</b>	<b>71.9</b>	<b>68.9</b>	<b>71.3</b>	<b>74.4</b>	<b>76.1</b>	<b>75.4</b>	<b>73.9</b>	<b>76.0</b>	<b>75.3</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

**Fortified Islands**

	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	13 779	14 124	13 439	15 577	16 282	16 593	16 757	20 576	24 395
Deduct Product Imports	- 37	- 41	- 61	- 104	- 75	- 90	- 154	- 100	- 100
Add Product Exports	760	788	927	999	1 144	972	960	200	200
Net Regional Transfers -In/+Out	11 695	10 423	11 840	10 768	10 491	9 894	9 490	7 221	3 221
Product Inventory +Build/-Draw	132	-91	-51	4	-4	146	-83	0	0
<b>Total Per Day</b>	<b>26 328</b>	<b>25 202</b>	<b>26 093</b>	<b>27 243</b>	<b>27 839</b>	<b>27 515</b>	<b>26 969</b>	<b>27 897</b>	<b>27 716</b>
	<b>71.9</b>	<b>68.9</b>	<b>71.3</b>	<b>74.4</b>	<b>76.1</b>	<b>75.4</b>	<b>73.9</b>	<b>76.4</b>	<b>75.9</b>

**Feedstock Sources**

(Thousands of Cubic Metres Per Day)

Domestic: Heavy	7.3	7.4	7.7	8.3	7.7	8.0	8.9	7.0	7.0
Light	59.7	56.9	58.6	54.0	62.4	62.2	60.1	62.8	62.3
Imports: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Material	4.9	4.8	5.4	11.9	5.9	5.2	4.9	6.6	6.6
Inventory Change	0.0	-0.2	-0.4	0.1	0.0	0.0	0.0	0.0	0.0
<b>Total Per Day</b>	<b>71.9</b>	<b>68.9</b>	<b>71.3</b>	<b>74.4</b>	<b>76.1</b>	<b>75.4</b>	<b>73.9</b>	<b>76.4</b>	<b>75.9</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
59.4	58.9	58.7	60.4	58.6	60.4	63.0	64.7	65.3	65.2	65.2	65.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>77.2</b>	<b>76.7</b>	<b>76.5</b>	<b>78.2</b>	<b>76.4</b>	<b>78.2</b>	<b>80.8</b>	<b>82.5</b>	<b>83.0</b>	<b>83.0</b>	<b>83.0</b>	<b>83.0</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
25 242	26 731	28 155	28 810	32 075	33 210	35 433	37 298	38 447	39 536	40 613	42 280
- 100	- 100	- 100	- 100	- 100	- 100	- 100	- 100	- 100	- 100	- 100	- 100
200	200	200	200	200	200	200	200	200	200	200	200
3 221	1 721	721	221	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779
0	0	0	0	0	0	0	0	0	0	0	0
<b>28 563</b>	<b>28 552</b>	<b>28 976</b>	<b>29 131</b>	<b>30 396</b>	<b>31 531</b>	<b>33 754</b>	<b>35 619</b>	<b>36 768</b>	<b>37 857</b>	<b>38 934</b>	<b>40 601</b>
<b>78.3</b>	<b>78.2</b>	<b>79.4</b>	<b>79.8</b>	<b>83.3</b>	<b>86.4</b>	<b>92.5</b>	<b>97.6</b>	<b>100.7</b>	<b>103.7</b>	<b>106.7</b>	<b>111.2</b>

11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
60.5	60.4	61.6	62.0	65.5	68.6	74.7	79.8	82.9	85.9	88.9	93.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>78.3</b>	<b>78.2</b>	<b>79.4</b>	<b>79.8</b>	<b>83.3</b>	<b>86.4</b>	<b>92.5</b>	<b>97.6</b>	<b>100.7</b>	<b>103.7</b>	<b>106.7</b>	<b>111.2</b>

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2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
65.2	65.3	65.4	65.6	65.8	66.1	66.4	66.6	66.9	67.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>83.0</b>	<b>83.1</b>	<b>83.2</b>	<b>83.4</b>	<b>83.6</b>	<b>83.9</b>	<b>84.2</b>	<b>84.4</b>	<b>84.7</b>	<b>85.1</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
43 755	44 639	45 589	46 345	47 051	47 746	48 442	49 087	49 716	50 383
- 100	- 100	- 100	- 100	- 100	- 100	- 100	- 100	- 100	- 100
200	200	200	200	200	200	200	200	200	200
-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779	-1 779
0	0	0	0	0	0	0	0	0	0
<b>42 076</b>	<b>42 960</b>	<b>43 910</b>	<b>44 666</b>	<b>45 372</b>	<b>46 067</b>	<b>46 763</b>	<b>47 408</b>	<b>48 037</b>	<b>48 704</b>
<b>115.3</b>	<b>117.7</b>	<b>120.3</b>	<b>122.4</b>	<b>124.3</b>	<b>126.2</b>	<b>128.1</b>	<b>129.9</b>	<b>131.6</b>	<b>133.4</b>

11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
97.5	99.9	102.5	104.6	106.5	108.4	110.3	112.1	113.8	115.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>115.3</b>	<b>117.7</b>	<b>120.3</b>	<b>122.4</b>	<b>124.3</b>	<b>126.2</b>	<b>128.1</b>	<b>129.9</b>	<b>131.6</b>	<b>133.4</b>



Table A3.7 Refinery Feedstock Requirements and Sources - Other

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b>									
(Thousands of Cubic Metres)									
Domestic Product Demand	18 527	18 456	18 705	19 365	20 206	19 849	19 903	19 577	19 752
Deduct Product Imports	-1 985	-2 513	-2 347	-2 356	-3 220	-3 275	-3 316	-6 232	-9 763
Add Product Exports	1 550	1 168	1 638	1 748	1 698	1 282	1 140	1 100	1 000
Net Regional Transfers -In/+Out	-10 489	-9 685	-10 930	-10 032	-9 698	-8 751	-8 564	-6 331	-2 331
Product Inventory +Build/-Draw	55	129	332	-318	306	-158	601	0	0
<b>Total</b>	<b>7 658</b>	<b>7 556</b>	<b>7 398</b>	<b>8 406</b>	<b>9 292</b>	<b>8 948</b>	<b>9 764</b>	<b>8 114</b>	<b>8 658</b>
<b>Per Day</b>	<b>20.9</b>	<b>20.6</b>	<b>20.2</b>	<b>23.0</b>	<b>25.4</b>	<b>24.5</b>	<b>26.8</b>	<b>22.2</b>	<b>23.7</b>
<b>Feedstock Sources</b>									
(Thousands of Cubic Metres Per Day)									
Domestic: Heavy	10.7	10.1	9.8	12.2	14.8	14.6	16.2	13.1	13.7
Light	9.1	9.4	9.0	8.9	8.8	8.2	8.7	7.0	7.7
Imports: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Material	1.4	1.3	1.3	1.6	2.0	1.8	2.0	2.1	2.3
Inventory Change	-0.2	-0.1	0.0	0.2	-0.2	0.0	-0.1	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Per Day</b>	<b>20.9</b>	<b>20.6</b>	<b>20.2</b>	<b>23.0</b>	<b>25.4</b>	<b>24.5</b>	<b>26.8</b>	<b>22.2</b>	<b>23.7</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b>									
(Thousands of Cubic Metres)									
Domestic Product Demand	18 527	18 456	18 705	19 365	20 206	19 849	19 903	19 349	19 087
Deduct Product Imports	-1 985	-2 513	-2 347	-2 356	-3 220	-3 275	-3 316	-5 978	-9 060
Add Product Exports	1 550	1 168	1 638	1 748	1 698	1 282	1 140	1 100	1 000
Net Regional Transfers -In/+Out	-10 489	-9 685	-10 930	-10 032	-9 698	-8 751	-8 564	-6 331	-2 331
Product Inventory +Build/-Draw	55	129	332	-318	306	-158	601	0	0
<b>Total</b>	<b>7 658</b>	<b>7 556</b>	<b>7 398</b>	<b>8 406</b>	<b>9 292</b>	<b>8 948</b>	<b>9 764</b>	<b>8 141</b>	<b>8 696</b>
<b>Per Day</b>	<b>20.9</b>	<b>20.6</b>	<b>20.2</b>	<b>23.0</b>	<b>25.4</b>	<b>24.5</b>	<b>26.8</b>	<b>22.3</b>	<b>23.8</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
20 177	20 705	21 075	21 425	21 676	21 822	22 227	22 596	22 965	23 173	23 393	23 633
-9 460	-10 803	-11 928	-12 208	-13 922	-13 425	-13 506	-13 128	-13 232	-13 171	-13 117	-13 077
900	700	750	600	500	450	450	0	0	0	0	0
-2 331	-831	169	669	2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669
0	0	0	0	0	0	0	0	0	0	0	0
<b>9 286</b>	<b>9 771</b>	<b>10 067</b>	<b>10 486</b>	<b>10 923</b>	<b>11 516</b>	<b>11 840</b>	<b>12 136</b>	<b>12 403</b>	<b>12 671</b>	<b>12 946</b>	<b>13 226</b>
<b>25.4</b>	<b>26.8</b>	<b>27.6</b>	<b>28.7</b>	<b>29.9</b>	<b>31.5</b>	<b>32.4</b>	<b>33.3</b>	<b>34.0</b>	<b>34.7</b>	<b>35.5</b>	<b>36.1</b>

14.3	14.8	15.0	15.4	15.8	16.3	16.5	16.7	16.9	17.1	17.3	17.4
8.7	9.5	9.9	10.5	11.2	12.2	12.7	13.2	13.6	14.0	14.5	14.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	2.5	2.7	2.8	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>25.4</b>	<b>26.8</b>	<b>27.6</b>	<b>28.7</b>	<b>29.9</b>	<b>31.5</b>	<b>32.4</b>	<b>33.3</b>	<b>34.0</b>	<b>34.7</b>	<b>35.5</b>	<b>36.1</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
18 922	18 736	18 627	18 492	18 502	18 428	18 380	18 480	18 571	18 595	18 661	18 697
-8 156	-8 776	-9 428	-9 279	-10 823	-10 502	-10 336	-9 879	-10 009	-10 079	-10 192	-10 292
900	700	750	600	500	450	450	0	0	0	0	0
-2 331	-831	169	669	2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669
0	0	0	0	0	0	0	0	0	0	0	0
<b>9 335</b>	<b>9 829</b>	<b>10 118</b>	<b>10 482</b>	<b>10 847</b>	<b>11 046</b>	<b>11 163</b>	<b>11 270</b>	<b>11 231</b>	<b>11 184</b>	<b>11 138</b>	<b>11 074</b>
<b>25.6</b>	<b>26.9</b>	<b>27.7</b>	<b>28.7</b>	<b>29.7</b>	<b>30.3</b>	<b>30.6</b>	<b>30.9</b>	<b>30.8</b>	<b>30.6</b>	<b>30.5</b>	<b>30.3</b>

<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
23 856	24 116	24 421	24 672	24 872	25 116	25 357	25 562	25 769	26 002
-13 044	-13 044	-13 106	-13 112	-13 068	-13 087	-13 104	-13 090	-13 084	-13 117
0	0	0	0	0	0	0	0	0	0
2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669
0	0	0	0	0	0	0	0	0	0
<b>13 480</b>	<b>13 741</b>	<b>13 985</b>	<b>14 228</b>	<b>14 472</b>	<b>14 697</b>	<b>14 921</b>	<b>15 141</b>	<b>15 354</b>	<b>15 554</b>
<b>36.8</b>	<b>37.5</b>	<b>38.2</b>	<b>38.9</b>	<b>39.5</b>	<b>40.2</b>	<b>40.8</b>	<b>41.4</b>	<b>42.0</b>	<b>42.6</b>

17.6	17.7	17.9	18.0	18.2	18.3	18.4	18.6	18.7	18.8
15.3	15.7	16.1	16.5	16.8	17.2	17.6	17.9	18.2	18.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	4.1	4.2	4.4	4.5	4.7	4.8	4.9	5.1	5.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>36.8</b>	<b>37.5</b>	<b>38.2</b>	<b>38.9</b>	<b>39.5</b>	<b>40.2</b>	<b>40.8</b>	<b>41.4</b>	<b>42.0</b>	<b>42.6</b>

<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
18 773	18 783	18 777	18 810	18 815	18 907	18 971	19 005	19 059	19 156
-10 448	-10 526	-10 580	-10 616	-10 626	-10 732	-10 770	-10 771	-10 788	-10 848
0	0	0	0	0	0	0	0	0	0
2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669
0	0	0	0	0	0	0	0	0	0
<b>10 994</b>	<b>10 927</b>	<b>10 865</b>	<b>10 864</b>	<b>10 859</b>	<b>10 845</b>	<b>10 870</b>	<b>10 903</b>	<b>10 940</b>	<b>10 978</b>
<b>30.0</b>	<b>29.9</b>	<b>29.7</b>	<b>29.7</b>	<b>29.7</b>	<b>29.6</b>	<b>29.7</b>	<b>29.8</b>	<b>29.9</b>	<b>30.1</b>

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Sources</b> (Thousands of Cubic Metres Per Day)									
Domestic: Heavy	10.7	10.1	9.8	12.2	14.8	14.6	16.2	13.2	13.7
Light	9.1	9.4	9.0	8.9	8.8	8.2	8.7	7.0	7.8
Imports: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Material	1.4	1.3	1.3	1.6	2.0	1.8	2.0	2.1	2.3
Inventory Change	-0.2	-0.1	0.0	0.2	-0.2	0.0	-0.1	0.0	0.0
<b>Total Per Day</b>	<b>20.9</b>	<b>20.6</b>	<b>20.2</b>	<b>23.0</b>	<b>25.4</b>	<b>24.5</b>	<b>26.8</b>	<b>22.3</b>	<b>23.8</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

#### Fortified Islands

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Requirements</b> (Thousands of Cubic Metres)									
Domestic Product Demand	18 527	18 456	18 705	19 365	20 206	19 849	19 903	19 554	19 342
Deduct Product Imports	-1 985	-2 513	-2 347	-2 356	-3 220	-3 275	-3 316	-6 198	-9 332
Add Product Exports	1 550	1 168	1 638	1 748	1 698	1 282	1 140	1 100	1 000
Net Regional Transfers -In/+Out	-10 489	-9 685	-10 930	-10 032	-9 698	-8 751	-8 564	-6 331	-2 331
Product Inventory +Build/-Draw	55	129	332	-318	306	-158	601	0	0
<b>Total Per Day</b>	<b>7 658</b>	<b>7 556</b>	<b>7 398</b>	<b>8 406</b>	<b>9 292</b>	<b>8 948</b>	<b>9 764</b>	<b>8 125</b>	<b>8 679</b>
<b>Total Per Day</b>	<b>20.9</b>	<b>20.6</b>	<b>20.2</b>	<b>23.0</b>	<b>25.4</b>	<b>24.5</b>	<b>26.8</b>	<b>22.3</b>	<b>23.8</b>

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Feedstock Sources</b> (Thousands of Cubic Metres Per Day)									
Domestic: Heavy	10.7	10.1	9.8	12.2	14.8	14.6	16.2	13.1	13.7
Light	9.1	9.4	9.0	8.9	8.8	8.2	8.7	7.0	7.8
Imports: Heavy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Light	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Material	1.4	1.3	1.3	1.6	2.0	1.8	2.0	2.1	2.3
Inventory Change	-0.2	-0.1	0.0	0.2	-0.2	0.0	-0.1	0.0	0.0
<b>Total Per Day</b>	<b>20.9</b>	<b>20.6</b>	<b>20.2</b>	<b>23.0</b>	<b>25.4</b>	<b>24.5</b>	<b>26.8</b>	<b>22.3</b>	<b>23.8</b>

Note: Domestic product demand includes end-use consumption, own consumption and oil used to generate electricity and steam.

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
14.4	14.8	15.1	15.4	15.7	15.8	15.9	15.9	15.9	15.8	15.7	15.5
8.8	9.6	10.0	10.5	11.1	11.4	11.5	11.6	11.4	11.3	11.1	10.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	2.5	2.7	2.8	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>25.6</b>	<b>26.9</b>	<b>27.7</b>	<b>28.7</b>	<b>29.7</b>	<b>30.3</b>	<b>30.6</b>	<b>30.9</b>	<b>30.8</b>	<b>30.6</b>	<b>30.5</b>	<b>30.3</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 272	19 272	19 439	19 597	19 767	19 824	20 027	20 211	20 345	20 544	20 811	21 189
-8 519	-9 316	-10 090	-10 078	-11 600	-10 934	-10 402	-9 645	-9 159	-8 769	-8 597	-8 543
900	700	750	600	500	450	450	0	0	0	0	0
-2 331	- 831	169	669	2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669
0	0	0	0	0	0	0	0	0	0	0	0
<b>9 322</b>	<b>9 825</b>	<b>10 268</b>	<b>10 788</b>	<b>11 336</b>	<b>12 009</b>	<b>12 744</b>	<b>13 235</b>	<b>13 855</b>	<b>14 444</b>	<b>14 883</b>	<b>15 314</b>
<b>25.5</b>	<b>26.9</b>	<b>28.1</b>	<b>29.6</b>	<b>31.1</b>	<b>32.9</b>	<b>34.9</b>	<b>36.3</b>	<b>38.0</b>	<b>39.6</b>	<b>40.8</b>	<b>41.8</b>

14.3	14.8	15.2	15.7	16.1	16.7	17.3	17.6	18.0	18.4	18.7	18.9
8.7	9.5	10.2	11.1	12.0	13.1	14.4	15.3	16.4	17.5	18.3	19.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	2.5	2.7	2.8	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>25.5</b>	<b>26.9</b>	<b>28.1</b>	<b>29.6</b>	<b>31.1</b>	<b>32.9</b>	<b>34.9</b>	<b>36.3</b>	<b>38.0</b>	<b>39.6</b>	<b>40.8</b>	<b>41.8</b>

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2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
15.4	15.3	15.2	15.2	15.1	15.0	15.0	15.0	15.0	15.0
10.6	10.4	10.2	10.1	10.0	9.9	9.9	9.9	9.9	9.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	4.1	4.2	4.4	4.5	4.7	4.8	4.9	5.1	5.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>30.0</b>	<b>29.9</b>	<b>29.7</b>	<b>29.7</b>	<b>29.7</b>	<b>29.6</b>	<b>29.7</b>	<b>29.8</b>	<b>29.9</b>	<b>30.1</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
21 460	21 620	21 812	22 038	22 252	22 516	22 741	22 941	23 141	23 355
-8 409	-8 162	-7 950	-7 836	-7 762	-7 743	-7 680	-7 605	-7 522	-7 452
0	0	0	0	0	0	0	0	0	0
2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669	2 669
0	0	0	0	0	0	0	0	0	0
<b>15 719</b>	<b>16 128</b>	<b>16 531</b>	<b>16 871</b>	<b>17 159</b>	<b>17 442</b>	<b>17 730</b>	<b>18 005</b>	<b>18 288</b>	<b>18 573</b>
<b>42.9</b>	<b>44.1</b>	<b>45.2</b>	<b>46.1</b>	<b>46.9</b>	<b>47.7</b>	<b>48.4</b>	<b>49.2</b>	<b>50.0</b>	<b>50.9</b>

19.2	19.4	19.6	19.8	20.0	20.1	20.3	20.4	20.5	20.7
19.8	20.5	21.3	21.9	22.4	22.9	23.4	23.9	24.4	25.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	4.1	4.2	4.4	4.5	4.7	4.8	4.9	5.1	5.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>42.9</b>	<b>44.1</b>	<b>45.2</b>	<b>46.1</b>	<b>46.9</b>	<b>47.7</b>	<b>48.4</b>	<b>49.2</b>	<b>50.0</b>	<b>50.9</b>

Table A3.8 Supply and Disposition of Light Domestic Crude Oil and Equivalent - Canada

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Light Crude Oil and Equivalent Domestic Supply</b>									
Actual Production and Productive Capacity									
East Coast	24.6	25.8	47.7	55.6	51.8	50.5	52.8	67.3	67.0
W. Canada	184.7	182.1	188.6	194.3	204.7	189.3	207.4	228.3	265.1
Inventory -Build/+Draw	-1.4	-0.7	-11.6	-25.2	-13.8	-15.4	0.0	0.0	0.0
<b>Total Domestic Supply</b>	<b>207.8</b>	<b>207.2</b>	<b>224.7</b>	<b>224.6</b>	<b>242.6</b>	<b>224.5</b>	<b>260.2</b>	<b>295.6</b>	<b>332.1</b>
<b>Disposition of Domestic Supply</b>									
Atlantic	2.5	4.7	8.8	10.2	6.6	8.8	8.0	13.1	12.8
Quebec	0.3	1.8	4.2	7.8	8.6	5.8	4.5	6.8	6.5
Ontario	27.5	31.8	35.0	34.0	34.8	29.2	30.3	38.3	40.6
Alberta	59.7	56.9	58.6	54.0	62.4	62.2	60.1	63.2	63.4
Other Provinces	9.1	9.4	9.0	8.9	8.8	8.2	8.7	7.0	7.7
<b>Total Canada</b>	<b>99.0</b>	<b>104.5</b>	<b>115.5</b>	<b>114.9</b>	<b>121.1</b>	<b>114.3</b>	<b>111.6</b>	<b>128.3</b>	<b>131.1</b>
<b>Exports</b>	<b>108.8</b>	<b>102.8</b>	<b>109.2</b>	<b>109.7</b>	<b>121.5</b>	<b>110.2</b>	<b>124.1</b>	<b>167.3</b>	<b>201.0</b>
<b>Triple E</b>									
	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Light Crude Oil and Equivalent Domestic Supply</b>									
Actual Production and Productive Capacity									
East Coast	24.6	25.8	47.7	55.6	51.8	50.4	52.5	67.7	67.3
W. Canada	184.7	182.1	188.6	194.3	204.7	189.3	207.3	228.8	266.2
Inventory -Build/+Draw	-1.4	-0.7	-11.6	-25.2	-13.8	-15.3	0.0	0.0	0.0
<b>Total Domestic Supply</b>	<b>207.8</b>	<b>207.2</b>	<b>224.7</b>	<b>224.6</b>	<b>242.6</b>	<b>224.5</b>	<b>259.8</b>	<b>296.5</b>	<b>333.6</b>

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
57.5	48.3	40.7	40.6	53.0	56.7	64.0	70.6	66.2	60.5	52.7	45.5
282.3	320.7	327.0	343.5	353.2	363.1	368.3	376.6	383.7	390.8	398.1	405.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>339.8</b>	<b>369.0</b>	<b>367.7</b>	<b>384.1</b>	<b>406.2</b>	<b>419.8</b>	<b>432.2</b>	<b>447.2</b>	<b>449.8</b>	<b>451.3</b>	<b>450.8</b>	<b>450.7</b>

10.5	8.1	6.6	6.3	11.0	13.1	10.4	11.5	10.9	10.1	9.4	8.5
5.3	4.7	3.8	4.1	7.6	9.0	12.3	14.0	13.6	12.8	11.5	10.3
41.0	42.3	43.2	45.7	52.1	55.9	60.8	66.3	68.5	69.6	69.9	70.3
62.5	63.5	64.6	69.2	68.9	71.9	77.7	82.9	86.1	88.7	91.2	94.9
8.7	9.5	9.9	10.5	11.2	12.2	12.7	13.2	13.6	14.0	14.5	14.9
<b>128.0</b>	<b>128.1</b>	<b>128.1</b>	<b>135.8</b>	<b>150.7</b>	<b>162.1</b>	<b>173.9</b>	<b>188.0</b>	<b>192.6</b>	<b>195.3</b>	<b>196.5</b>	<b>198.9</b>
<b>211.8</b>	<b>240.9</b>	<b>239.6</b>	<b>248.3</b>	<b>255.5</b>	<b>257.7</b>	<b>258.3</b>	<b>259.2</b>	<b>257.2</b>	<b>256.0</b>	<b>254.3</b>	<b>251.8</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
57.8	45.6	38.0	36.4	47.7	52.1	48.0	43.2	39.2	35.0	31.2	27.1
284.0	323.0	329.7	344.1	351.2	358.8	362.8	366.1	364.1	361.9	359.8	356.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>341.8</b>	<b>368.5</b>	<b>367.7</b>	<b>380.6</b>	<b>399.0</b>	<b>410.9</b>	<b>410.7</b>	<b>409.3</b>	<b>403.3</b>	<b>397.0</b>	<b>391.0</b>	<b>383.3</b>



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2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
39.3	34.0	28.3	24.3	20.4	18.0	16.2	14.8	12.3	10.8
412.6	420.0	427.4	434.8	442.2	449.4	456.6	463.2	469.2	474.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>451.9</b>	<b>454.0</b>	<b>455.8</b>	<b>459.1</b>	<b>462.5</b>	<b>467.4</b>	<b>472.8</b>	<b>478.0</b>	<b>481.5</b>	<b>485.4</b>

7.6	6.4	5.2	4.4	3.6	3.2	3.0	2.8	2.5	2.3
9.0	7.6	6.3	5.3	4.5	3.9	3.5	3.1	2.7	2.5
70.5	70.9	71.2	71.9	72.9	74.8	76.5	78.0	79.5	81.3
98.4	100.6	102.9	104.7	106.3	108.0	109.6	110.9	112.3	113.8
15.3	15.7	16.1	16.5	16.9	17.2	17.6	18.0	18.3	18.6
<b>200.8</b>	<b>201.3</b>	<b>201.8</b>	<b>202.8</b>	<b>204.1</b>	<b>207.1</b>	<b>210.1</b>	<b>212.8</b>	<b>215.4</b>	<b>218.5</b>
<b>251.1</b>	<b>252.7</b>	<b>254.0</b>	<b>256.4</b>	<b>258.4</b>	<b>260.4</b>	<b>262.7</b>	<b>265.3</b>	<b>266.1</b>	<b>266.9</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
23.6	20.6	16.9	14.5	12.0	10.9	10.1	9.6	7.9	10.8
353.0	350.0	347.0	346.2	344.7	343.4	343.4	343.6	343.8	344.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>376.6</b>	<b>370.5</b>	<b>363.9</b>	<b>360.7</b>	<b>356.7</b>	<b>354.2</b>	<b>353.5</b>	<b>353.2</b>	<b>351.7</b>	<b>354.9</b>

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	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Disposition of Domestic Supply</b>									
Atlantic	2.5	4.7	8.8	10.2	6.6	8.8	8.0	13.2	12.9
Quebec	0.3	1.8	4.2	7.8	8.6	5.8	4.5	6.8	6.5
Ontario	27.5	31.8	35.0	34.0	34.8	29.2	30.3	37.8	36.5
Alberta	59.7	56.9	58.6	54.0	62.4	62.2	60.1	62.3	61.6
Other Provinces	9.1	9.4	9.0	8.9	8.8	8.2	8.7	7.0	7.8
<b>Total Canada</b>	<b>99.0</b>	<b>104.5</b>	<b>115.5</b>	<b>114.9</b>	<b>121.1</b>	<b>114.3</b>	<b>111.6</b>	<b>127.0</b>	<b>125.3</b>
<b>Exports</b>	<b>108.8</b>	<b>102.8</b>	<b>109.2</b>	<b>109.7</b>	<b>121.5</b>	<b>110.2</b>	<b>124.1</b>	<b>169.5</b>	<b>208.3</b>
<b>Fortified Islands</b>									
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Light Crude Oil and Equivalent Domestic Supply</b>									
Actual Production and Productive Capacity									
East Coast	24.6	25.8	47.7	55.6	51.8	50.4	52.5	70.3	70.2
W. Canada	184.7	182.1	188.6	194.3	204.7	189.3	207.4	228.1	265.2
Inventory -Build/+Draw	-1.4	-0.7	-11.6	-25.2	-13.8	-15.3	0.0	0.0	0.0
<b>Total Domestic Supply</b>	<b>207.8</b>	<b>207.2</b>	<b>224.7</b>	<b>224.6</b>	<b>242.6</b>	<b>224.5</b>	<b>259.9</b>	<b>298.4</b>	<b>335.4</b>
<b>Disposition of Domestic Supply</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Atlantic	2.5	4.7	8.8	10.2	6.6	8.8	8.0	13.7	13.4
Quebec	0.3	1.8	4.2	7.8	8.6	5.8	4.5	7.1	6.8
Ontario	27.5	31.8	35.0	34.0	34.8	29.2	30.3	40.3	38.9
Alberta	59.7	56.9	58.6	54.0	62.4	62.2	60.1	62.8	62.3
Other Provinces	9.1	9.4	9.0	8.9	8.8	8.2	8.7	7.0	7.8
<b>Total Canada</b>	<b>99.0</b>	<b>104.5</b>	<b>115.5</b>	<b>114.9</b>	<b>121.1</b>	<b>114.3</b>	<b>111.6</b>	<b>130.7</b>	<b>129.1</b>
<b>Exports</b>	<b>108.8</b>	<b>102.8</b>	<b>109.2</b>	<b>109.7</b>	<b>121.5</b>	<b>110.2</b>	<b>124.1</b>	<b>167.7</b>	<b>206.3</b>

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
10.5	7.6	6.2	5.7	9.9	12.1	7.8	7.1	6.4	5.9	5.6	5.1
5.3	4.5	3.6	3.6	6.8	8.3	9.2	8.6	8.0	7.4	6.8	6.1
34.1	31.9	31.3	31.7	37.0	40.0	40.9	42.1	42.8	43.3	44.1	44.9
59.4	58.9	58.7	60.4	58.6	60.4	63.0	64.7	65.3	65.2	65.2	65.2
8.8	9.6	10.0	10.5	11.1	11.4	11.5	11.6	11.4	11.3	11.1	10.9
<b>118.2</b>	<b>112.4</b>	<b>109.7</b>	<b>111.9</b>	<b>123.4</b>	<b>132.2</b>	<b>132.4</b>	<b>134.0</b>	<b>134.0</b>	<b>133.0</b>	<b>132.7</b>	<b>132.2</b>
<b>223.6</b>	<b>256.1</b>	<b>258.0</b>	<b>268.6</b>	<b>275.6</b>	<b>278.7</b>	<b>278.4</b>	<b>275.3</b>	<b>269.4</b>	<b>263.9</b>	<b>258.3</b>	<b>251.1</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
65.4	64.8	56.4	56.0	66.7	74.9	98.8	94.7	115.8	108.9	102.3	104.8
282.9	321.8	333.5	353.7	367.1	378.4	397.1	416.2	440.8	461.9	474.6	487.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>348.3</b>	<b>386.5</b>	<b>389.9</b>	<b>409.7</b>	<b>433.8</b>	<b>453.3</b>	<b>495.9</b>	<b>510.8</b>	<b>556.6</b>	<b>570.8</b>	<b>576.9</b>	<b>591.7</b>
<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
11.9	10.8	9.2	8.7	13.8	17.3	16.1	15.5	19.0	18.2	18.3	19.6
6.1	6.3	5.3	5.6	9.5	11.9	19.0	18.8	23.7	23.1	22.3	23.7
36.6	35.9	34.6	35.5	41.0	44.8	52.1	52.4	59.3	58.7	58.7	61.2
60.5	60.4	61.6	62.0	65.5	68.6	74.7	79.8	82.9	85.9	88.9	93.4
8.7	9.5	10.2	11.1	12.0	13.1	14.4	15.3	16.4	17.5	18.3	19.1
<b>123.8</b>	<b>123.0</b>	<b>120.9</b>	<b>122.9</b>	<b>141.8</b>	<b>155.8</b>	<b>176.2</b>	<b>181.8</b>	<b>201.5</b>	<b>203.5</b>	<b>206.5</b>	<b>217.0</b>
<b>224.5</b>	<b>263.5</b>	<b>269.0</b>	<b>286.8</b>	<b>292.0</b>	<b>297.5</b>	<b>319.7</b>	<b>329.0</b>	<b>355.1</b>	<b>367.4</b>	<b>370.3</b>	<b>374.7</b>

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2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
4.6	3.9	3.1	2.6	2.1	1.9	1.8	1.8	1.6	2.3
5.4	4.6	3.8	3.2	2.6	2.3	2.2	2.0	1.8	2.5
45.4	45.4	45.2	45.5	45.8	46.9	47.6	48.1	48.4	50.3
65.2	65.3	65.4	65.6	65.8	66.1	66.4	66.6	66.9	67.3
10.7	10.5	10.3	10.2	10.1	10.0	9.9	9.9	9.9	9.9
<b>131.2</b>	<b>129.7</b>	<b>127.8</b>	<b>127.1</b>	<b>126.4</b>	<b>127.3</b>	<b>128.0</b>	<b>128.4</b>	<b>128.6</b>	<b>132.3</b>
<b>245.4</b>	<b>240.9</b>	<b>236.1</b>	<b>233.6</b>	<b>230.3</b>	<b>227.0</b>	<b>225.6</b>	<b>224.8</b>	<b>223.1</b>	<b>222.6</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
97.1	87.1	78.5	67.1	58.5	51.3	45.0	41.0	36.2	32.4
499.5	511.9	524.1	532.7	540.7	549.0	557.5	565.1	572.8	580.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>596.6</b>	<b>599.0</b>	<b>602.6</b>	<b>599.8</b>	<b>599.2</b>	<b>600.3</b>	<b>602.6</b>	<b>606.1</b>	<b>609.0</b>	<b>613.2</b>
<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
18.8	16.5	14.5	12.2	10.4	9.1	8.2	7.7	7.3	7.0
22.1	19.5	17.5	14.7	12.8	11.0	9.6	8.6	8.1	7.5
60.0	57.1	54.9	51.9	50.0	48.8	47.8	47.0	46.9	46.9
97.5	99.9	102.5	104.6	106.5	108.4	110.3	112.1	113.8	115.6
19.8	20.6	21.3	21.9	22.4	22.9	23.5	24.0	24.5	25.0
<b>218.2</b>	<b>213.6</b>	<b>210.7</b>	<b>205.3</b>	<b>202.1</b>	<b>200.3</b>	<b>199.4</b>	<b>199.3</b>	<b>200.6</b>	<b>201.9</b>
<b>378.4</b>	<b>385.5</b>	<b>391.9</b>	<b>394.5</b>	<b>397.0</b>	<b>400.0</b>	<b>403.1</b>	<b>406.7</b>	<b>408.4</b>	<b>411.3</b>

Table A3.9 Supply and Disposition of Heavy Domestic Crude Oil and Equivalent - Canada

## Reference Case and Continuing Trends

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Heavy Crude Oil</b>									
<b>Domestic Supply</b>									
Actual Production and Productive Capacity	133.4	139.9	135.4	141.9	147.8	153.0	160.5	173.4	162.9
Inventory -Build/+Draw	8.4	8.2	16.4	23.6	25.9	28.0	36.3	0.0	0.0
<b>Total Domestic Supply</b>	<b>141.8</b>	<b>148.0</b>	<b>151.7</b>	<b>165.5</b>	<b>173.7</b>	<b>181.0</b>	<b>196.8</b>	<b>173.4</b>	<b>162.9</b>

## Disposition of Domestic Supply

Atlantic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quebec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ontario	12.7	12.5	12.3	10.5	12.3	9.2	9.7	10.4	9.6
Alberta	7.3	7.4	7.7	8.3	7.7	8.0	8.9	7.0	7.0
Other Provinces	10.7	10.1	9.8	12.2	14.8	14.6	16.2	13.1	13.7
<b>Total Canada</b>	<b>30.7</b>	<b>29.9</b>	<b>29.9</b>	<b>31.1</b>	<b>34.8</b>	<b>31.8</b>	<b>34.8</b>	<b>30.6</b>	<b>30.3</b>
<b>Exports</b>	<b>111.1</b>	<b>118.1</b>	<b>121.9</b>	<b>134.5</b>	<b>138.8</b>	<b>149.2</b>	<b>162.0</b>	<b>142.8</b>	<b>132.6</b>

## Triple E

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Heavy Crude Oil</b>									
<b>Domestic Supply</b>									
Actual Production and Productive Capacity	133.4	139.9	135.4	141.9	147.8	153.0	161.7	174.4	163.9
Inventory -Build/+Draw	8.4	8.2	16.4	23.6	25.9	28.0	35.2	0.0	0.0
<b>Total Domestic Supply</b>	<b>141.8</b>	<b>148.0</b>	<b>151.7</b>	<b>165.5</b>	<b>173.7</b>	<b>181.0</b>	<b>196.8</b>	<b>174.4</b>	<b>163.9</b>

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
177.4	163.8	171.6	174.3	186.1	206.2	216.3	221.6	226.3	231.2	236.5	241.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>177.4</b>	<b>163.8</b>	<b>171.6</b>	<b>174.3</b>	<b>186.1</b>	<b>206.2</b>	<b>216.3</b>	<b>221.6</b>	<b>226.3</b>	<b>231.2</b>	<b>236.5</b>	<b>241.2</b>

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	9.9	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
14.3	14.8	15.0	15.4	15.8	16.3	16.5	16.7	16.9	17.1	17.3	17.4
<b>35.2</b>	<b>35.9</b>	<b>35.9</b>	<b>36.3</b>	<b>36.7</b>	<b>37.2</b>	<b>37.5</b>	<b>37.7</b>	<b>37.9</b>	<b>38.0</b>	<b>38.2</b>	<b>38.4</b>
<b>142.2</b>	<b>128.0</b>	<b>135.7</b>	<b>138.0</b>	<b>149.4</b>	<b>169.0</b>	<b>178.9</b>	<b>183.9</b>	<b>188.4</b>	<b>193.1</b>	<b>198.3</b>	<b>202.8</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
178.4	164.7	171.8	173.5	184.0	184.8	184.8	184.6	181.7	178.6	175.7	172.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>178.4</b>	<b>164.7</b>	<b>171.8</b>	<b>173.5</b>	<b>184.0</b>	<b>184.8</b>	<b>184.8</b>	<b>184.6</b>	<b>181.7</b>	<b>178.6</b>	<b>175.7</b>	<b>172.4</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
245.8	250.3	253.7	256.9	259.8	262.4	265.1	267.9	270.8	273.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>245.8</b>	<b>250.3</b>	<b>253.7</b>	<b>256.9</b>	<b>259.8</b>	<b>262.4</b>	<b>265.1</b>	<b>267.9</b>	<b>270.8</b>	<b>273.7</b>

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
17.6	17.8	17.9	18.1	18.2	18.3	18.5	18.6	18.7	18.8
<b>38.6</b>	<b>38.7</b>	<b>38.9</b>	<b>39.0</b>	<b>39.2</b>	<b>39.3</b>	<b>39.4</b>	<b>39.6</b>	<b>39.7</b>	<b>39.8</b>
<b>207.3</b>	<b>211.5</b>	<b>214.8</b>	<b>217.8</b>	<b>220.6</b>	<b>223.1</b>	<b>225.6</b>	<b>228.3</b>	<b>231.1</b>	<b>233.9</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
169.2	166.1	163.2	161.2	159.2	157.3	156.2	155.2	154.3	153.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>169.2</b>	<b>166.1</b>	<b>163.2</b>	<b>161.2</b>	<b>159.2</b>	<b>157.3</b>	<b>156.2</b>	<b>155.2</b>	<b>154.3</b>	<b>153.5</b>

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	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Disposition of Domestic Supply</b>									
Atlantic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quebec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ontario	12.7	12.5	12.3	10.5	12.3	9.2	9.7	10.4	9.6
Alberta	7.3	7.4	7.7	8.3	7.7	8.0	8.9	7.0	7.0
Other Provinces	10.7	10.1	9.8	12.2	14.8	14.6	16.2	13.2	13.7
<b>Total Canada</b>	<b>30.7</b>	<b>29.9</b>	<b>29.9</b>	<b>31.1</b>	<b>34.8</b>	<b>31.8</b>	<b>34.8</b>	<b>30.6</b>	<b>30.4</b>
<b>Exports</b>	<b>111.1</b>	<b>118.1</b>	<b>121.9</b>	<b>134.5</b>	<b>138.8</b>	<b>149.2</b>	<b>162.0</b>	<b>143.8</b>	<b>133.5</b>
<b>Fortified Islands</b>									
	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Heavy Crude Oil</b>									
<b>Domestic Supply</b>									
Actual Production and									
Productive Capacity	133.4	139.9	135.4	141.9	147.8	153.0	161.7	174.3	164.0
Inventory -Build/+Draw	8.4	8.2	16.4	23.6	25.9	28.0	35.2	0.0	0.0
<b>Total Domestic Supply</b>	<b>141.8</b>	<b>148.0</b>	<b>151.7</b>	<b>165.5</b>	<b>173.7</b>	<b>181.0</b>	<b>196.8</b>	<b>174.3</b>	<b>164.0</b>
<b>Disposition of Domestic Supply</b>									
Atlantic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quebec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ontario	12.7	12.5	12.3	10.5	12.3	9.2	9.7	10.4	9.6
Alberta	7.3	7.4	7.7	8.3	7.7	8.0	8.9	7.0	7.0
Other Provinces	10.7	10.1	9.8	12.2	14.8	14.6	16.2	13.1	13.7
<b>Total Canada</b>	<b>30.7</b>	<b>29.9</b>	<b>29.9</b>	<b>31.1</b>	<b>34.8</b>	<b>31.8</b>	<b>34.8</b>	<b>30.6</b>	<b>30.4</b>
<b>Exports</b>	<b>111.1</b>	<b>118.1</b>	<b>121.9</b>	<b>134.5</b>	<b>138.8</b>	<b>149.2</b>	<b>162.0</b>	<b>143.7</b>	<b>133.6</b>



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<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	9.9	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
14.4	14.8	15.1	15.4	15.7	15.8	15.9	15.9	15.9	15.8	15.7	15.6
<b>35.3</b>	<b>35.9</b>	<b>36.0</b>	<b>36.3</b>	<b>36.7</b>	<b>36.8</b>	<b>36.9</b>	<b>36.9</b>	<b>36.8</b>	<b>36.7</b>	<b>36.7</b>	<b>36.5</b>
<b>143.1</b>	<b>128.8</b>	<b>135.8</b>	<b>137.1</b>	<b>147.3</b>	<b>148.0</b>	<b>147.9</b>	<b>147.7</b>	<b>144.9</b>	<b>141.9</b>	<b>139.1</b>	<b>135.8</b>

<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
178.8	165.7	176.1	180.7	194.9	218.0	237.1	242.2	248.8	257.2	266.2	273.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>178.8</b>	<b>165.7</b>	<b>176.1</b>	<b>180.7</b>	<b>194.9</b>	<b>218.0</b>	<b>237.1</b>	<b>242.2</b>	<b>248.8</b>	<b>257.2</b>	<b>266.2</b>	<b>273.9</b>

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8
9.8	9.9	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
14.3	14.8	15.2	15.7	16.1	16.7	17.3	17.6	18.0	18.4	18.7	19.0
<b>35.3</b>	<b>35.9</b>	<b>36.1</b>	<b>36.6</b>	<b>37.1</b>	<b>37.7</b>	<b>42.1</b>	<b>42.4</b>	<b>42.9</b>	<b>43.2</b>	<b>43.5</b>	<b>43.8</b>
<b>143.6</b>	<b>129.8</b>	<b>140.0</b>	<b>144.1</b>	<b>157.7</b>	<b>180.3</b>	<b>195.0</b>	<b>199.8</b>	<b>205.9</b>	<b>214.0</b>	<b>222.6</b>	<b>230.1</b>

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2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
15.5	15.3	15.2	15.2	15.1	15.1	15.1	15.0	15.0	15.0
<b>36.4</b>	<b>36.3</b>	<b>36.2</b>	<b>36.2</b>	<b>36.1</b>	<b>36.0</b>	<b>36.0</b>	<b>36.0</b>	<b>36.0</b>	<b>36.0</b>
<b>132.7</b>	<b>129.8</b>	<b>127.0</b>	<b>125.0</b>	<b>123.1</b>	<b>121.3</b>	<b>120.2</b>	<b>119.2</b>	<b>118.3</b>	<b>117.5</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
281.6	289.1	296.6	303.9	308.5	313.2	318.0	322.9	327.9	333.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>281.6</b>	<b>289.1</b>	<b>296.6</b>	<b>303.9</b>	<b>308.5</b>	<b>313.2</b>	<b>318.0</b>	<b>322.9</b>	<b>327.9</b>	<b>333.0</b>

0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
19.2	19.5	19.7	19.9	20.0	20.2	20.3	20.4	20.6	20.7
<b>44.0</b>	<b>44.3</b>	<b>44.5</b>	<b>44.7</b>	<b>44.8</b>	<b>45.0</b>	<b>45.1</b>	<b>45.2</b>	<b>45.4</b>	<b>45.5</b>
<b>237.5</b>	<b>244.9</b>	<b>252.1</b>	<b>259.2</b>	<b>263.6</b>	<b>268.2</b>	<b>272.9</b>	<b>277.6</b>	<b>282.5</b>	<b>287.5</b>

Table A3.10: Ethane Supply, Demand and Potential Exports

**Reference Case & Continuing Trends**

(thousand cubic metres per day)

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total Supply</b>	<b>38.26</b>	<b>37.44</b>	<b>39.62</b>	<b>37.65</b>	<b>40.19</b>	<b>39.63</b>	<b>40.39</b>	<b>37.22</b>	<b>36.80</b>
British Columbia	1.10	2.73	3.25	3.05	2.60	2.65	2.52	2.52	2.52
Alberta (1)	37.16	34.71	36.37	34.60	37.59	36.99	37.87	34.70	34.29
Saskatchewan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nova Scotia	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Frontier (2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Demand</b>	<b>36.06</b>	<b>37.41</b>	<b>39.62</b>	<b>39.52</b>	<b>39.68</b>	<b>40.14</b>	<b>40.36</b>	<b>39.69</b>	<b>38.15</b>
<b>Potential Exports</b>	<b>2.20</b>	<b>0.03</b>	<b>0.00</b>	<b>-1.87</b>	<b>0.51</b>	<b>-0.51</b>	<b>0.03</b>	<b>-2.47</b>	<b>-1.35</b>
<b>Triple E</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Total Supply</b>	<b>38.26</b>	<b>37.44</b>	<b>39.62</b>	<b>37.65</b>	<b>40.19</b>	<b>39.63</b>	<b>40.40</b>	<b>37.44</b>	<b>37.81</b>
British Columbia	1.10	2.73	3.25	3.05	2.60	2.65	2.52	2.52	2.52
Alberta (1)	37.16	34.71	36.37	34.60	37.59	36.99	37.89	34.93	35.29
Saskatchewan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nova Scotia	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Frontier (2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Demand</b>	<b>36.06</b>	<b>37.41</b>	<b>39.62</b>	<b>39.52</b>	<b>39.68</b>	<b>40.14</b>	<b>40.36</b>	<b>39.69</b>	<b>38.15</b>
<b>Potential Exports</b>	<b>2.20</b>	<b>0.03</b>	<b>0.00</b>	<b>-1.87</b>	<b>0.51</b>	<b>-0.51</b>	<b>0.04</b>	<b>-2.24</b>	<b>-0.34</b>
<b>Fortified Island</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Total Supply</b>	<b>38.26</b>	<b>37.44</b>	<b>39.62</b>	<b>37.65</b>	<b>40.19</b>	<b>39.63</b>	<b>40.19</b>	<b>36.92</b>	<b>36.87</b>
British Columbia	1.10	2.73	3.25	3.05	2.60	2.65	2.52	2.52	2.52
Alberta (1)	37.16	34.71	36.37	34.60	37.59	36.99	37.67	34.41	34.36
Saskatchewan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nova Scotia	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Frontier (2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Demand</b>	<b>36.06</b>	<b>37.41</b>	<b>39.62</b>	<b>39.52</b>	<b>39.68</b>	<b>40.14</b>	<b>40.36</b>	<b>40.08</b>	<b>39.06</b>
<b>Potential Exports</b>	<b>2.20</b>	<b>0.03</b>	<b>0.00</b>	<b>-1.87</b>	<b>0.51</b>	<b>-0.51</b>	<b>-0.17</b>	<b>-3.16</b>	<b>-2.19</b>

Note: (1) Alberta volume includes incremental supply from oil sand off-gas and enhanced deep-cut straddle plant capacity expansions.

(2) Frontier refers to the liquids associated with Mackenzie Delta gas.

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2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>37.20</b>	<b>41.64</b>	<b>46.16</b>	<b>45.51</b>	<b>44.69</b>	<b>43.72</b>	<b>46.86</b>	<b>46.30</b>	<b>44.71</b>	<b>43.08</b>	<b>43.72</b>	<b>41.53</b>
2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.48	2.45	2.41	2.38	2.34
34.69	39.13	43.65	42.99	42.17	41.20	42.24	40.67	39.11	37.52	38.19	36.04
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	2.10	3.15	3.15	3.15	3.15	3.15
<b>38.47</b>	<b>38.67</b>	<b>38.84</b>	<b>39.10</b>	<b>39.39</b>	<b>39.68</b>	<b>39.97</b>	<b>40.26</b>	<b>40.14</b>	<b>40.45</b>	<b>40.76</b>	<b>41.08</b>
<b>-1.27</b>	<b>2.97</b>	<b>7.32</b>	<b>6.40</b>	<b>5.30</b>	<b>4.04</b>	<b>6.89</b>	<b>6.05</b>	<b>4.57</b>	<b>2.63</b>	<b>2.96</b>	<b>0.45</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>39.19</b>	<b>44.16</b>	<b>48.00</b>	<b>46.07</b>	<b>43.87</b>	<b>41.88</b>	<b>41.61</b>	<b>37.39</b>	<b>33.57</b>	<b>30.16</b>	<b>29.60</b>	<b>27.16</b>
2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.37	2.22	2.09	1.97	1.85
36.68	41.64	45.49	43.56	41.35	39.36	39.09	35.03	31.34	28.07	27.64	25.32
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>38.47</b>	<b>38.67</b>	<b>38.84</b>	<b>39.10</b>	<b>39.39</b>	<b>39.68</b>	<b>39.97</b>	<b>40.26</b>	<b>40.14</b>	<b>40.45</b>	<b>40.76</b>	<b>41.08</b>
<b>0.72</b>	<b>5.49</b>	<b>9.16</b>	<b>6.97</b>	<b>4.48</b>	<b>2.20</b>	<b>1.64</b>	<b>-2.86</b>	<b>-6.58</b>	<b>-10.30</b>	<b>-11.16</b>	<b>-13.92</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>38.50</b>	<b>43.67</b>	<b>48.94</b>	<b>49.05</b>	<b>48.94</b>	<b>48.74</b>	<b>52.37</b>	<b>56.29</b>	<b>55.97</b>	<b>55.39</b>	<b>56.93</b>	<b>57.39</b>
2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.56	2.60	2.64	2.69	2.64
35.98	41.15	46.42	46.54	46.43	46.22	47.75	50.58	50.22	49.59	51.09	49.75
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	2.10	3.15	3.15	3.15	3.15	4.99
<b>40.77</b>	<b>40.97</b>	<b>41.68</b>	<b>41.97</b>	<b>41.76</b>	<b>41.31</b>	<b>41.85</b>	<b>41.47</b>	<b>41.57</b>	<b>41.88</b>	<b>42.19</b>	<b>42.51</b>
<b>-2.27</b>	<b>2.70</b>	<b>7.25</b>	<b>7.08</b>	<b>7.18</b>	<b>7.43</b>	<b>10.52</b>	<b>14.82</b>	<b>14.39</b>	<b>13.50</b>	<b>14.73</b>	<b>14.88</b>

<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
<b>39.76</b>	<b>38.11</b>	<b>36.57</b>	<b>35.21</b>	<b>35.53</b>	<b>34.19</b>	<b>33.11</b>	<b>32.16</b>	<b>31.36</b>	<b>30.67</b>
2.31	2.28	2.25	2.22	2.19	2.15	2.12	2.09	2.07	2.04
34.30	32.68	31.17	29.85	28.36	27.04	26.00	25.08	24.31	23.64
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.15	3.15	3.15	3.15	4.99	4.99	4.99	4.99	4.99	4.99
<b>41.40</b>	<b>41.72</b>	<b>42.04</b>	<b>42.37</b>	<b>42.69</b>	<b>43.02</b>	<b>43.36</b>	<b>43.69</b>	<b>44.03</b>	<b>44.37</b>
<b>-1.64</b>	<b>-3.60</b>	<b>-5.47</b>	<b>-7.15</b>	<b>-7.17</b>	<b>-8.84</b>	<b>-10.24</b>	<b>-11.53</b>	<b>-12.67</b>	<b>-13.71</b>

<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
<b>25.92</b>	<b>25.14</b>	<b>24.63</b>	<b>24.22</b>	<b>23.62</b>	<b>23.04</b>	<b>22.58</b>	<b>22.13</b>	<b>21.71</b>	<b>21.29</b>
1.74	1.69	1.64	1.59	1.47	1.36	1.25	1.15	1.07	0.98
24.18	23.45	22.99	22.63	22.15	21.68	21.33	20.98	20.64	20.31
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>41.40</b>	<b>41.72</b>	<b>42.04</b>	<b>42.37</b>	<b>42.69</b>	<b>43.02</b>	<b>43.36</b>	<b>43.69</b>	<b>44.03</b>	<b>44.37</b>
<b>-15.48</b>	<b>-16.58</b>	<b>-17.41</b>	<b>-18.15</b>	<b>-19.07</b>	<b>-19.98</b>	<b>-20.78</b>	<b>-21.56</b>	<b>-22.32</b>	<b>-23.08</b>

<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>
<b>55.52</b>	<b>60.30</b>	<b>59.15</b>	<b>57.93</b>	<b>57.55</b>	<b>56.05</b>	<b>54.77</b>	<b>53.56</b>	<b>52.18</b>	<b>50.90</b>
2.60	2.69	2.77	2.86	2.80	2.73	2.66	2.60	2.54	2.48
47.94	52.63	51.38	50.08	48.46	47.02	45.81	44.66	43.35	42.13
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.99	4.99	4.99	4.99	6.30	6.30	6.30	6.30	6.30	6.30
<b>42.83</b>	<b>43.15</b>	<b>43.47</b>	<b>43.80</b>	<b>44.12</b>	<b>44.46</b>	<b>44.79</b>	<b>45.12</b>	<b>45.46</b>	<b>45.80</b>
<b>12.70</b>	<b>17.16</b>	<b>15.67</b>	<b>14.13</b>	<b>13.43</b>	<b>11.59</b>	<b>9.99</b>	<b>8.44</b>	<b>6.72</b>	<b>5.10</b>

Table A3.11: Propane Supply, Demand and Potential Exports

**Reference Case & Continuing Trends  
(thousand cubic metres per day)**

	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Total Supply</b>	<b>35.42</b>	<b>32.25</b>	<b>32.31</b>	<b>32.57</b>	<b>32.18</b>	<b>29.81</b>	<b>29.52</b>	<b>28.74</b>	<b>28.14</b>
British Columbia	1.35	1.25	1.00	0.99	0.96	1.49	1.56	1.51	1.44
Alberta (1)	28.42	25.25	25.98	26.08	26.01	23.49	23.62	22.71	22.22
Saskatchewan	0.45	0.45	0.42	0.39	0.40	0.35	0.37	0.35	0.33
Nova Scotia	0.12	0.52	0.67	0.66	0.51	0.58	0.47	0.67	0.62
Frontier (2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refinery	5.09	4.77	4.25	4.45	4.30	3.90	3.50	3.51	3.52
<b>Demand</b>	<b>9.49</b>	<b>9.19</b>	<b>9.42</b>	<b>8.98</b>	<b>9.81</b>	<b>12.19</b>	<b>13.05</b>	<b>12.99</b>	<b>13.38</b>
<b>Potential Exports</b>	<b>25.93</b>	<b>23.06</b>	<b>22.89</b>	<b>23.60</b>	<b>22.38</b>	<b>17.62</b>	<b>16.46</b>	<b>15.75</b>	<b>14.75</b>
<b>Triple E</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Total Supply</b>	<b>35.42</b>	<b>32.25</b>	<b>32.31</b>	<b>32.57</b>	<b>32.18</b>	<b>29.81</b>	<b>30.43</b>	<b>29.62</b>	<b>28.96</b>
British Columbia	1.35	1.25	1.00	0.99	0.96	1.49	1.59	1.53	1.47
Alberta (1)	28.42	25.25	25.98	26.08	26.01	23.49	24.52	23.58	23.04
Saskatchewan	0.45	0.45	0.42	0.39	0.40	0.35	0.35	0.33	0.31
Nova Scotia	0.12	0.52	0.67	0.66	0.51	0.58	0.47	0.67	0.62
Frontier (2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refinery	5.09	4.77	4.25	4.45	4.30	3.90	3.50	3.50	3.51
<b>Demand</b>	<b>9.49</b>	<b>9.19</b>	<b>9.42</b>	<b>8.98</b>	<b>9.81</b>	<b>12.19</b>	<b>12.95</b>	<b>12.78</b>	<b>13.07</b>
<b>Potential Exports</b>	<b>25.93</b>	<b>23.06</b>	<b>22.89</b>	<b>23.60</b>	<b>22.38</b>	<b>17.62</b>	<b>17.48</b>	<b>16.83</b>	<b>15.88</b>
<b>Fortified Island</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Total Supply</b>	<b>35.42</b>	<b>32.25</b>	<b>32.31</b>	<b>32.57</b>	<b>32.18</b>	<b>29.81</b>	<b>30.14</b>	<b>29.35</b>	<b>29.15</b>
British Columbia	1.35	1.25	1.00	0.99	0.96	1.49	1.60	1.55	1.51
Alberta (1)	28.42	25.25	25.98	26.08	26.01	23.49	24.21	23.28	23.15
Saskatchewan	0.45	0.45	0.42	0.39	0.40	0.35	0.35	0.33	0.32
Nova Scotia	0.12	0.52	0.67	0.66	0.51	0.58	0.47	0.67	0.62
Frontier (2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refinery	5.09	4.77	4.25	4.45	4.30	3.90	3.50	3.52	3.54
<b>Demand</b>	<b>9.49</b>	<b>9.19</b>	<b>9.42</b>	<b>8.98</b>	<b>9.81</b>	<b>12.19</b>	<b>12.98</b>	<b>12.84</b>	<b>13.16</b>
<b>Potential Exports</b>	<b>25.93</b>	<b>23.06</b>	<b>22.89</b>	<b>23.60</b>	<b>22.38</b>	<b>17.62</b>	<b>17.15</b>	<b>16.51</b>	<b>15.98</b>

Note: (1) Alberta volume includes incremental supply from oil sand off-gas and enhanced deep-cut straddle plant capacity expansions.

(2) Frontier refers to the liquids associated with Mackenzie Delta gas.

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>28.16</b>	<b>28.20</b>	<b>28.29</b>	<b>27.79</b>	<b>27.31</b>	<b>26.85</b>	<b>28.77</b>	<b>28.46</b>	<b>27.46</b>	<b>26.31</b>	<b>26.15</b>	<b>24.87</b>
1.46	1.49	1.48	1.47	1.45	1.44	1.42	1.40	1.37	1.34	1.31	1.28
22.27	22.20	22.45	22.05	21.64	21.25	21.75	20.78	19.83	18.74	18.62	17.42
0.33	0.34	0.33	0.33	0.32	0.32	0.32	0.30	0.28	0.26	0.25	0.23
0.57	0.62	0.46	0.37	0.30	0.24	0.19	0.16	0.13	0.11	0.10	0.05
0.00	0.00	0.00	0.00	0.00	0.00	1.46	2.19	2.19	2.19	2.19	2.19
3.54	3.55	3.57	3.58	3.60	3.61	3.62	3.64	3.65	3.67	3.68	3.70
<b>13.59</b>	<b>13.93</b>	<b>14.10</b>	<b>14.27</b>	<b>14.43</b>	<b>14.58</b>	<b>14.77</b>	<b>14.92</b>	<b>15.07</b>	<b>15.24</b>	<b>15.42</b>	<b>15.60</b>
<b>14.57</b>	<b>14.27</b>	<b>14.19</b>	<b>13.52</b>	<b>12.88</b>	<b>12.27</b>	<b>13.99</b>	<b>13.54</b>	<b>12.39</b>	<b>11.07</b>	<b>10.72</b>	<b>9.27</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>28.95</b>	<b>28.96</b>	<b>29.08</b>	<b>28.65</b>	<b>28.22</b>	<b>27.83</b>	<b>28.36</b>	<b>26.59</b>	<b>24.82</b>	<b>22.68</b>	<b>21.51</b>	<b>19.52</b>
1.49	1.52	1.51	1.48	1.45	1.42	1.39	1.34	1.30	1.25	1.19	1.13
23.06	22.98	23.27	22.94	22.60	22.30	22.90	21.20	19.50	17.43	16.32	14.41
0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
0.57	0.62	0.46	0.37	0.30	0.24	0.19	0.16	0.13	0.11	0.10	0.05
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.52	3.52	3.53	3.54	3.55	3.55	3.56	3.57	3.57	3.58	3.59	3.60
<b>13.17</b>	<b>13.40</b>	<b>13.46</b>	<b>13.52</b>	<b>13.56</b>	<b>13.60</b>	<b>13.67</b>	<b>13.69</b>	<b>13.71</b>	<b>13.76</b>	<b>13.81</b>	<b>13.86</b>
<b>15.78</b>	<b>15.56</b>	<b>15.62</b>	<b>15.13</b>	<b>14.66</b>	<b>14.23</b>	<b>14.70</b>	<b>12.90</b>	<b>11.11</b>	<b>8.92</b>	<b>7.70</b>	<b>5.65</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>29.59</b>	<b>30.05</b>	<b>30.54</b>	<b>30.44</b>	<b>30.33</b>	<b>30.25</b>	<b>32.53</b>	<b>34.22</b>	<b>33.61</b>	<b>32.80</b>	<b>32.93</b>	<b>33.86</b>
1.56	1.63	1.66	1.68	1.70	1.72	1.74	1.75	1.75	1.75	1.75	1.74
23.58	23.88	24.49	24.43	24.36	24.30	25.12	26.11	25.50	24.71	24.85	23.88
0.32	0.33	0.33	0.33	0.33	0.33	0.33	0.31	0.30	0.28	0.27	0.25
0.56	0.62	0.46	0.37	0.30	0.24	0.19	0.16	0.13	0.11	0.10	0.73
0.00	0.00	0.00	0.00	0.00	0.00	1.46	2.19	2.19	2.19	2.19	3.47
3.56	3.58	3.60	3.62	3.65	3.67	3.69	3.71	3.73	3.76	3.78	3.80
<b>13.29</b>	<b>13.55</b>	<b>13.65</b>	<b>13.73</b>	<b>13.81</b>	<b>13.88</b>	<b>13.98</b>	<b>14.08</b>	<b>14.17</b>	<b>14.26</b>	<b>14.34</b>	<b>14.43</b>
<b>16.30</b>	<b>16.49</b>	<b>16.90</b>	<b>16.70</b>	<b>16.53</b>	<b>16.37</b>	<b>18.55</b>	<b>20.15</b>	<b>19.43</b>	<b>18.54</b>	<b>18.59</b>	<b>19.44</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>23.49</b>	<b>22.40</b>	<b>21.30</b>	<b>20.30</b>	<b>20.49</b>	<b>19.50</b>	<b>18.67</b>	<b>17.93</b>	<b>17.29</b>	<b>16.75</b>
1.21	1.23	1.26	1.29	1.27	1.24	1.21	1.17	1.10	1.03
16.13	15.02	13.90	12.87	11.81	10.85	10.05	9.34	8.76	8.29
0.20	0.18	0.16	0.13	0.12	0.10	0.09	0.08	0.08	0.07
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
2.19	2.19	2.19	2.19	3.47	3.47	3.47	3.47	3.47	3.47
3.71	3.73	3.74	3.76	3.77	3.79	3.80	3.82	3.83	3.85
<b>15.79</b>	<b>15.97</b>	<b>16.16</b>	<b>16.35</b>	<b>16.55</b>	<b>16.75</b>	<b>16.95</b>	<b>17.15</b>	<b>17.35</b>	<b>17.56</b>
<b>7.71</b>	<b>6.43</b>	<b>5.14</b>	<b>3.94</b>	<b>3.94</b>	<b>2.75</b>	<b>1.73</b>	<b>0.78</b>	<b>-0.06</b>	<b>-0.82</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>17.87</b>	<b>17.03</b>	<b>16.42</b>	<b>16.00</b>	<b>15.45</b>	<b>14.93</b>	<b>14.51</b>	<b>14.08</b>	<b>13.67</b>	<b>13.27</b>
1.04	1.04	1.03	1.03	0.98	0.91	0.85	0.77	0.68	0.56
12.87	12.04	11.48	11.10	10.63	10.19	9.86	9.51	9.20	8.92
0.31	0.28	0.24	0.19	0.16	0.13	0.10	0.09	0.07	0.06
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.60	3.61	3.62	3.62	3.63	3.64	3.65	3.65	3.66	3.67
<b>13.91</b>	<b>13.97</b>	<b>14.02</b>	<b>14.07</b>	<b>14.12</b>	<b>14.17</b>	<b>14.23</b>	<b>14.28</b>	<b>14.33</b>	<b>14.38</b>
<b>3.96</b>	<b>3.06</b>	<b>2.41</b>	<b>1.93</b>	<b>1.33</b>	<b>0.75</b>	<b>0.29</b>	<b>-0.20</b>	<b>-0.67</b>	<b>-1.12</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>32.62</b>	<b>31.68</b>	<b>31.33</b>	<b>30.33</b>	<b>30.04</b>	<b>28.82</b>	<b>27.73</b>	<b>27.28</b>	<b>26.22</b>	<b>25.25</b>
1.68	1.74	1.81	1.87	1.88	1.86	1.84	1.80	1.73	1.62
22.69	21.69	20.60	19.53	18.32	17.12	16.03	14.98	14.04	13.21
0.23	0.21	0.18	0.16	0.14	0.12	0.11	0.09	0.08	0.07
0.73	0.73	1.40	1.40	1.40	1.40	1.40	2.04	1.98	1.93
3.47	3.47	3.47	3.47	4.38	4.38	4.38	4.38	4.38	4.38
3.82	3.85	3.87	3.89	3.92	3.94	3.96	3.99	4.01	4.04
<b>14.51</b>	<b>14.60</b>	<b>14.68</b>	<b>14.77</b>	<b>14.86</b>	<b>14.95</b>	<b>15.04</b>	<b>15.13</b>	<b>15.22</b>	<b>15.31</b>
<b>18.10</b>	<b>17.08</b>	<b>16.64</b>	<b>15.55</b>	<b>15.18</b>	<b>13.87</b>	<b>12.69</b>	<b>12.16</b>	<b>11.01</b>	<b>9.94</b>



Table A3.12: Butane Supply, Demand and Potential Exports

**Reference Case & Continuing Trends****(thousand cubic metres per day)**

	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Total Supply</b>	<b>28.06</b>	<b>25.23</b>	<b>26.01</b>	<b>24.29</b>	<b>23.89</b>	<b>23.39</b>	<b>23.19</b>	<b>22.76</b>	<b>22.35</b>
British Columbia	0.94	0.88	0.80	0.81	0.83	1.00	1.04	1.01	0.96
Alberta (1)	16.48	14.50	16.16	14.88	14.69	13.97	14.05	13.50	13.15
Saskatchewan	0.25	0.24	0.25	0.24	0.25	0.28	0.29	0.28	0.27
Nova Scotia	0.11	0.37	0.44	0.43	0.37	0.44	0.36	0.51	0.48
Frontier (2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refinery	10.27	9.24	8.36	7.93	7.76	7.69	7.44	7.47	7.50
<b>Demand</b>	<b>21.63</b>	<b>19.66</b>	<b>19.91</b>	<b>19.88</b>	<b>19.67</b>	<b>18.91</b>	<b>19.06</b>	<b>17.97</b>	<b>18.39</b>
<b>Potential Exports</b>	<b>6.43</b>	<b>5.57</b>	<b>6.10</b>	<b>4.41</b>	<b>4.22</b>	<b>4.47</b>	<b>4.12</b>	<b>4.80</b>	<b>3.96</b>
<b>Triple E</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Total Supply</b>	<b>28.06</b>	<b>25.23</b>	<b>26.01</b>	<b>24.29</b>	<b>23.89</b>	<b>23.39</b>	<b>23.76</b>	<b>23.30</b>	<b>22.84</b>
British Columbia	0.94	0.88	0.80	0.81	0.83	1.00	1.00	0.97	0.93
Alberta (1)	16.48	14.50	16.16	14.88	14.69	13.98	14.65	14.08	13.70
Saskatchewan	0.25	0.24	0.25	0.24	0.25	0.28	0.30	0.29	0.27
Nova Scotia	0.11	0.37	0.44	0.43	0.37	0.44	0.36	0.51	0.48
Frontier (2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refinery	10.27	9.24	8.36	7.93	7.76	7.69	7.44	7.46	7.47
<b>Demand</b>	<b>21.63</b>	<b>19.66</b>	<b>19.91</b>	<b>19.88</b>	<b>19.67</b>	<b>18.91</b>	<b>19.06</b>	<b>17.77</b>	<b>18.00</b>
<b>Potential Exports</b>	<b>6.43</b>	<b>5.57</b>	<b>6.10</b>	<b>4.41</b>	<b>4.22</b>	<b>4.48</b>	<b>4.70</b>	<b>5.53</b>	<b>4.85</b>
<b>Fortified Island</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Total Supply</b>	<b>28.06</b>	<b>25.23</b>	<b>26.01</b>	<b>24.29</b>	<b>23.89</b>	<b>23.39</b>	<b>23.20</b>	<b>22.79</b>	<b>22.64</b>
British Columbia	0.94	0.88	0.80	0.81	0.83	1.00	1.04	1.01	0.98
Alberta (1)	16.48	14.50	16.16	14.88	14.69	13.97	14.05	13.50	13.37
Saskatchewan	0.25	0.24	0.25	0.24	0.25	0.28	0.30	0.29	0.28
Nova Scotia	0.11	0.37	0.44	0.43	0.37	0.44	0.36	0.51	0.47
Frontier (2)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Refinery	10.27	9.24	8.36	7.93	7.76	7.69	7.44	7.49	7.53
<b>Demand</b>	<b>21.63</b>	<b>19.66</b>	<b>19.91</b>	<b>19.88</b>	<b>19.67</b>	<b>18.91</b>	<b>19.06</b>	<b>17.88</b>	<b>18.22</b>
<b>Potential Exports</b>	<b>6.43</b>	<b>5.57</b>	<b>6.10</b>	<b>4.41</b>	<b>4.22</b>	<b>4.47</b>	<b>4.13</b>	<b>4.91</b>	<b>4.41</b>

Note: (1) Alberta volume includes incremental supply from oil sand off-gas and enhanced deep-cut straddle plant capacity expansions.

(2) Frontier refers to the liquids associated with Mackenzie Delta gas.

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>22.31</b>	<b>22.35</b>	<b>22.42</b>	<b>22.13</b>	<b>21.85</b>	<b>21.58</b>	<b>22.35</b>	<b>22.10</b>	<b>21.51</b>	<b>20.83</b>	<b>20.80</b>	<b>20.04</b>
0.97	0.99	0.99	0.98	0.97	0.96	0.95	0.93	0.91	0.90	0.88	0.85
13.11	13.06	13.23	12.98	12.74	12.50	12.56	11.97	11.40	10.74	10.72	10.00
0.27	0.27	0.27	0.27	0.26	0.26	0.25	0.24	0.23	0.21	0.20	0.18
0.43	0.47	0.35	0.28	0.23	0.18	0.15	0.12	0.10	0.09	0.07	0.04
0.00	0.00	0.00	0.00	0.00	0.00	0.73	1.10	1.10	1.10	1.10	1.10
7.53	7.56	7.59	7.62	7.65	7.68	7.71	7.74	7.77	7.81	7.84	7.87
<b>18.83</b>	<b>19.14</b>	<b>19.29</b>	<b>19.43</b>	<b>19.57</b>	<b>16.99</b>	<b>14.44</b>	<b>14.56</b>	<b>14.69</b>	<b>14.84</b>	<b>14.99</b>	<b>15.15</b>
<b>3.49</b>	<b>3.21</b>	<b>3.13</b>	<b>2.70</b>	<b>2.28</b>	<b>4.59</b>	<b>7.92</b>	<b>7.54</b>	<b>6.82</b>	<b>5.99</b>	<b>5.81</b>	<b>4.89</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>22.77</b>	<b>22.79</b>	<b>22.87</b>	<b>22.60</b>	<b>22.34</b>	<b>22.10</b>	<b>22.18</b>	<b>21.11</b>	<b>20.04</b>	<b>18.75</b>	<b>18.10</b>	<b>16.89</b>
0.94	0.96	0.96	0.94	0.92	0.90	0.88	0.85	0.82	0.79	0.75	0.72
13.64	13.58	13.77	13.57	13.37	13.18	13.30	12.27	11.24	9.98	9.36	8.20
0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
0.43	0.47	0.35	0.28	0.23	0.18	0.15	0.12	0.10	0.09	0.07	0.04
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.49	7.50	7.52	7.53	7.55	7.56	7.58	7.59	7.61	7.62	7.64	7.65
<b>18.23</b>	<b>18.34</b>	<b>18.29</b>	<b>18.23</b>	<b>18.16</b>	<b>18.08</b>	<b>18.02</b>	<b>17.94</b>	<b>17.85</b>	<b>17.79</b>	<b>16.96</b>	<b>16.12</b>
<b>4.54</b>	<b>4.45</b>	<b>4.58</b>	<b>4.37</b>	<b>4.18</b>	<b>4.02</b>	<b>4.16</b>	<b>3.17</b>	<b>2.19</b>	<b>0.95</b>	<b>1.14</b>	<b>0.77</b>

2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>22.87</b>	<b>23.17</b>	<b>23.50</b>	<b>23.46</b>	<b>23.42</b>	<b>23.39</b>	<b>24.40</b>	<b>24.98</b>	<b>24.64</b>	<b>24.19</b>	<b>24.37</b>	<b>24.94</b>
1.02	1.06	1.08	1.09	1.10	1.12	1.13	1.14	1.14	1.14	1.14	1.13
13.56	13.73	14.12	14.08	14.04	14.00	14.26	14.46	14.10	13.63	13.79	13.22
0.28	0.29	0.29	0.29	0.29	0.29	0.28	0.27	0.26	0.25	0.23	0.22
0.43	0.47	0.35	0.28	0.23	0.18	0.15	0.12	0.10	0.09	0.07	0.55
0.00	0.00	0.00	0.00	0.00	0.00	0.73	1.10	1.10	1.10	1.10	1.73
7.58	7.62	7.67	7.71	7.76	7.81	7.85	7.90	7.95	7.99	8.04	8.09
<b>18.57</b>	<b>18.80</b>	<b>18.86</b>	<b>18.91</b>	<b>18.95</b>	<b>18.98</b>	<b>19.04</b>	<b>19.09</b>	<b>19.14</b>	<b>19.19</b>	<b>19.25</b>	<b>19.30</b>
<b>4.30</b>	<b>4.38</b>	<b>4.65</b>	<b>4.55</b>	<b>4.47</b>	<b>4.41</b>	<b>5.36</b>	<b>5.89</b>	<b>5.50</b>	<b>5.00</b>	<b>5.12</b>	<b>5.64</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>19.22</b>	<b>18.58</b>	<b>17.93</b>	<b>17.34</b>	<b>17.35</b>	<b>16.76</b>	<b>16.28</b>	<b>15.85</b>	<b>15.48</b>	<b>15.17</b>
0.81	0.82	0.84	0.86	0.85	0.82	0.81	0.78	0.74	0.68
9.21	8.54	7.87	7.25	6.60	6.02	5.54	5.11	4.76	4.47
0.16	0.14	0.13	0.11	0.09	0.08	0.08	0.07	0.06	0.05
0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
1.10	1.10	1.10	1.10	1.73	1.73	1.73	1.73	1.73	1.73
7.90	7.93	7.96	7.99	8.03	8.06	8.09	8.12	8.16	8.19
<b>15.31</b>	<b>15.47</b>	<b>15.63</b>	<b>15.80</b>	<b>15.97</b>	<b>16.13</b>	<b>15.54</b>	<b>14.95</b>	<b>15.13</b>	<b>15.30</b>
<b>3.91</b>	<b>3.11</b>	<b>2.30</b>	<b>1.54</b>	<b>1.38</b>	<b>0.63</b>	<b>0.74</b>	<b>0.90</b>	<b>0.36</b>	<b>-0.13</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>15.90</b>	<b>15.39</b>	<b>15.02</b>	<b>14.76</b>	<b>14.43</b>	<b>14.11</b>	<b>13.86</b>	<b>13.60</b>	<b>13.36</b>	<b>13.12</b>
0.66	0.66	0.65	0.65	0.62	0.58	0.54	0.49	0.43	0.36
7.26	6.76	6.42	6.19	5.90	5.64	5.43	5.22	5.04	4.87
0.27	0.25	0.21	0.17	0.14	0.11	0.09	0.08	0.06	0.05
0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.67	7.68	7.70	7.71	7.73	7.74	7.76	7.78	7.79	7.81
<b>16.06</b>	<b>16.00</b>	<b>15.95</b>	<b>15.89</b>	<b>15.83</b>	<b>15.78</b>	<b>15.72</b>	<b>15.66</b>	<b>15.61</b>	<b>15.55</b>
<b>-0.16</b>	<b>-0.61</b>	<b>-0.93</b>	<b>-1.12</b>	<b>-1.40</b>	<b>-1.67</b>	<b>-1.86</b>	<b>-2.06</b>	<b>-2.25</b>	<b>-2.43</b>

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>24.23</b>	<b>23.71</b>	<b>23.65</b>	<b>23.10</b>	<b>22.87</b>	<b>22.19</b>	<b>21.57</b>	<b>21.45</b>	<b>20.85</b>	<b>20.29</b>
1.09	1.13	1.17	1.22	1.22	1.21	1.20	1.17	1.12	1.06
12.51	11.92	11.28	10.65	9.94	9.23	8.59	7.97	7.42	6.92
0.20	0.18	0.16	0.14	0.12	0.11	0.09	0.08	0.07	0.06
0.55	0.55	1.07	1.07	1.07	1.07	1.07	1.55	1.51	1.47
1.73	1.73	1.73	1.73	2.19	2.19	2.19	2.19	2.19	2.19
8.14	8.19	8.24	8.29	8.34	8.39	8.44	8.49	8.54	8.59
<b>19.35</b>	<b>19.41</b>	<b>19.46</b>	<b>19.52</b>	<b>19.57</b>	<b>19.63</b>	<b>19.68</b>	<b>19.74</b>	<b>19.79</b>	<b>19.85</b>
<b>4.88</b>	<b>4.31</b>	<b>4.19</b>	<b>3.58</b>	<b>3.30</b>	<b>2.56</b>	<b>1.89</b>	<b>1.71</b>	<b>1.05</b>	<b>0.44</b>





2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>646.54</b>	<b>663.39</b>	<b>669.69</b>	<b>674.90</b>	<b>678.51</b>	<b>682.09</b>	<b>686.42</b>	<b>691.78</b>	<b>695.82</b>
114.81	118.82	111.93	103.94	93.92	84.62	76.40	69.17	61.73
63.33	61.23	59.19	57.23	55.34	53.50	51.73	50.02	48.37
24.40	23.98	22.88	21.63	20.40	19.05	17.56	16.35	15.14
290.00	299.01	308.58	318.14	327.69	337.19	346.63	355.99	365.25
154.00	160.36	167.11	173.96	181.17	187.73	194.09	200.24	205.33
<b>520.70</b>	<b>532.40</b>	<b>544.71</b>	<b>556.89</b>	<b>569.04</b>	<b>580.98</b>	<b>592.66</b>	<b>604.33</b>	<b>614.93</b>
36.05	34.25	32.54	30.91	29.36	27.90	26.50	25.18	23.92
20.22	19.41	18.64	17.89	17.18	16.49	15.83	15.20	14.59
20.43	19.38	18.35	17.19	16.04	14.78	13.40	12.23	11.05
290.00	299.01	308.58	318.14	327.69	337.19	346.63	355.99	365.25
154.00	160.36	166.61	172.76	178.77	184.63	190.29	195.74	200.13
<b>2.80</b>	<b>2.63</b>	<b>2.47</b>	<b>2.32</b>	<b>2.18</b>	<b>2.05</b>	<b>1.90</b>	<b>1.84</b>	<b>1.79</b>
1.53	1.38	1.24	1.11	1.00	0.90	0.81	0.73	0.66
1.27	1.25	1.23	1.20	1.18	1.15	1.08	1.11	1.13
<b>3.02</b>	<b>2.87</b>	<b>2.72</b>	<b>2.59</b>	<b>2.46</b>	<b>2.34</b>	<b>2.22</b>	<b>2.11</b>	<b>2.00</b>
3.02	2.87	2.72	2.59	2.46	2.34	2.22	2.11	2.00
<b>62.69</b>	<b>69.38</b>	<b>65.03</b>	<b>59.45</b>	<b>51.70</b>	<b>44.57</b>	<b>38.40</b>	<b>33.11</b>	<b>27.51</b>
62.69	69.38	65.03	59.45	51.70	44.57	38.40	33.11	27.51
<b>3.26</b>	<b>3.90</b>	<b>3.82</b>	<b>3.73</b>	<b>3.66</b>	<b>3.58</b>	<b>3.51</b>	<b>3.45</b>	<b>3.38</b>
1.81	1.72	1.63	1.55	1.47	1.40	1.33	1.26	1.20
1.46	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19
<b>1.03</b>	<b>0.98</b>	<b>0.93</b>	<b>0.88</b>	<b>0.84</b>	<b>0.80</b>	<b>0.76</b>	<b>0.72</b>	<b>0.68</b>
1.03	0.98	0.93	0.88	0.84	0.80	0.76	0.72	0.68
<b>0.22</b>	<b>0.21</b>	<b>0.20</b>	<b>0.19</b>	<b>0.18</b>	<b>0.17</b>	<b>0.16</b>	<b>0.16</b>	<b>0.15</b>
0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.16	0.15
<b>52.80</b>	<b>51.02</b>	<b>49.81</b>	<b>48.85</b>	<b>48.45</b>	<b>47.61</b>	<b>46.82</b>	<b>46.07</b>	<b>45.38</b>
9.50	9.02	8.57	8.14	7.73	7.35	6.98	6.63	6.30
43.11	41.81	40.56	39.34	38.16	37.02	35.91	34.83	33.78
0.20	0.19	0.18	0.17	0.16	0.14	0.13	0.11	0.10
0.00	0.00	0.50	1.20	2.40	3.10	3.80	4.50	5.20

2024	2025	2026	2027	2028	2029	2030
<b>701.32</b>	<b>707.74</b>	<b>714.18</b>	<b>721.32</b>	<b>728.55</b>	<b>734.27</b>	<b>740.53</b>
56.02	50.46	46.58	43.31	40.57	36.74	33.97
46.77	45.23	43.74	42.30	40.91	39.56	38.26
14.03	14.13	13.04	12.13	11.30	10.59	9.98
374.38	383.36	392.18	400.81	408.82	416.18	422.84
210.12	214.56	218.64	222.77	226.96	231.19	235.48
<b>625.28</b>	<b>635.19</b>	<b>644.75</b>	<b>654.42</b>	<b>663.70</b>	<b>672.57</b>	<b>680.97</b>
22.72	21.58	20.51	19.48	18.51	17.58	16.70
14.00	13.44	12.91	12.39	11.89	11.42	10.96
9.96	8.84	7.82	6.97	6.22	5.60	5.09
374.38	383.36	392.18	400.81	408.82	416.18	422.84
204.22	207.96	211.34	214.77	218.26	221.79	225.38
<b>1.75</b>	<b>1.67</b>	<b>1.59</b>	<b>1.52</b>	<b>1.43</b>	<b>1.34</b>	<b>1.23</b>
0.59	0.53	0.48	0.43	0.39	0.35	0.31
1.15	1.14	1.11	1.08	1.04	0.99	0.92
<b>1.90</b>	<b>1.81</b>	<b>1.72</b>	<b>1.63</b>	<b>1.55</b>	<b>1.47</b>	<b>1.40</b>
1.90	1.81	1.72	1.63	1.55	1.47	1.40
<b>23.54</b>	<b>19.63</b>	<b>17.32</b>	<b>15.54</b>	<b>14.21</b>	<b>11.72</b>	<b>10.21</b>
23.54	19.63	17.32	15.54	14.21	11.72	10.21
<b>3.32</b>	<b>4.54</b>	<b>4.49</b>	<b>4.44</b>	<b>4.39</b>	<b>4.34</b>	<b>4.30</b>
1.14	1.08	1.03	0.98	0.93	0.88	0.84
2.19	3.46	3.46	3.46	3.46	3.46	3.46
<b>0.65</b>	<b>0.61</b>	<b>0.58</b>	<b>0.55</b>	<b>0.52</b>	<b>0.50</b>	<b>0.47</b>
0.65	0.61	0.58	0.55	0.52	0.50	0.47
<b>0.14</b>	<b>0.13</b>	<b>0.13</b>	<b>0.12</b>	<b>0.11</b>	<b>0.11</b>	<b>0.10</b>
0.14	0.13	0.13	0.12	0.11	0.11	0.10
<b>44.74</b>	<b>44.15</b>	<b>43.60</b>	<b>43.10</b>	<b>42.64</b>	<b>42.22</b>	<b>41.84</b>
5.98	5.69	5.40	5.13	4.87	4.63	4.40
32.77	31.79	30.83	29.91	29.01	28.14	27.30
0.08	0.07	0.07	0.06	0.05	0.05	0.04
5.90	6.60	7.30	8.00	8.70	9.40	10.10







## National Energy Board

## Canada's Energy Future – Appendices

2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>4.073</b>	<b>4.179</b>	<b>4.219</b>	<b>4.252</b>	<b>4.275</b>	<b>4.297</b>	<b>4.324</b>	<b>4.358</b>	<b>4.384</b>
0.723	0.749	0.705	0.655	0.592	0.533	0.481	0.436	0.389
0.399	0.386	0.373	0.361	0.349	0.337	0.326	0.315	0.305
0.154	0.151	0.144	0.136	0.129	0.120	0.111	0.103	0.095
1.827	1.884	1.944	2.004	2.064	2.124	2.184	2.243	2.301
0.970	1.010	1.053	1.096	1.141	1.183	1.223	1.262	1.294
<b>3.280</b>	<b>3.354</b>	<b>3.432</b>	<b>3.508</b>	<b>3.585</b>	<b>3.660</b>	<b>3.734</b>	<b>3.807</b>	<b>3.874</b>
0.227	0.216	0.205	0.195	0.185	0.176	0.167	0.159	0.151
0.127	0.122	0.117	0.113	0.108	0.104	0.100	0.096	0.092
0.129	0.122	0.116	0.108	0.101	0.093	0.084	0.077	0.070
1.827	1.884	1.944	2.004	2.064	2.124	2.184	2.243	2.301
0.970	1.010	1.050	1.088	1.126	1.163	1.199	1.233	1.261
<b>0.018</b>	<b>0.017</b>	<b>0.016</b>	<b>0.015</b>	<b>0.014</b>	<b>0.013</b>	<b>0.012</b>	<b>0.012</b>	<b>0.011</b>
0.010	0.009	0.008	0.007	0.006	0.006	0.005	0.005	0.004
0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007
<b>0.019</b>	<b>0.018</b>	<b>0.017</b>	<b>0.016</b>	<b>0.015</b>	<b>0.015</b>	<b>0.014</b>	<b>0.013</b>	<b>0.013</b>
0.019	0.018	0.017	0.016	0.015	0.015	0.014	0.013	0.013
<b>0.395</b>	<b>0.437</b>	<b>0.410</b>	<b>0.375</b>	<b>0.326</b>	<b>0.281</b>	<b>0.242</b>	<b>0.209</b>	<b>0.173</b>
0.395	0.437	0.410	0.375	0.326	0.281	0.242	0.209	0.173
<b>0.021</b>	<b>0.025</b>	<b>0.024</b>	<b>0.024</b>	<b>0.023</b>	<b>0.023</b>	<b>0.022</b>	<b>0.022</b>	<b>0.021</b>
0.011	0.011	0.010	0.010	0.009	0.009	0.008	0.008	0.008
0.009	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014
<b>0.007</b>	<b>0.006</b>	<b>0.006</b>	<b>0.006</b>	<b>0.005</b>	<b>0.005</b>	<b>0.005</b>	<b>0.005</b>	<b>0.004</b>
0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.004
<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>
0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
<b>0.333</b>	<b>0.321</b>	<b>0.314</b>	<b>0.308</b>	<b>0.305</b>	<b>0.300</b>	<b>0.295</b>	<b>0.290</b>	<b>0.286</b>
0.060	0.057	0.054	0.051	0.049	0.046	0.044	0.042	0.040
0.272	0.263	0.256	0.248	0.240	0.233	0.226	0.219	0.213
0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
0.000	0.000	0.003	0.008	0.015	0.020	0.024	0.028	0.033

2024	2025	2026	2027	2028	2029	2030
<b>4.418</b>	<b>4.459</b>	<b>4.499</b>	<b>4.544</b>	<b>4.590</b>	<b>4.626</b>	<b>4.665</b>
0.353	0.318	0.293	0.273	0.256	0.231	0.214
0.295	0.285	0.276	0.266	0.258	0.249	0.241
0.088	0.089	0.082	0.076	0.071	0.067	0.063
2.359	2.415	2.471	2.525	2.576	2.622	2.664
1.324	1.352	1.377	1.403	1.430	1.457	1.484
<b>3.939</b>	<b>4.002</b>	<b>4.062</b>	<b>4.123</b>	<b>4.181</b>	<b>4.237</b>	<b>4.290</b>
0.143	0.136	0.129	0.123	0.117	0.111	0.105
0.088	0.085	0.081	0.078	0.075	0.072	0.069
0.063	0.056	0.049	0.044	0.039	0.035	0.032
2.359	2.415	2.471	2.525	2.576	2.622	2.664
1.287	1.310	1.331	1.353	1.375	1.397	1.420
<b>0.011</b>	<b>0.011</b>	<b>0.010</b>	<b>0.010</b>	<b>0.009</b>	<b>0.008</b>	<b>0.008</b>
0.004	0.003	0.003	0.003	0.002	0.002	0.002
0.007	0.007	0.007	0.007	0.007	0.006	0.006
<b>0.012</b>	<b>0.011</b>	<b>0.011</b>	<b>0.010</b>	<b>0.010</b>	<b>0.009</b>	<b>0.009</b>
0.012	0.011	0.011	0.010	0.010	0.009	0.009
<b>0.148</b>	<b>0.124</b>	<b>0.109</b>	<b>0.098</b>	<b>0.090</b>	<b>0.074</b>	<b>0.064</b>
0.148	0.124	0.109	0.098	0.090	0.074	0.064
<b>0.021</b>	<b>0.029</b>	<b>0.028</b>	<b>0.028</b>	<b>0.028</b>	<b>0.027</b>	<b>0.027</b>
0.007	0.007	0.006	0.006	0.006	0.006	0.005
0.014	0.022	0.022	0.022	0.022	0.022	0.022
<b>0.004</b>	<b>0.004</b>	<b>0.004</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>
0.004	0.004	0.004	0.003	0.003	0.003	0.003
<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>
0.001	0.001	0.001	0.001	0.001	0.001	0.001
<b>0.282</b>	<b>0.278</b>	<b>0.275</b>	<b>0.272</b>	<b>0.269</b>	<b>0.266</b>	<b>0.264</b>
0.038	0.036	0.034	0.032	0.031	0.029	0.028
0.206	0.200	0.194	0.188	0.183	0.177	0.172
0.001	0.000	0.000	0.000	0.000	0.000	0.000
0.037	0.042	0.046	0.050	0.055	0.059	0.064



















2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>723.25</b>	<b>736.74</b>	<b>776.26</b>	<b>789.64</b>	<b>803.76</b>	<b>826.91</b>	<b>838.17</b>	<b>847.23</b>	<b>857.16</b>
153.78	147.45	166.44	157.49	148.85	147.58	138.01	126.29	114.01
68.27	66.68	65.14	63.64	62.17	60.73	59.33	57.97	56.63
26.52	26.50	25.78	24.90	24.00	26.10	24.84	23.87	24.77
305.86	320.54	335.29	350.04	364.74	379.33	393.74	407.92	421.79
168.83	175.56	183.61	193.57	204.00	213.17	222.24	231.18	239.95
<b>557.07</b>	<b>575.66</b>	<b>595.71</b>	<b>615.67</b>	<b>635.62</b>	<b>655.31</b>	<b>674.59</b>	<b>693.75</b>	<b>712.42</b>
38.49	36.95	35.48	34.06	32.69	31.39	30.13	28.93	27.77
21.59	20.94	20.31	19.70	19.11	18.54	17.98	17.44	16.92
22.80	22.16	21.52	20.71	19.87	18.89	17.69	16.68	15.59
305.86	320.54	335.29	350.04	364.74	379.33	393.74	407.92	421.79
168.33	175.06	183.11	191.17	199.20	207.17	215.04	222.78	230.35
<b>3.32</b>	<b>3.18</b>	<b>3.04</b>	<b>2.92</b>	<b>2.80</b>	<b>2.69</b>	<b>2.54</b>	<b>2.51</b>	<b>2.48</b>
1.84	1.69	1.56	1.43	1.32	1.21	1.12	1.03	0.94
1.48	1.48	1.49	1.49	1.48	1.47	1.42	1.48	1.53
<b>3.18</b>	<b>3.05</b>	<b>2.93</b>	<b>2.81</b>	<b>2.70</b>	<b>2.59</b>	<b>2.49</b>	<b>2.39</b>	<b>2.29</b>
3.18	3.05	2.93	2.81	2.70	2.59	2.49	2.39	2.29
<b>98.02</b>	<b>94.01</b>	<b>115.23</b>	<b>108.41</b>	<b>101.81</b>	<b>102.48</b>	<b>94.78</b>	<b>84.86</b>	<b>74.29</b>
98.02	94.01	115.23	108.41	101.81	102.48	94.78	84.86	74.29
<b>3.26</b>	<b>3.90</b>	<b>3.82</b>	<b>3.73</b>	<b>3.66</b>	<b>4.86</b>	<b>4.79</b>	<b>4.72</b>	<b>4.66</b>
1.81	1.72	1.63	1.55	1.47	1.40	1.33	1.26	1.20
1.46	2.19	2.19	2.19	2.19	3.46	3.46	3.46	3.46
<b>0.56</b>	<b>0.46</b>	<b>0.38</b>	<b>0.32</b>	<b>0.28</b>	<b>2.11</b>	<b>2.11</b>	<b>2.11</b>	<b>4.06</b>
0.56	0.46	0.38	0.32	0.28	2.11	2.11	2.11	4.06
<b>0.22</b>	<b>0.21</b>	<b>0.20</b>	<b>0.19</b>	<b>0.18</b>	<b>0.17</b>	<b>0.16</b>	<b>0.16</b>	<b>0.15</b>
0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.16	0.15
<b>57.62</b>	<b>56.27</b>	<b>54.95</b>	<b>55.57</b>	<b>56.72</b>	<b>56.70</b>	<b>56.71</b>	<b>56.74</b>	<b>56.81</b>
10.22	9.81	9.42	9.04	8.68	8.33	8.00	7.68	7.37
46.68	45.74	44.83	43.93	43.05	42.19	41.35	40.52	39.71
0.22	0.22	0.21	0.20	0.19	0.17	0.16	0.14	0.13
0.50	0.50	0.50	2.40	4.80	6.00	7.20	8.40	9.60

2024	2025	2026	2027	2028	2029	2030
<b>860.61</b>	<b>864.29</b>	<b>868.87</b>	<b>874.86</b>	<b>882.18</b>	<b>889.09</b>	<b>897.45</b>
101.00	90.78	82.09	74.41	67.13	61.17	56.33
55.33	54.06	52.82	51.61	50.43	49.27	48.15
23.74	23.42	22.20	21.08	21.85	20.66	19.58
432.02	441.62	451.40	461.38	470.32	479.39	488.57
248.53	254.41	260.36	266.38	272.46	278.61	284.82
<b>727.33</b>	<b>738.84</b>	<b>750.67</b>	<b>762.93</b>	<b>774.32</b>	<b>786.05</b>	<b>798.12</b>
26.66	25.59	24.57	23.59	22.64	21.74	20.87
16.41	15.92	15.44	14.98	14.53	14.09	13.67
14.51	13.30	12.10	11.01	9.96	9.02	8.18
432.02	441.62	451.40	461.38	470.32	479.39	488.57
237.73	242.41	247.16	251.98	256.86	261.81	266.82
<b>2.46</b>	<b>2.39</b>	<b>2.31</b>	<b>2.24</b>	<b>2.15</b>	<b>2.04</b>	<b>1.90</b>
0.87	0.80	0.74	0.68	0.62	0.57	0.53
1.59	1.59	1.58	1.56	1.53	1.47	1.38
<b>2.20</b>	<b>2.11</b>	<b>2.03</b>	<b>1.95</b>	<b>1.87</b>	<b>1.80</b>	<b>1.72</b>
2.20	2.11	2.03	1.95	1.87	1.80	1.72
<b>62.91</b>	<b>54.27</b>	<b>47.08</b>	<b>40.84</b>	<b>34.94</b>	<b>30.30</b>	<b>26.74</b>
62.91	54.27	47.08	40.84	34.94	30.30	26.74
<b>4.60</b>	<b>5.45</b>	<b>5.40</b>	<b>5.35</b>	<b>5.30</b>	<b>5.25</b>	<b>5.21</b>
1.14	1.08	1.03	0.98	0.93	0.88	0.84
3.46	4.37	4.37	4.37	4.37	4.37	4.37
<b>4.06</b>	<b>4.06</b>	<b>4.06</b>	<b>4.06</b>	<b>5.91</b>	<b>5.74</b>	<b>5.59</b>
4.06	4.06	4.06	4.06	5.91	5.74	5.59
<b>0.14</b>	<b>0.13</b>	<b>0.13</b>	<b>0.12</b>	<b>0.11</b>	<b>0.11</b>	<b>0.10</b>
0.14	0.13	0.13	0.12	0.11	0.11	0.10
<b>56.90</b>	<b>57.03</b>	<b>57.18</b>	<b>57.36</b>	<b>57.57</b>	<b>57.80</b>	<b>58.06</b>
7.08	6.79	6.52	6.26	6.01	5.77	5.54
38.92	38.14	37.38	36.63	35.90	35.18	34.47
0.11	0.10	0.08	0.07	0.07	0.06	0.05
10.80	12.00	13.20	14.40	15.60	16.80	18.00





## National Energy Board

## Canada's Energy Future – Appendices

2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>4.556</b>	<b>4.641</b>	<b>4.890</b>	<b>4.975</b>	<b>5.064</b>	<b>5.210</b>	<b>5.280</b>	<b>5.338</b>	<b>5.400</b>
0.969	0.929	1.049	0.992	0.938	0.930	0.869	0.796	0.718
0.430	0.420	0.410	0.401	0.392	0.383	0.374	0.365	0.357
0.167	0.167	0.162	0.157	0.151	0.164	0.157	0.150	0.156
1.927	2.019	2.112	2.205	2.298	2.390	2.481	2.570	2.657
1.064	1.106	1.157	1.219	1.285	1.343	1.400	1.456	1.512
<b>3.510</b>	<b>3.627</b>	<b>3.753</b>	<b>3.879</b>	<b>4.004</b>	<b>4.128</b>	<b>4.250</b>	<b>4.371</b>	<b>4.488</b>
0.243	0.233	0.223	0.215	0.206	0.198	0.190	0.182	0.175
0.136	0.132	0.128	0.124	0.120	0.117	0.113	0.110	0.107
0.144	0.140	0.136	0.130	0.125	0.119	0.111	0.105	0.098
1.927	2.019	2.112	2.205	2.298	2.390	2.481	2.570	2.657
1.060	1.103	1.154	1.204	1.255	1.305	1.355	1.404	1.451
<b>0.021</b>	<b>0.020</b>	<b>0.019</b>	<b>0.018</b>	<b>0.018</b>	<b>0.017</b>	<b>0.016</b>	<b>0.016</b>	<b>0.016</b>
0.012	0.011	0.010	0.009	0.008	0.008	0.007	0.006	0.006
0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.010
<b>0.020</b>	<b>0.019</b>	<b>0.018</b>	<b>0.018</b>	<b>0.017</b>	<b>0.016</b>	<b>0.016</b>	<b>0.015</b>	<b>0.014</b>
0.020	0.019	0.018	0.018	0.017	0.016	0.016	0.015	0.014
<b>0.618</b>	<b>0.592</b>	<b>0.726</b>	<b>0.683</b>	<b>0.641</b>	<b>0.646</b>	<b>0.597</b>	<b>0.535</b>	<b>0.468</b>
0.618	0.592	0.726	0.683	0.641	0.646	0.597	0.535	0.468
<b>0.021</b>	<b>0.025</b>	<b>0.024</b>	<b>0.024</b>	<b>0.023</b>	<b>0.031</b>	<b>0.030</b>	<b>0.030</b>	<b>0.029</b>
0.011	0.011	0.010	0.010	0.009	0.009	0.008	0.008	0.008
0.009	0.014	0.014	0.014	0.014	0.022	0.022	0.022	0.022
<b>0.003</b>	<b>0.003</b>	<b>0.002</b>	<b>0.002</b>	<b>0.002</b>	<b>0.013</b>	<b>0.013</b>	<b>0.013</b>	<b>0.026</b>
0.003	0.003	0.002	0.002	0.002	0.013	0.013	0.013	0.026
<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>
0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
<b>0.363</b>	<b>0.354</b>	<b>0.346</b>	<b>0.350</b>	<b>0.357</b>	<b>0.357</b>	<b>0.357</b>	<b>0.357</b>	<b>0.358</b>
0.064	0.062	0.059	0.057	0.055	0.052	0.050	0.048	0.046
0.294	0.288	0.282	0.277	0.271	0.266	0.260	0.255	0.250
0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
0.003	0.003	0.003	0.015	0.030	0.038	0.045	0.053	0.060



2024	2025	2026	2027	2028	2029	2030
<b>5.422</b>	<b>5.445</b>	<b>5.474</b>	<b>5.512</b>	<b>5.558</b>	<b>5.601</b>	<b>5.654</b>
0.636	0.572	0.517	0.469	0.423	0.385	0.355
0.349	0.341	0.333	0.325	0.318	0.310	0.303
0.150	0.148	0.140	0.133	0.138	0.130	0.123
2.722	2.782	2.844	2.907	2.963	3.020	3.078
1.566	1.603	1.640	1.678	1.716	1.755	1.794
<b>4.582</b>	<b>4.655</b>	<b>4.729</b>	<b>4.806</b>	<b>4.878</b>	<b>4.952</b>	<b>5.028</b>
0.168	0.161	0.155	0.149	0.143	0.137	0.131
0.103	0.100	0.097	0.094	0.092	0.089	0.086
0.091	0.084	0.076	0.069	0.063	0.057	0.052
2.722	2.782	2.844	2.907	2.963	3.020	3.078
1.498	1.527	1.557	1.587	1.618	1.649	1.681
<b>0.015</b>	<b>0.015</b>	<b>0.015</b>	<b>0.014</b>	<b>0.014</b>	<b>0.013</b>	<b>0.012</b>
0.005	0.005	0.005	0.004	0.004	0.004	0.003
0.010	0.010	0.010	0.010	0.010	0.009	0.009
<b>0.014</b>	<b>0.013</b>	<b>0.013</b>	<b>0.012</b>	<b>0.012</b>	<b>0.011</b>	<b>0.011</b>
0.014	0.013	0.013	0.012	0.012	0.011	0.011
<b>0.396</b>	<b>0.342</b>	<b>0.297</b>	<b>0.257</b>	<b>0.220</b>	<b>0.191</b>	<b>0.168</b>
0.396	0.342	0.297	0.257	0.220	0.191	0.168
<b>0.029</b>	<b>0.034</b>	<b>0.034</b>	<b>0.034</b>	<b>0.033</b>	<b>0.033</b>	<b>0.033</b>
0.007	0.007	0.006	0.006	0.006	0.006	0.005
0.022	0.028	0.028	0.028	0.028	0.028	0.028
<b>0.026</b>	<b>0.026</b>	<b>0.026</b>	<b>0.026</b>	<b>0.037</b>	<b>0.036</b>	<b>0.035</b>
0.026	0.026	0.026	0.026	0.037	<b>0.036</b>	0.035
<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>	<b>0.001</b>
0.001	0.001	0.001	0.001	0.001	0.001	0.001
<b>0.359</b>	<b>0.359</b>	<b>0.360</b>	<b>0.361</b>	<b>0.363</b>	<b>0.364</b>	<b>0.366</b>
0.045	0.043	0.041	0.039	0.038	0.036	0.035
0.245	0.240	0.235	0.231	0.226	0.222	0.217
0.001	0.001	0.001	0.000	0.000	0.000	0.000
0.068	0.076	0.083	0.091	0.098	0.106	0.113

# Appendix 4

## Natural Gas

**Table A4.1: Natural Gas Supply**

### Natural Gas Supply Details: Resources and Drilling

#### Marketable Gas Resources

- Estimates of gas in place in the subsurface and the portion that can be technically and economically recovered
- In-place volume does not vary between the scenarios as it is based on the most current knowledge of the subsurface
- Amount that can be economically recovered may vary across the scenarios as price can exclude or include higher cost gas deposits, as shown in the table below

Projection of cumulative production from 2005 to 2030 indicated in brackets

#### Remaining Marketable Gas Resources <sup>[1]</sup> & 2005 to 2030 Production by Scenario (billion cubic metres)

	Reference/Continuing	Triple E	Fortified Islands
<b>WCSB</b>			
Conventional <sup>[2]</sup>	3796 (2643)	3796 (2108)	3796 (2887)
CBM	992 (314)	737 (232)	1416 (657)
Tight Gas	595 (374)	365 (278)	737 (493)
Shale Gas	244 (42)	150 (25)	365 (215)
Sub Total	6331 (3374)	6011 (2643)	7023 (4252)
<b>Frontiers</b>			
NS & NL	2572 (119)	2572 (119)	2572 (221)
Mackenzie-Beaufort <sup>[3]</sup>	2161 (238)	2161 (0)	2161 (306)
Arctic Islands	1125 (0)	1125 (0)	1125 (82)
Other Frontiers	524 (0)	524 (0)	524 (0)
Sub Total	6382 (357)	6382 (119)	6382 (609)
<b>Canada</b>	12714 (3731)	12394 (2762)	13405 (4861)

2005 to 2030 cumulative production in brackets

#### Remaining Marketable Gas Resources <sup>[1]</sup> & 2005 to 2030 Production by Scenario (Tcf)

	Reference/Continuing	Triple E	Fortified Islands
<b>WCSB</b>			
Conventional <sup>[2]</sup>	134.0 (93.3)	134.0 (74.4)	134.0 (101.9)
CBM	35.0 (11.1)	26.0 (8.2)	50.0 (23.2)
Tight Gas	21.0 (13.2)	12.9 (9.8)	26.0 (17.4)
Shale Gas	8.6 (1.5)	5.3 (0.9)	12.9 (7.6)
Sub Total	223.5 (119.1)	212.2 (93.3)	247.8 (150.1)
<b>Frontiers</b>			
NS & NL	90.8 (4.2)	90.8 (4.2)	90.8 (7.8)
Mackenzie-Beaufort <sup>[3]</sup>	76.3 (8.4)	76.3 (0.0)	76.3 (10.8)
Arctic Islands	39.7 (0.0)	39.7 (0.0)	39.7 (2.9)
Other Frontiers	18.5 (0.0)	18.5 (0.0)	18.5 (0.0)
Sub Total	225.3 (12.6)	225.3 (4.2)	225.3 (21.5)
<b>Canada</b>	448.8 (131.7)	437.5 (97.5)	473.2 (171.6)

2005 to 2030 cumulative production in brackets

[1] Remaining resources include estimates of remaining reserves, discovered and undiscovered volumes.

[2] Includes Ontario

[3] Includes Other Territories

#### WCSB New Gas Wells

Estimates of the number of new gas wells in the WCSB required for the production outlooks are shown in the table below.

#### Average Annual New Gas Wells in the WCSB by Scenario

	2005 - 2015		2016 – 2030	
	Reference Case	Continuing Trends	Triple E	Fortified Islands
Conventional & Tight Gas	14 687	14 665	6 022	18 000
CBM – Horseshoe Canyon	3 669	2 943	2 943	3 753
CBM – Mannville	281	140	140	525
Shale Gas	89	75	12	683
Total WCSB	18 726	17 823	9 116	22 960



2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>469.3</b>	<b>451.7</b>	<b>448.8</b>	<b>450.2</b>	<b>441.9</b>	<b>433.2</b>	<b>425.1</b>	<b>417.8</b>	<b>433.9</b>	<b>432.5</b>	<b>434.6</b>	<b>421.1</b>
<b>454.2</b>	<b>437.5</b>	<b>435.3</b>	<b>434.6</b>	<b>429.9</b>	<b>422.9</b>	<b>416.4</b>	<b>410.4</b>	<b>404.8</b>	<b>392.8</b>	<b>381.2</b>	<b>368.2</b>
41.6	40.3	39.2	38.0	37.0	36.0	35.0	34.0	33.1	31.1	29.3	27.3
208.3	165.8	141.6	125.0	112.6	102.4	95.3	89.5	84.9	79.4	74.0	69.1
135.4	157.3	174.6	187.3	192.1	194.1	195.9	196.7	196.3	191.9	187.6	181.3
15.2	15.6	15.4	17.7	19.6	20.8	22.1	23.5	23.1	22.9	24.2	25.4
1.7	4.6	8.4	9.6	10.6	11.3	12.0	12.7	15.3	17.6	18.5	19.5
50.6	51.9	53.6	53.9	54.5	54.3	51.6	49.0	46.5	44.2	42.0	39.9
1.4	1.9	2.5	3.0	3.5	4.1	4.6	5.1	5.7	5.7	5.7	5.7
<b>358.4</b>	<b>345.3</b>	<b>341.7</b>	<b>339.0</b>	<b>334.3</b>	<b>327.9</b>	<b>321.9</b>	<b>316.4</b>	<b>311.3</b>	<b>301.2</b>	<b>291.5</b>	<b>280.5</b>
37.7	36.7	35.7	34.7	33.8	32.9	32.0	31.1	30.3	28.5	26.8	24.9
167.7	133.7	113.5	99.1	89.0	80.6	74.5	69.5	65.6	60.9	56.4	52.2
109.3	127.3	140.3	148.9	152.2	153.0	153.5	153.1	151.9	147.4	142.9	136.9
15.2	15.6	15.4	17.7	19.6	20.8	22.1	23.5	23.1	22.9	24.2	25.4
1.7	4.6	8.4	9.6	10.6	11.3	12.0	12.7	15.3	17.6	18.5	19.5
26.7	27.4	28.4	29.0	29.2	29.4	27.9	26.5	25.2	23.9	22.7	21.6
<b>75.2</b>	<b>72.2</b>	<b>72.7</b>	<b>73.9</b>	<b>73.5</b>	<b>72.7</b>	<b>71.9</b>	<b>71.2</b>	<b>70.5</b>	<b>69.5</b>	<b>68.5</b>	<b>67.4</b>
1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.3
30.2	23.9	20.8	19.2	17.5	16.2	15.6	15.1	14.7	14.3	13.8	13.4
19.7	22.7	25.7	28.9	29.9	30.8	32.1	33.1	34.0	34.5	35.0	35.3
23.9	24.5	25.2	24.9	25.3	24.9	23.6	22.5	21.3	20.3	19.3	18.3
<b>0.7</b>	<b>0.7</b>	<b>0.8</b>	<b>0.8</b>	<b>1.0</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>
<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>14.2</b>	<b>14.2</b>
<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>22.7</b>	<b>34.0</b>	<b>34.0</b>	<b>34.0</b>
0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	34.0	34.0	34.0
<b>13.4</b>	<b>12.4</b>	<b>11.7</b>	<b>13.7</b>	<b>10.0</b>	<b>8.3</b>	<b>6.6</b>	<b>5.3</b>	<b>4.3</b>	<b>3.6</b>	<b>3.1</b>	<b>2.6</b>
13.4	12.4	11.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	6.9	8.6	6.9	5.2	3.9	2.9	2.2	1.6	1.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>
<b>18.7</b>	<b>17.6</b>	<b>18.0</b>	<b>18.3</b>	<b>18.4</b>	<b>18.1</b>	<b>17.8</b>	<b>17.5</b>	<b>17.2</b>	<b>16.4</b>	<b>15.5</b>	<b>14.5</b>
2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.1	2.0
9.7	7.7	6.9	6.3	5.9	5.4	5.0	4.7	4.5	4.1	3.8	3.5
6.4	7.4	8.6	9.5	10.0	10.3	10.4	10.4	10.4	10.0	9.6	9.1
<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>
<b>0.0</b>	<b>0.0</b>	<b>14.2</b>	<b>14.2</b>	<b>14.2</b>	<b>28.3</b>	<b>28.3</b>	<b>39.7</b>	<b>39.7</b>	<b>46.7</b>	<b>46.7</b>	<b>58.1</b>
0.0	0.0	14.2	14.2	14.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3	11.3	11.3	11.3	22.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	7.1	7.1



	2000	2001	2002	2003	2004	2005	2006
(billion cubic feet per day)							
<b>Canada</b>	<b>17.071</b>	<b>17.610</b>	<b>17.384</b>	<b>16.808</b>	<b>17.000</b>	<b>17.076</b>	<b>17.137</b>
<b>Western Canada Sedimentary Basin<sup>1</sup></b>	<b>16.682</b>	<b>17.084</b>	<b>16.845</b>	<b>16.338</b>	<b>16.565</b>	<b>16.646</b>	<b>16.751</b>
Solution	1.814	1.786	1.688	1.552	1.556	1.548	1.513
Non Associated	14.494	14.765	14.524	13.915	13.688	11.826	9.412
Additions	0.000	0.000	0.000	0.000	0.000	1.664	3.698
Horseshoe Canyon Coalbed Methane	0.007	0.020	0.031	0.053	0.133	0.295	0.436
Mannville Coalbed Methane	0.000	0.000	0.000	0.000	0.000	0.000	0.039
Tight	0.367	0.514	0.601	0.818	1.187	1.314	1.642
Shale <sup>2</sup>	0.000	0.000	0.000	0.000	0.000	0.000	0.010
<b>Alberta</b>	<b>13.894</b>	<b>13.927</b>	<b>13.515</b>	<b>13.122</b>	<b>13.215</b>	<b>13.251</b>	<b>13.293</b>
Solution	1.630	1.606	1.527	1.411	1.412	1.397	1.368
Non Associated	12.058	11.992	11.597	11.190	11.056	9.535	7.602
Additions	0.000	0.000	0.000	0.000	0.000	1.346	2.995
Horseshoe Canyon Coalbed Methane	0.007	0.020	0.031	0.053	0.133	0.295	0.436
Mannville Coalbed Methane	0.000	0.000	0.000	0.000	0.000	0.000	0.039
Tight	0.200	0.309	0.359	0.467	0.614	0.678	0.853
<b>British Columbia</b>	<b>2.089</b>	<b>2.410</b>	<b>2.605</b>	<b>2.464</b>	<b>2.584</b>	<b>2.642</b>	<b>2.710</b>
Solution	0.112	0.112	0.093	0.075	0.066	0.060	0.052
Non Associated	1.809	2.093	2.270	2.039	1.944	1.705	1.341
Additions	0.000	0.000	0.000	0.000	0.000	0.241	0.528
Tight	0.168	0.205	0.242	0.350	0.573	0.636	0.789
<b>New Brunswick</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Newfoundland</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Northwest Territories</b>	<b>0.089</b>	<b>0.131</b>	<b>0.107</b>	<b>0.064</b>	<b>0.046</b>	<b>0.027</b>	<b>0.012</b>
Other	0.089	0.131	0.107	0.064	0.046	0.027	0.012
Mackenzie	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Nova Scotia</b>	<b>0.333</b>	<b>0.492</b>	<b>0.504</b>	<b>0.432</b>	<b>0.400</b>	<b>0.396</b>	<b>0.352</b>
Sable & Surroundings	0.333	0.492	0.504	0.432	0.400	0.396	0.352
Panuke	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deep	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coalbed Methane	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Ontario</b>	<b>0.056</b>	<b>0.034</b>	<b>0.036</b>	<b>0.037</b>	<b>0.035</b>	<b>0.034</b>	<b>0.035</b>
<b>Saskatchewan</b>	<b>0.611</b>	<b>0.617</b>	<b>0.618</b>	<b>0.669</b>	<b>0.706</b>	<b>0.712</b>	<b>0.713</b>
Solution	0.072	0.068	0.068	0.066	0.078	0.091	0.093
Non Associated	0.539	0.548	0.550	0.603	0.628	0.544	0.445
Additions	0.000	0.000	0.000	0.000	0.000	0.077	0.175
<b>Yukon</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.019</b>	<b>0.014</b>	<b>0.015</b>	<b>0.013</b>
<b>LNG Import</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
East Coast	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Quebec	0.000	0.000	0.000	0.000	0.000	0.000	0.000
British Columbia	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<sup>1</sup>Includes Alberta, British Columbia, Other Northwest Territories, Saskatchewan and Yukon

<sup>2</sup>No provincial breakdown for production from shale

2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>16.568</b>	<b>15.944</b>	<b>15.844</b>	<b>15.891</b>	<b>15.601</b>	<b>15.292</b>	<b>15.007</b>	<b>14.749</b>	<b>15.319</b>	<b>15.269</b>	<b>15.342</b>	<b>14.865</b>
<b>16.035</b>	<b>15.445</b>	<b>15.365</b>	<b>15.343</b>	<b>15.177</b>	<b>14.929</b>	<b>14.699</b>	<b>14.487</b>	<b>14.291</b>	<b>13.867</b>	<b>13.458</b>	<b>12.996</b>
1.467	1.424	1.382	1.343	1.306	1.269	1.234	1.200	1.168	1.099	1.034	0.963
7.352	5.852	5.000	4.414	3.974	3.617	3.365	3.158	2.996	2.803	2.614	2.440
4.780	5.554	6.163	6.613	6.783	6.852	6.916	6.942	6.929	6.775	6.621	6.398
0.536	0.551	0.545	0.626	0.692	0.734	0.780	0.828	0.816	0.809	0.854	0.898
0.062	0.164	0.295	0.339	0.374	0.397	0.422	0.448	0.539	0.620	0.654	0.688
1.787	1.832	1.892	1.901	1.923	1.916	1.820	1.729	1.643	1.560	1.482	1.408
0.050	0.069	0.088	0.106	0.125	0.144	0.163	0.181	0.200	0.200	0.200	0.200
<b>12.651</b>	<b>12.189</b>	<b>12.063</b>	<b>11.969</b>	<b>11.801</b>	<b>11.575</b>	<b>11.364</b>	<b>11.169</b>	<b>10.990</b>	<b>10.634</b>	<b>10.291</b>	<b>9.903</b>
1.330	1.294	1.259	1.224	1.193	1.160	1.129	1.099	1.069	1.006	0.945	0.880
5.921	4.720	4.008	3.500	3.140	2.845	2.631	2.454	2.315	2.150	1.990	1.842
3.860	4.493	4.954	5.257	5.373	5.401	5.417	5.404	5.361	5.203	5.046	4.833
0.536	0.551	0.545	0.626	0.692	0.734	0.780	0.828	0.816	0.809	0.854	0.898
0.062	0.164	0.295	0.339	0.374	0.397	0.422	0.448	0.539	0.620	0.654	0.688
0.942	0.968	1.003	1.022	1.030	1.037	0.985	0.936	0.889	0.845	0.803	0.762
<b>2.653</b>	<b>2.548</b>	<b>2.566</b>	<b>2.608</b>	<b>2.593</b>	<b>2.566</b>	<b>2.539</b>	<b>2.513</b>	<b>2.489</b>	<b>2.452</b>	<b>2.417</b>	<b>2.378</b>
0.046	0.040	0.035	0.031	0.028	0.025	0.022	0.019	0.017	0.015	0.014	0.012
1.066	0.842	0.734	0.679	0.617	0.574	0.550	0.531	0.518	0.503	0.487	0.474
0.695	0.802	0.907	1.020	1.055	1.089	1.133	1.170	1.200	1.218	1.236	1.245
0.845	0.864	0.890	0.879	0.893	0.879	0.835	0.793	0.753	0.716	0.680	0.646
<b>0.025</b>	<b>0.025</b>	<b>0.030</b>	<b>0.030</b>	<b>0.035</b>	<b>0.035</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>
<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.500</b>	<b>0.500</b>
<b>0.008</b>	<b>0.005</b>	<b>0.003</b>	<b>0.001</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.800</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>
0.008	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.800	1.200	1.200	1.200
<b>0.473</b>	<b>0.439</b>	<b>0.413</b>	<b>0.483</b>	<b>0.354</b>	<b>0.292</b>	<b>0.232</b>	<b>0.186</b>	<b>0.152</b>	<b>0.127</b>	<b>0.108</b>	<b>0.093</b>
0.473	0.439	0.388	0.191	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.242	0.304	0.242	0.182	0.136	0.102	0.077	0.058	0.043
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.025	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
<b>0.035</b>	<b>0.035</b>	<b>0.035</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>
<b>0.659</b>	<b>0.622</b>	<b>0.635</b>	<b>0.648</b>	<b>0.648</b>	<b>0.638</b>	<b>0.627</b>	<b>0.618</b>	<b>0.608</b>	<b>0.578</b>	<b>0.548</b>	<b>0.513</b>
0.091	0.090	0.088	0.087	0.086	0.085	0.083	0.082	0.081	0.078	0.075	0.072
0.344	0.273	0.244	0.224	0.207	0.191	0.178	0.167	0.159	0.146	0.134	0.122
0.224	0.259	0.302	0.337	0.355	0.362	0.366	0.368	0.368	0.354	0.339	0.320
<b>0.013</b>	<b>0.012</b>	<b>0.011</b>	<b>0.010</b>	<b>0.009</b>	<b>0.007</b>	<b>0.006</b>	<b>0.005</b>	<b>0.004</b>	<b>0.003</b>	<b>0.003</b>	<b>0.002</b>
<b>0.000</b>	<b>0.000</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>1.000</b>	<b>1.000</b>	<b>1.400</b>	<b>1.400</b>	<b>1.650</b>	<b>1.650</b>	<b>2.050</b>
0.000	0.000	0.500	0.500	0.500	1.000	1.000	1.000	1.000	1.000	1.000	1.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.400	0.400	0.400	0.400	0.800
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.250	0.250







2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>469.3</b>	<b>459.6</b>	<b>464.7</b>	<b>470.0</b>	<b>452.4</b>	<b>425.3</b>	<b>399.4</b>	<b>374.7</b>	<b>351.2</b>	<b>311.6</b>	<b>290.6</b>	<b>256.4</b>
<b>454.2</b>	<b>445.5</b>	<b>451.1</b>	<b>454.4</b>	<b>440.3</b>	<b>415.0</b>	<b>390.7</b>	<b>367.3</b>	<b>344.8</b>	<b>305.8</b>	<b>271.2</b>	<b>237.5</b>
41.6	40.3	39.2	38.0	37.0	36.0	35.0	34.0	33.1	31.1	29.3	27.3
208.3	167.7	145.5	128.8	111.8	95.3	82.4	71.4	62.5	49.7	39.9	31.2
135.4	162.9	185.6	202.1	202.5	194.0	189.2	182.7	174.3	154.9	136.0	116.6
15.2	15.9	16.1	18.6	20.1	20.4	20.6	20.8	19.4	18.4	18.5	18.7
1.7	4.7	8.7	10.1	10.9	11.0	11.1	11.2	12.8	14.1	14.2	14.3
50.6	51.9	53.6	53.9	54.5	54.3	47.8	42.0	37.0	32.5	28.6	25.2
1.4	1.9	2.5	3.0	3.5	4.1	4.6	5.1	5.7	5.1	4.6	4.1
<b>358.4</b>	<b>351.5</b>	<b>354.1</b>	<b>354.4</b>	<b>342.4</b>	<b>321.8</b>	<b>302.0</b>	<b>283.2</b>	<b>265.0</b>	<b>232.4</b>	<b>203.6</b>	<b>175.6</b>
37.7	36.7	35.7	34.7	33.8	32.9	32.0	31.1	30.3	28.5	26.8	24.9
167.7	135.1	116.4	101.8	88.3	75.1	64.4	55.4	47.8	37.6	29.1	22.0
109.3	131.6	148.9	160.2	160.2	153.1	148.1	141.9	134.7	116.2	99.5	82.1
15.2	15.9	16.1	18.6	20.1	20.4	20.6	20.8	19.4	18.4	18.5	18.7
1.7	4.7	8.7	10.1	10.9	11.0	11.1	11.2	12.8	14.1	14.2	14.3
26.7	27.4	28.4	29.0	29.2	29.4	25.9	22.8	20.0	17.6	15.5	13.6
<b>75.2</b>	<b>73.6</b>	<b>75.6</b>	<b>77.5</b>	<b>75.4</b>	<b>71.2</b>	<b>67.1</b>	<b>63.1</b>	<b>59.2</b>	<b>55.8</b>	<b>52.4</b>	<b>49.1</b>
1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.3
30.2	24.3	21.6	20.1	17.5	15.0	13.5	12.2	11.4	9.5	8.8	7.9
19.7	23.7	27.7	31.7	31.8	30.6	31.1	31.1	30.4	30.9	30.0	29.4
23.9	24.5	25.2	24.9	25.3	24.9	21.9	19.3	17.0	14.9	13.1	11.6
<b>0.7</b>	<b>0.7</b>	<b>0.8</b>	<b>0.8</b>	<b>1.0</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>
<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>14.2</b>	<b>14.2</b>
<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>13.4</b>	<b>12.4</b>	<b>11.7</b>	<b>13.7</b>	<b>10.0</b>	<b>8.3</b>	<b>6.6</b>	<b>5.3</b>	<b>4.3</b>	<b>3.6</b>	<b>3.0</b>	<b>2.6</b>
13.4	12.4	11.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	6.9	8.6	6.9	5.2	3.9	2.9	2.2	1.6	1.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>
<b>18.7</b>	<b>17.9</b>	<b>18.6</b>	<b>19.1</b>	<b>18.8</b>	<b>17.7</b>	<b>16.7</b>	<b>15.8</b>	<b>14.8</b>	<b>12.6</b>	<b>10.6</b>	<b>8.5</b>
2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.1	2.0
9.7	7.8	7.1	6.5	5.8	5.0	4.4	3.8	3.3	2.5	1.9	1.4
6.4	7.6	9.0	10.2	10.5	10.3	10.0	9.7	9.2	7.8	6.5	5.1
<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>
<b>0.0</b>	<b>0.0</b>	<b>14.2</b>	<b>14.2</b>	<b>14.2</b>	<b>28.3</b>	<b>28.3</b>	<b>39.7</b>	<b>48.2</b>	<b>62.3</b>	<b>62.3</b>	<b>99.1</b>
0.0	0.0	14.2	14.2	14.2	28.3	28.3	28.3	28.3	42.5	42.5	56.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3	11.3	11.3	11.3	22.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	8.5	8.5	19.8



	2000	2001	2002	2003	2004	2005	2006
(billion cubic feet per day)							
<b>Canada</b>	<b>17.071</b>	<b>17.610</b>	<b>17.384</b>	<b>16.808</b>	<b>17.000</b>	<b>17.076</b>	<b>17.137</b>
<b>Western Canada Sedimentary Basin<sup>1</sup></b>	<b>16.682</b>	<b>17.084</b>	<b>16.845</b>	<b>16.338</b>	<b>16.565</b>	<b>16.646</b>	<b>16.751</b>
Solution	1.814	1.786	1.688	1.552	1.556	1.548	1.513
Non Associated	14.494	14.765	14.524	13.915	13.688	11.826	9.412
Additions	0.000	0.000	0.000	0.000	0.000	1.664	3.698
Horseshoe Canyon Coalbed Methane	0.007	0.020	0.031	0.053	0.133	0.295	0.436
Mannville Coalbed Methane	0.000	0.000	0.000	0.000	0.000	0.000	0.039
Tight	0.367	0.514	0.601	0.818	1.187	1.314	1.642
Shale <sup>2</sup>	0.000	0.000	0.000	0.000	0.000	0.000	0.010
<b>Alberta</b>	<b>13.894</b>	<b>13.927</b>	<b>13.515</b>	<b>13.122</b>	<b>13.215</b>	<b>13.251</b>	<b>13.293</b>
Solution	1.630	1.606	1.527	1.411	1.412	1.397	1.368
Non Associated	12.058	11.992	11.597	11.190	11.056	9.535	7.602
Additions	0.000	0.000	0.000	0.000	0.000	1.346	2.995
Horseshoe Canyon Coalbed Methane	0.007	0.020	0.031	0.053	0.133	0.295	0.436
Mannville Coalbed Methane	0.000	0.000	0.000	0.000	0.000	0.000	0.039
Tight	0.200	0.309	0.359	0.467	0.614	0.678	0.853
<b>British Columbia</b>	<b>2.089</b>	<b>2.410</b>	<b>2.605</b>	<b>2.464</b>	<b>2.584</b>	<b>2.642</b>	<b>2.710</b>
Solution	0.112	0.112	0.093	0.075	0.066	0.060	0.052
Non Associated	1.809	2.093	2.270	2.039	1.944	1.705	1.341
Additions	0.000	0.000	0.000	0.000	0.000	0.241	0.528
Tight	0.168	0.205	0.242	0.350	0.573	0.636	0.789
<b>New Brunswick</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Newfoundland</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Northwest Territories</b>	<b>0.089</b>	<b>0.131</b>	<b>0.107</b>	<b>0.064</b>	<b>0.046</b>	<b>0.027</b>	<b>0.012</b>
Other	0.089	0.131	0.107	0.064	0.046	0.027	0.012
Mackenzie	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Nova Scotia</b>	<b>0.333</b>	<b>0.492</b>	<b>0.504</b>	<b>0.432</b>	<b>0.400</b>	<b>0.396</b>	<b>0.352</b>
Sable & Surroundings	0.333	0.492	0.504	0.432	0.400	0.396	0.352
Panuke	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deep	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coalbed Methane	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Ontario</b>	<b>0.056</b>	<b>0.034</b>	<b>0.036</b>	<b>0.037</b>	<b>0.035</b>	<b>0.034</b>	<b>0.035</b>
<b>Saskatchewan</b>	<b>0.611</b>	<b>0.617</b>	<b>0.618</b>	<b>0.669</b>	<b>0.706</b>	<b>0.712</b>	<b>0.713</b>
Solution	0.072	0.068	0.068	0.066	0.078	0.091	0.093
Non Associated	0.539	0.548	0.550	0.603	0.628	0.544	0.445
Additions	0.000	0.000	0.000	0.000	0.000	0.077	0.175
<b>Yukon</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.019</b>	<b>0.014</b>	<b>0.015</b>	<b>0.013</b>
<b>LNG Import</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
East Coast	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Quebec	0.000	0.000	0.000	0.000	0.000	0.000	0.000
British Columbia	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<sup>1</sup>Includes Alberta, British Columbia, Other Northwest Territories, Saskatchewan and Yukon

<sup>2</sup>No provincial breakdown for production from shale

2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>16.568</b>	<b>16.224</b>	<b>16.403</b>	<b>16.591</b>	<b>15.969</b>	<b>15.012</b>	<b>14.098</b>	<b>13.227</b>	<b>12.399</b>	<b>10.999</b>	<b>10.257</b>	<b>9.052</b>
<b>16.035</b>	<b>15.725</b>	<b>15.925</b>	<b>16.043</b>	<b>15.544</b>	<b>14.649</b>	<b>13.790</b>	<b>12.965</b>	<b>12.171</b>	<b>10.797</b>	<b>9.574</b>	<b>8.383</b>
1.467	1.424	1.382	1.343	1.306	1.269	1.234	1.200	1.168	1.099	1.034	0.963
7.352	5.921	5.136	4.545	3.948	3.365	2.910	2.522	2.208	1.753	1.409	1.103
4.780	5.750	6.553	7.134	7.148	6.847	6.677	6.448	6.154	5.468	4.802	4.118
0.536	0.562	0.567	0.658	0.710	0.719	0.727	0.733	0.684	0.650	0.655	0.659
0.062	0.167	0.307	0.356	0.384	0.389	0.393	0.397	0.452	0.498	0.501	0.505
1.787	1.832	1.892	1.901	1.923	1.916	1.686	1.484	1.306	1.149	1.011	0.890
0.050	0.069	0.088	0.106	0.125	0.144	0.163	0.181	0.200	0.180	0.162	0.146
<b>12.651</b>	<b>12.408</b>	<b>12.499</b>	<b>12.511</b>	<b>12.086</b>	<b>11.359</b>	<b>10.663</b>	<b>9.996</b>	<b>9.355</b>	<b>8.203</b>	<b>7.188</b>	<b>6.199</b>
1.330	1.294	1.259	1.224	1.193	1.160	1.129	1.099	1.069	1.006	0.945	0.880
5.921	4.771	4.108	3.594	3.116	2.650	2.273	1.956	1.688	1.327	1.028	0.775
3.860	4.647	5.256	5.657	5.654	5.403	5.227	5.008	4.755	4.101	3.511	2.899
0.536	0.562	0.567	0.658	0.710	0.719	0.727	0.733	0.684	0.650	0.655	0.659
0.062	0.167	0.307	0.356	0.384	0.389	0.393	0.397	0.452	0.498	0.501	0.505
0.942	0.968	1.003	1.022	1.030	1.037	0.913	0.803	0.707	0.622	0.547	0.482
<b>2.653</b>	<b>2.598</b>	<b>2.667</b>	<b>2.737</b>	<b>2.661</b>	<b>2.513</b>	<b>2.369</b>	<b>2.228</b>	<b>2.090</b>	<b>1.968</b>	<b>1.849</b>	<b>1.735</b>
0.046	0.040	0.035	0.031	0.028	0.025	0.022	0.019	0.017	0.015	0.014	0.012
1.066	0.858	0.764	0.710	0.618	0.530	0.477	0.429	0.401	0.334	0.311	0.277
0.695	0.836	0.978	1.118	1.122	1.080	1.097	1.099	1.073	1.092	1.061	1.037
0.845	0.864	0.890	0.879	0.893	0.879	0.773	0.680	0.599	0.527	0.464	0.408
<b>0.025</b>	<b>0.025</b>	<b>0.030</b>	<b>0.030</b>	<b>0.035</b>	<b>0.035</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>
<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.500</b>	<b>0.500</b>
<b>0.008</b>	<b>0.005</b>	<b>0.003</b>	<b>0.001</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
0.008	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>0.473</b>	<b>0.439</b>	<b>0.413</b>	<b>0.483</b>	<b>0.354</b>	<b>0.292</b>	<b>0.232</b>	<b>0.186</b>	<b>0.152</b>	<b>0.127</b>	<b>0.108</b>	<b>0.093</b>
0.473	0.439	0.388	0.191	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.242	0.304	0.242	0.182	0.136	0.102	0.077	0.058	0.043
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.025	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
<b>0.035</b>	<b>0.035</b>	<b>0.035</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>	<b>0.036</b>
<b>0.659</b>	<b>0.632</b>	<b>0.657</b>	<b>0.676</b>	<b>0.663</b>	<b>0.626</b>	<b>0.591</b>	<b>0.556</b>	<b>0.523</b>	<b>0.443</b>	<b>0.373</b>	<b>0.302</b>
0.091	0.090	0.088	0.087	0.086	0.085	0.083	0.082	0.081	0.078	0.075	0.072
0.344	0.275	0.249	0.229	0.205	0.178	0.154	0.133	0.116	0.089	0.068	0.049
0.224	0.268	0.319	0.360	0.372	0.363	0.354	0.341	0.326	0.276	0.231	0.182
<b>0.013</b>	<b>0.012</b>	<b>0.012</b>	<b>0.011</b>	<b>0.009</b>	<b>0.007</b>	<b>0.006</b>	<b>0.004</b>	<b>0.003</b>	<b>0.003</b>	<b>0.002</b>	<b>0.002</b>
<b>0.000</b>	<b>0.000</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>1.000</b>	<b>1.000</b>	<b>1.400</b>	<b>1.700</b>	<b>2.200</b>	<b>2.200</b>	<b>3.500</b>
0.000	0.000	0.500	0.500	0.500	1.000	1.000	1.000	1.000	1.500	1.500	2.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.400	0.400	0.400	0.400	0.800
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.300	0.300	0.300	0.700



**Table A4.4: Natural Gas, Fortified Islands, Production Outlook**

	2000	2001	2002	2003	2004	2005
(million cubic metres per day)						
<b>Canada</b>	<b>483.6</b>	<b>498.9</b>	<b>492.5</b>	<b>476.1</b>	<b>481.6</b>	<b>483.7</b>
<b>Western Canada Sedimentary Basin<sup>1</sup></b>	<b>472.6</b>	<b>484.0</b>	<b>477.2</b>	<b>462.8</b>	<b>469.3</b>	<b>471.6</b>
Solution	51.4	50.6	47.8	44.0	44.1	43.9
Non Associated	410.6	418.2	411.4	394.2	387.8	335.0
Additions	0.0	0.0	0.0	0.0	0.0	47.1
Horseshoe Canyon Coalbed Methane	0.2	0.6	0.9	1.5	3.8	8.4
Mannville Coalbed Methane	0.0	0.0	0.0	0.0	0.0	0.0
Tight	10.4	14.6	17.0	23.2	33.6	37.2
Shale <sup>2</sup>	0.0	0.0	0.0	0.0	0.0	0.0
<b>Alberta</b>	<b>393.6</b>	<b>394.5</b>	<b>382.8</b>	<b>371.7</b>	<b>374.4</b>	<b>375.4</b>
Solution	46.2	45.5	43.3	40.0	40.0	39.6
Non Associated	341.6	339.7	328.5	317.0	313.2	270.1
Additions	0.0	0.0	0.0	0.0	0.0	38.1
Horseshoe Canyon Coalbed Methane	0.2	0.6	0.9	1.5	3.8	8.4
Mannville Coalbed Methane	0.0	0.0	0.0	0.0	0.0	0.0
Tight	5.7	8.8	10.2	13.2	17.4	19.2
<b>Arctic</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>British Columbia</b>	<b>59.2</b>	<b>68.3</b>	<b>73.8</b>	<b>69.8</b>	<b>73.2</b>	<b>74.8</b>
Solution	3.2	3.2	2.6	2.1	1.9	1.7
Non Associated	51.2	59.3	64.3	57.8	55.1	48.3
Additions	0.0	0.0	0.0	0.0	0.0	6.8
Tight	4.8	5.8	6.9	9.9	16.2	18.0
<b>New Brunswick</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Newfoundland and Labrador</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Newfoundland	0.0	0.0	0.0	0.0	0.0	0.0
Labrador	0.0	0.0	0.0	0.0	0.0	0.0
<b>Northwest Territories</b>	<b>2.5</b>	<b>3.7</b>	<b>3.0</b>	<b>1.8</b>	<b>1.3</b>	<b>0.8</b>
Other	2.5	3.7	3.0	1.8	1.3	0.8
Mackenzie	0.0	0.0	0.0	0.0	0.0	0.0
<b>Nova Scotia</b>	<b>9.4</b>	<b>13.9</b>	<b>14.3</b>	<b>12.2</b>	<b>11.3</b>	<b>11.2</b>
Sable & Surroundings	9.4	13.9	14.3	12.2	11.3	11.2
Panuke	0.0	0.0	0.0	0.0	0.0	0.0
Deep	0.0	0.0	0.0	0.0	0.0	0.0
Coalbed Methane	0.0	0.0	0.0	0.0	0.0	0.0
<b>Ontario</b>	<b>1.6</b>	<b>1.0</b>	<b>1.0</b>	<b>1.1</b>	<b>1.0</b>	<b>0.9</b>
<b>Saskatchewan</b>	<b>17.3</b>	<b>17.5</b>	<b>17.5</b>	<b>19.0</b>	<b>20.0</b>	<b>20.2</b>
Solution	2.0	1.9	1.9	1.9	2.2	2.6
Non Associated	15.3	15.5	15.6	17.1	17.8	15.4
Additions	0.0	0.0	0.0	0.0	0.0	2.2
<b>Yukon</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>	<b>0.4</b>	<b>0.4</b>
<b>LNG Imports</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
East Coast	0.0	0.0	0.0	0.0	0.0	0.0
Quebec	0.0	0.0	0.0	0.0	0.0	0.0
British Columbia	0.0	0.0	0.0	0.0	0.0	0.0









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	2000	2001	2002	2003	2004	2005
(billion cubic feet per day)						
<b>Canada</b>	<b>17.071</b>	<b>17.610</b>	<b>17.384</b>	<b>16.808</b>	<b>17.000</b>	<b>17.076</b>
<b>Western Canada Sedimentary Basin<sup>1</sup></b>	<b>16.682</b>	<b>17.084</b>	<b>16.845</b>	<b>16.338</b>	<b>16.565</b>	<b>16.646</b>
Solution	1.814	1.786	1.688	1.552	1.556	1.548
Non Associated	14.494	14.765	14.524	13.915	13.688	11.826
Additions	0.000	0.000	0.000	0.000	0.000	1.664
Horseshoe Canyon Coalbed Methane	0.007	0.020	0.031	0.053	0.133	0.295
Mannville Coalbed Methane	0.000	0.000	0.000	0.000	0.000	0.000
Tight	0.367	0.514	0.601	0.818	1.187	1.314
Shale <sup>2</sup>	0.000	0.000	0.000	0.000	0.000	0.000
<b>Alberta</b>	<b>13.894</b>	<b>13.927</b>	<b>13.515</b>	<b>13.122</b>	<b>13.215</b>	<b>13.251</b>
Solution	1.630	1.606	1.527	1.411	1.412	1.397
Non Associated	12.058	11.992	11.597	11.190	11.056	9.535
Additions	0.000	0.000	0.000	0.000	0.000	1.346
Horseshoe Canyon Coalbed Methane	0.007	0.020	0.031	0.053	0.133	0.295
Mannville Coalbed Methane	0.000	0.000	0.000	0.000	0.000	0.000
Tight	0.200	0.309	0.359	0.467	0.614	0.678
<b>Arctic</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>British Columbia</b>	<b>2.089</b>	<b>2.410</b>	<b>2.605</b>	<b>2.464</b>	<b>2.584</b>	<b>2.642</b>
Solution	0.112	0.112	0.093	0.075	0.066	0.060
Non Associated	1.809	2.093	2.270	2.039	1.944	1.705
Additions	0.000	0.000	0.000	0.000	0.000	0.241
Tight	0.168	0.205	0.242	0.350	0.573	0.636
<b>New Brunswick</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Newfoundland</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Newfoundland	0.000	0.000	0.000	0.000	0.000	0.000
Labrador	0.000	0.000	0.000	0.000	0.000	0.000
<b>Northwest Territories</b>	<b>0.089</b>	<b>0.131</b>	<b>0.107</b>	<b>0.064</b>	<b>0.046</b>	<b>0.027</b>
Other	0.089	0.131	0.107	0.064	0.046	0.027
Mackenzie	0.000	0.000	0.000	0.000	0.000	0.000
<b>Nova Scotia</b>	<b>0.333</b>	<b>0.492</b>	<b>0.504</b>	<b>0.432</b>	<b>0.400</b>	<b>0.396</b>
Sable & Surroundings	0.333	0.492	0.504	0.432	0.400	0.396
Panuke	0.000	0.000	0.000	0.000	0.000	0.000
Deep	0.000	0.000	0.000	0.000	0.000	0.000
Coalbed Methane	0.000	0.000	0.000	0.000	0.000	0.000
<b>Ontario</b>	<b>0.056</b>	<b>0.034</b>	<b>0.036</b>	<b>0.037</b>	<b>0.035</b>	<b>0.034</b>
<b>Saskatchewan</b>	<b>0.611</b>	<b>0.617</b>	<b>0.618</b>	<b>0.669</b>	<b>0.706</b>	<b>0.712</b>
Solution	0.072	0.068	0.068	0.066	0.078	0.091
Non Associated	0.539	0.548	0.550	0.603	0.628	0.544
Additions	0.000	0.000	0.000	0.000	0.000	0.077
<b>Yukon</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.019</b>	<b>0.014</b>	<b>0.015</b>
<b>LNG Import</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
East Coast	0.000	0.000	0.000	0.000	0.000	0.000
Quebec	0.000	0.000	0.000	0.000	0.000	0.000
British Columbia	0.000	0.000	0.000	0.000	0.000	0.000

<sup>1</sup>Includes Alberta, British Columbia, Other Northwest Territories, Saskatchewan and Yukon

<sup>2</sup>No provincial breakdown for production from shale







# Appendix 5

## Electricity

**Table 5.1 Capacity by Plant Type, Continuing Trends**

<u>Reference Case / Continuing Trends</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Canada Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	5 361	6 188	6 922	7 119	7 216	7 328	7 480	7 662	8 169	8 262
Oil/Gas Steam Turbine	8 005	7 345	7 345	7 345	7 345	7 509	7 434	6 744	6 587	6 197
Oil/Gas Combined Cycle	4 821	4 911	4 911	7 471	7 691	7 691	8 374	8 984	9 234	9 844
Coal	17 404	16 256	16 256	16 309	15 373	13 912	13 572	13 489	12 999	12 205
Nuclear	13 345	13 345	13 345	13 345	14 170	14 995	14 995	14 995	14 995	14 995
Biomass / Landfill Gas / Waste / CHP	1 658	1 658	1 751	1 834	1 932	2 030	2 128	2 226	2 314	2 392
Wind	494	800	2 121	3 494	4 636	5 778	6 920	8 062	9 200	10 338
Hydro / Wave / Tidal	71 757	72 397	72 979	73 599	74 377	74 908	74 920	76 188	76 653	76 653
<b>Alberta Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	1 506	1 826	2 071	2 256	2 341	2 441	2 581	2 751	2 836	2 921
Oil/Gas Steam Turbine	1 166	506	506	506	506	360	285	285	285	285
Oil/Gas Combined Cycle	1 714	1 714	1 714	1 714	1 714	1 714	1 714	1 714	1 714	1 714
Coal	6 107	6 107	6 107	6 160	6 213	6 266	6 416	6 472	6 472	6 168
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	203	203	218	223	228	233	238	243	248	253
Wind	275	275	405	535	665	795	925	1 055	1 185	1 315
Hydro / Wave / Tidal	879	879	879	979	979	979	979	979	979	979
<b>British Columbia Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	260	260	260	260	260	260	260	260	260	260
Oil/Gas Steam Turbine	1 093	1 093	1 093	1 093	1 093	1 093	1 093	935	778	620
Oil/Gas Combined Cycle	293	293	293	293	293	293	293	543	793	1 043
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	555	555	575	605	645	685	725	765	795	815
Wind	0	0	70	140	210	280	350	420	490	560
Hydro / Wave / Tidal	12 420	12 818	12 818	12 818	12 818	12 926	12 926	12 926	13 391	13 391
<b>Manitoba Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	384	384	384	384	384	384	384	384	384	384
Oil/Gas Steam Turbine	0	0	0	0	0	0	0	0	0	0
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	98	98	98	98	98	98	98	98	98	98
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	22	22	27	32	37	42	47	52	57	62
Wind	0	0	70	140	210	280	350	420	490	560
Hydro / Wave / Tidal	5 029	5 029	5 029	5 029	5 029	5 029	5 029	5 229	5 229	5 229























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<u>Reference Case / Continuing Trends</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Ontario Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	8 444	8 450	8 450	8 470	8 701	8 851	8 851	8 851	8 851	8 851
Wind	15	320	866	1 326	1 546	1 766	1 986	2 206	2 426	2 646
Biomass / Landfill Gas / Waste	392	392	407	417	427	437	447	457	467	477
Uranium	11 990	11 990	11 990	11 990	12 815	13 640	13 640	13 640	13 640	13 640
Coal & Coke	7 589	6 441	6 441	6 441	5 452	3 938	3 448	2 958	2 468	1 978
Natural Gas	4 936	5 026	5 511	8 071	8 291	8 601	9 284	9 284	9 698	9 698
Oil	108	108	108	108	108	108	108	108	108	108
<b>Prince Edward Island Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
Wind	14	14	34	54	74	94	114	134	154	174
Biomass / Landfill Gas / Waste	0	0	1	2	3	4	5	6	7	8
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	169	169	169	169	169	169	169	169	169	169
<b>Québec Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	35 882	36 119	36 701	37 201	37 748	38 021	38 033	39 076	39 076	39 076
Wind	113	113	478	978	1 478	1 978	2 478	2 978	3 478	3 978
Biomass / Landfill Gas / Waste	274	274	294	314	334	354	374	394	414	434
Uranium	675	675	675	675	675	675	675	675	675	675
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	31	538	538	538	538	538	538	538	538	538
Oil	1 620	1 620	1 620	1 620	1 620	1 620	1 620	1 620	1 620	1 620
<b>Saskatchewan Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	853	853	853	853	853	853	853	878	878	878
Wind	22	22	62	102	142	182	222	262	302	342
Biomass / Landfill Gas / Waste	63	63	65	67	69	71	73	75	77	79
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	1 790	1 790	1 790	1 790	1 790	1 790	1 790	1 958	1 958	1 958
Natural Gas	1 060	1 060	1 060	1 060	1 060	1 060	1 060	1 060	1 060	1 188
Oil	11	11	11	11	11	11	11	11	11	11
<b>Yukon Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	77	77	77	77	77	77	77	77	77	77
Wind	1	1	1	5	9	13	17	21	21	21
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	45	45	45	49	53	57	61	65	65	65



**Table 5.3 Generation by Plant Type, Continuing Trends**

<u>Reference Case / Continuing Trends</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Canada Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	15 825	21 819	24 055	23 897	25 306	24 512	25 024	26 161	29 643	30 218
Oil/Gas Steam Turbine	17 947	18 313	18 750	18 188	18 718	20 418	19 814	16 803	16 605	16 865
Oil/Gas Combined Cycle	24 441	25 073	25 528	30 869	32 930	34 139	35 063	36 108	36 682	39 148
Coal	91 277	89 994	90 007	89 953	85 375	80 677	77 819	73 723	70 482	68 800
Nuclear	93 666	93 578	94 460	90 911	87 564	93 749	98 300	101 069	101 716	98 329
Biomass / Landfill Gas / Waste / CHP	9 337	9 337	9 950	10 495	11 138	11 780	12 422	13 065	13 644	14 157
Wind	945	1 749	5 026	8 400	11 104	13 808	16 512	19 216	21 913	24 611
Hydro / Wave / Tidal	351 063	354 025	356 889	359 615	370 755	375 251	375 254	381 884	382 361	382 383
<b>Alberta Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	7 236	9 398	10 804	11 285	11 975	11 351	12 335	13 529	14 126	14 723
Oil/Gas Steam Turbine	1 836	1 604	1 601	1 601	1 649	1 533	1 528	1 528	1 528	1 528
Oil/Gas Combined Cycle	9 981	9 981	9 898	9 809	9 909	9 212	9 037	9 037	9 037	9 037
Coal	42 892	40 259	39 109	38 858	39 483	42 630	41 943	41 015	40 802	40 276
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	1 320	1 320	1 419	1 452	1 485	1 518	1 551	1 584	1 617	1 649
Wind	586	586	894	1 202	1 510	1 819	2 127	2 435	2 743	3 051
Hydro / Wave / Tidal	1 897	1 897	1 897	2 336	2 336	2 336	2 336	2 336	2 336	2 336
<b>British Columbia Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	1 241	1 221	1 202	1 202	1 221	1 241	1 241	1 241	1 241	1 241
Oil/Gas Steam Turbine	2 044	1 937	1 864	1 838	1 912	2 044	2 044	1 832	1 621	1 409
Oil/Gas Combined Cycle	1 176	1 176	1 176	1 176	1 176	1 176	1 176	1 813	2 376	2 869
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	2 951	2 951	3 083	3 281	3 544	3 807	4 071	4 334	4 532	4 663
Wind	0	0	166	332	498	664	830	996	1 162	1 328
Hydro / Wave / Tidal	59 223	60 995	60 995	60 995	60 995	61 533	61 533	61 533	61 941	61 941
<b>Manitoba Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	109	14	204	252	410	522	522	516	516	516
Oil/Gas Steam Turbine	0	0	0	0	0	0	0	0	0	0
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	813	813	813	813	813	813	813	813	813	813
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	88	88	120	153	186	219	252	285	318	351
Wind	0	0	166	332	498	664	830	996	1 162	1 328
Hydro / Wave / Tidal	29 120	29 120	29 120	29 120	29 120	29 120	29 120	30 524	30 524	30 524





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312	312	312	294	309	312	312	312	312	284	284	308	312	284	271	259
4 838	5 778	4 193	3 990	3 987	3 985	3 979	3 977	3 974	627	624	630	628	0	0	0
1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	2 441	2 441	2 441
2 801	2 801	4 681	3 921	3 900	3 882	3 862	3 841	3 823	2 682	2 682	2 682	2 682	2 682	2 682	2 682
4 229	4 229	4 233	4 218	4 200	4 193	4 177	4 167	4 157	9 801	9 775	9 773	9 746	9 704	9 662	9 620
1 200	1 230	1 256	1 279	1 299	1 316	1 332	1 348	1 365	1 381	1 398	1 414	1 431	1 447	1 464	1 480
853	925	972	996	1 019	1 043	1 067	1 091	1 114	1 138	1 162	1 185	1 209	1 233	1 256	1 280
2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802
789	830	805	782	767	762	757	753	749	746	742	741	739	737	735	733
278	392	324	267	197	0	0	0	0	0	0	0	0	0	0	0
2 027	2 077	2 061	2 003	1 889	1 906	1 756	1 626	1 500	1 394	1 290	1 226	1 164	1 102	1 009	943
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
249	279	303	323	339	351	364	377	390	403	416	430	443	457	470	483
90	101	109	116	122	127	131	136	140	145	150	155	160	165	169	174
52 368	52 412	52 390	52 355	52 304	52 261	52 223	52 189	52 158	52 132	52 106	52 091	52 077	52 063	52 041	52 027
430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430
83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
843	843	843	843	843	843	843	843	843	843	843	843	843	843	843	843
7 842	7 856	7 872	7 860	7 948	7 932	7 912	7 894	7 986	7 970	8 013	8 017	8 003	8 090	8 038	8 004
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
637	666	693	716	736	752	769	785	801	818	834	851	867	884	917	933
822	858	882	893	905	917	929	941	953	965	976	988	1 000	1 012	1 024	1 036
966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
232	227	218	213	214	214	217	217	220	221	228	229	228	229	231	234
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	161	179	190	198	204	205	211	220	225	225	228	233	234	234	234
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
720	832	830	820	807	808	802	797	797	792	950	943	937	930	922	917
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
287	283	283	283	282	282	281	280	280	280	259	258	258	256	255	254

<u>Reference Case / Continuing Trends</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Ontario Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	1 987	1 987	2 638	2 226	2 609	2 650	2 650	2 656	5 561	5 570
Oil/Gas Steam Turbine	2 327	2 499	2 993	1 428	1 826	3 882	3 939	3 973	3 947	4 450
Oil/Gas Combined Cycle	8 410	9 042	9 580	15 011	16 971	18 877	19 976	18 715	18 533	20 445
Coal	22 535	22 546	24 263	26 035	21 723	15 761	14 131	10 204	7 550	6 777
Nuclear	83 673	83 585	84 467	82 171	83 830	90 200	90 165	91 723	92 425	89 091
Biomass / Landfill Gas / Waste / CHP	1 654	1 654	1 752	1 818	1 884	1 950	2 016	2 082	2 147	2 213
Wind	16	819	2 259	3 470	3 992	4 514	5 035	5 557	6 078	6 600
Hydro / Wave / Tidal	37 751	37 777	37 777	37 868	39 590	40 249	40 249	40 249	40 249	40 249
<b>Prince Edward Island Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	10	10	10	35	56	35	35	35	35	35
Oil/Gas Steam Turbine	63	63	63	63	63	63	63	63	63	63
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	14	14	20	27	34	40	47	53	60	67
Wind	0	0	47	95	142	190	237	285	332	379
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
<b>Quebec Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	2 448	6 009	6 009	6 009	6 009	6 009	5 568	5 568	5 568	5 568
Oil/Gas Steam Turbine	2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	4 978	4 978	4 978	4 978	3 734	0	3 734	4 978	4 978	4 978
Biomass / Landfill Gas / Waste / CHP	1 785	1 785	1 917	2 049	2 180	2 312	2 444	2 575	2 707	2 839
Wind	174	174	1 039	2 225	3 410	4 595	5 781	6 966	8 151	9 337
Hydro / Wave / Tidal	174 798	175 960	178 821	181 279	190 765	194 137	194 195	199 315	199 315	199 315
<b>Saskatchewan Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	551	533	536	487	430	241	241	241	241	241
Oil/Gas Steam Turbine	357	357	357	357	357	225	217	216	216	216
Oil/Gas Combined Cycle	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276
Coal	13 921	14 160	14 163	12 757	12 759	11 980	11 635	11 313	11 056	10 776
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	282	282	295	308	321	334	347	361	374	387
Wind	59	59	153	248	343	438	533	628	722	817
Hydro / Wave / Tidal	3 191	3 191	3 191	3 191	3 191	3 191	3 191	3 305	3 305	3 305
<b>Yukon Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	75	79	82	84	84	81	83	81	81	78
Oil/Gas Steam Turbine	0	0	0	0	0	0	0	0	0	0
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	0	0	0	0	0	0	0	0	0	0
Wind	0	0	0	8	16	23	31	38	37	37
Hydro / Wave / Tidal	249	252	254	250	247	243	244	241	239	239

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5 675	6 074	6 074	5 570	5 873	6 126	6 232	6 348	6 237	5 602	5 570	5 671	5 778	5 570	5 570	5 569
4 926	5 211	5 258	4 642	4 926	5 434	5 532	5 638	4 482	4 200	4 200	4 200	4 200	4 200	4 200	4 200
21 454	21 703	21 703	21 081	21 668	21 703	21 703	21 703	21 703	21 129	21 029	21 209	21 327	20 981	21 059	20 621
4 275	0	0	0	0	0	0	0	1 077	1 077	1 077	1 077	1 077	1 077	1 077	1 077
90 105	95 100	97 637	101 655	99 273	98 740	98 567	98 788	99 624	101 066	102 098	103 336	103 580	104 204	103 664	104 961
2 279	2 338	2 391	2 437	2 477	2 510	2 543	2 575	2 608	2 641	2 674	2 707	2 740	2 773	2 806	2 839
7 121	7 591	8 008	8 373	8 686	8 947	9 207	9 468	9 729	9 990	10 250	10 511	10 772	11 033	11 293	11 554
40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249
35	35	35	29	29	35	35	35	35	29	29	29	35	29	29	29
63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	79	84	89	93	96	99	103	106	109	113	116	119	123	126	129
427	469	507	541	569	593	616	640	664	688	711	735	759	782	806	830
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 568	5 568	5 568	5 568	5 568	5 568	5 568	5 568	5 568	5 568	5 568	5 568	5 568	5 568	5 568	5 568
2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905	2 905
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978
2 970	3 089	3 194	3 287	3 366	3 431	3 497	3 563	3 629	3 695	3 761	3 827	3 892	3 958	4 024	4 090
10 522	11 707	12 892	14 078	15 263	16 448	17 634	18 819	20 004	21 190	22 375	23 560	24 745	25 931	27 116	28 301
199 315	201 154	202 994	204 833	206 673	206 673	206 673	206 673	206 673	206 673	206 673	206 673	206 673	206 673	206 673	206 479
241	241	241	241	241	381	381	381	381	381	522	522	522	522	662	662
216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216
3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276
10 596	10 739	11 132	10 872	10 722	10 467	10 359	10 229	10 289	10 168	9 879	9 750	9 669	9 464	9 200	8 949
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400	412	423	432	440	446	453	459	466	473	479	486	492	499	505	512
912	983	1 031	1 054	1 078	1 102	1 125	1 149	1 173	1 196	1 220	1 244	1 268	1 291	1 315	1 339
3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305
85	90	89	89	89	90	90	91	95	95	96	96	97	99	99	100
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	38	38	38	38	38	38	38	39	39	39	39	39	39	39	39
243	243	246	246	246	243	243	246	248	250	250	250	253	253	253	253



**Table 5.4 Generation by Fuel, Reference Case and Continuing Trends**

<u>Reference Case / Continuing Trends</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Canada Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	351 062	354 025	356 889	359 615	370 755	375 251	375 254	381 884	382 361	382 383
Wind	945	1 749	5 026	8 400	11 104	13 808	16 512	19 216	21 913	24 611
Biomass / Landfill Gas / Waste	11 820	11 820	12 349	12 805	13 548	13 494	13 961	14 604	15 183	15 695
Uranium	93 666	93 578	94 460	90 911	87 564	93 749	98 300	101 069	101 716	98 329
Coal & Coke	91 709	90 426	90 439	90 385	85 807	81 109	78 252	74 155	70 914	69 232
Natural Gas	39 336	45 429	47 210	51 103	54 775	57 962	59 103	59 496	63 146	65 844
Oil	15 961	16 861	18 292	19 109	19 336	18 961	18 826	17 606	17 814	18 416
<b>Alberta Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	1 896	1 896	1 896	2 335	2 335	2 335	2 335	2 335	2 335	2 335
Wind	586	586	894	1 202	1 510	1 819	2 127	2 435	2 743	3 051
Biomass / Landfill Gas / Waste	2 649	2 649	2 665	2 609	2 741	2 078	1 936	1 969	2 002	2 035
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	43 324	40 691	39 541	39 290	39 915	43 062	42 375	41 447	41 234	40 708
Natural Gas	17 247	19 177	19 175	19 656	20 394	19 654	19 650	20 844	21 441	21 441
Oil	45	45	1 450	1 450	1 450	1 450	2 433	2 433	2 433	3 030
<b>British Columbia Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	59 223	60 995	60 995	60 995	60 995	61 533	61 533	61 533	61 941	61 941
Wind	0	0	166	332	498	664	830	996	1 162	1 328
Biomass / Landfill Gas / Waste	3 666	3 666	3 798	3 996	4 259	4 522	4 786	5 049	5 247	5 378
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	3 663	3 536	3 445	3 418	3 512	3 663	3 663	4 089	4 440	4 722
Oil	82	82	82	82	82	82	82	82	82	82
<b>Manitoba Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	29 120	29 120	29 120	29 120	29 120	29 120	29 120	30 524	30 524	30 524
Wind	0	0	166	332	498	664	830	996	1 162	1 328
Biomass / Landfill Gas / Waste	88	88	120	153	186	219	252	285	318	351
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	813	813	813	813	813	813	813	813	813	813
Natural Gas	95	0	189	234	392	502	502	502	502	502
Oil	14	14	14	18	17	20	20	14	14	14

<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
394 703	396 583	398 402	408 345	410 133	410 088	419 863	419 831	419 802	419 778	419 732	419 716	419 703	419 687	419 665	419 456
27 202	29 605	31 817	33 858	35 837	37 755	39 669	41 588	43 510	45 429	47 342	49 258	51 177	53 092	55 005	56 918
16 209	16 671	17 446	17 801	18 388	18 826	19 106	19 314	19 506	19 553	19 752	19 874	20 134	20 198	20 469	20 647
99 312	104 307	106 849	110 852	108 451	107 911	107 723	107 933	108 760	115 845	116 851	118 087	118 305	118 887	118 305	119 559
67 014	63 843	65 248	64 537	64 848	64 511	63 999	63 220	64 120	62 360	61 997	61 476	61 324	60 738	60 356	59 686
69 321	70 681	70 847	68 542	69 638	72 139	72 342	72 528	71 292	70 353	70 586	70 832	71 029	71 864	71 995	71 500
17 379	18 356	17 846	18 047	17 859	16 700	16 551	17 023	16 918	13 438	13 293	13 916	13 902	13 196	13 150	13 712
2 335	2 335	2 335	2 335	2 335	2 335	2 335	2 335	2 335	2 335	2 335	2 335	2 335	2 335	2 335	2 335
3 288	3 454	3 549	3 596	3 644	3 691	3 739	3 786	3 834	3 881	3 928	3 976	4 023	4 071	4 118	4 165
2 068	2 097	2 489	2 512	2 814	3 015	3 059	3 030	2 985	2 796	2 757	2 642	2 664	2 490	2 509	2 450
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 688	41 635	40 751	41 071	41 465	41 417	41 053	40 442	40 131	39 650	39 532	39 137	39 079	38 611	38 545	38 160
22 038	22 038	22 042	22 047	22 074	22 686	22 700	22 675	22 706	23 252	23 251	23 236	23 238	23 833	23 833	23 833
3 030	3 030	4 224	4 821	4 821	4 821	4 821	5 419	5 419	5 419	5 419	6 016	6 016	6 016	6 016	6 613
62 309	62 309	62 309	66 655	66 655	66 655	66 655	66 655	66 655	66 655	66 655	66 655	66 655	66 655	66 655	66 655
1 494	1 659	1 825	1 991	2 157	2 323	2 489	2 655	2 821	2 987	3 153	3 319	3 485	3 651	3 817	3 983
5 510	5 629	5 734	5 826	5 905	5 971	6 037	6 103	6 169	6 235	6 300	6 366	6 432	6 498	6 564	6 630
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 880	5 028	5 143	4 558	4 467	4 437	4 437	4 439	4 461	4 482	4 506	4 554	4 566	4 544	4 524	4 512
82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
30 524	30 524	30 524	34 317	34 317	34 317	44 132	44 132	44 132	44 132	44 132	44 132	44 132	44 132	44 132	44 132
1 494	1 659	1 825	1 991	2 157	2 323	2 489	2 655	2 821	2 987	3 153	3 319	3 485	3 651	3 817	3 983
384	414	440	463	483	499	516	532	549	565	581	598	614	631	647	664
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
813	813	813	813	813	813	813	813	813	813	813	813	813	813	813	813
502	502	502	502	502	502	502	502	502	502	502	502	502	502	502	502
14	14	14	14	14	14	14	14	14	14	14	14	17	17	17	17

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<u>Reference Case / Continuing Trends</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>New Brunswick Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802
Wind	0	0	95	190	285	379	474	569	664	759
Biomass / Landfill Gas / Waste	904	904	937	970	1 003	1 036	1 069	1 102	1 134	1 167
Uranium	5 015	5 015	5 015	3 761	0	3 549	4 401	4 368	4 313	4 260
Coal & Coke	4 432	4 432	4 432	4 432	4 091	3 101	3 101	2 801	2 801	2 801
Natural Gas	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598
Oil	4 581	5 139	4 819	5 250	5 654	5 584	5 141	5 311	5 246	5 166
<b>Newfoundland and Labrador Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	40 780	40 780	40 780	40 522	40 457	40 388	40 332	40 327	40 398	40 420
Wind	0	0	12	11	22	33	44	55	67	78
Biomass / Landfill Gas / Waste	0	0	33	32	62	92	122	152	185	216
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	243	243	243	233	230	227	225	225	227	228
Oil	2 019	2 267	2 602	2 983	2 748	2 488	2 263	2 263	2 569	2 678
<b>Nova Scotia Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	966	966	966	966	966	966	966	966	966	966
Wind	111	111	194	277	360	443	526	609	692	775
Biomass / Landfill Gas / Waste	423	423	456	489	522	555	588	621	654	687
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	6 684	7 784	7 227	7 057	6 505	6 392	6 196	7 576	7 460	7 357
Natural Gas	95	133	132	132	132	132	132	132	132	132
Oil	2 948	2 998	2 991	2 957	2 993	2 962	2 944	1 546	1 522	1 504
<b>Nunavut Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
Wind	0	0	0	10	28	47	66	85	104	123
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	215	229	244	251	252	246	248	247	238	227
<b>Northwest Territories Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	287	287	287	287	287	287	287	287	287	287
Wind	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	397	424	426	426	427	427	433	443	446	445

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2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802
853	925	972	996	1 019	1 043	1 067	1 091	1 114	1 138	1 162	1 185	1 209	1 233	1 256	1 280
1 200	1 230	1 256	1 279	1 299	1 316	1 332	1 348	1 365	1 381	1 398	1 414	1 431	1 447	1 464	1 480
4 229	4 229	4 233	4 218	4 200	4 193	4 177	4 167	4 157	9 801	9 775	9 773	9 746	9 704	9 662	9 620
2 801	2 801	4 681	3 921	3 900	3 882	3 862	3 841	3 823	2 682	2 682	2 682	2 682	2 682	2 682	2 682
1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	2 441	2 441	2 441
5 149	6 090	4 505	4 283	4 296	4 296	4 290	4 288	4 285	910	907	938	940	284	271	259
52 368	52 412	52 390	52 355	52 304	52 261	52 223	52 189	52 158	52 132	52 106	52 092	52 077	52 062	52 041	52 027
90	101	109	116	122	127	131	136	140	145	150	155	160	165	169	174
249	279	303	323	339	351	364	377	390	403	416	430	443	457	470	483
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
230	232	231	229	227	1 221	1 208	1 197	1 175	1 149	1 115	1 071	1 030	988	925	880
2 864	3 066	2 959	2 823	2 625	1 446	1 305	1 182	1 074	990	917	895	873	851	819	796
966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
822	858	882	893	905	917	929	941	953	965	976	988	1 000	1 012	1 024	1 036
720	749	776	799	818	835	851	868	884	901	917	934	950	967	1 000	1 016
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 841	7 856	7 872	7 860	7 948	7 931	7 912	7 894	7 986	7 970	8 013	8 017	8 003	8 090	8 038	8 004
974	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974
299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	161	179	190	198	204	205	211	220	225	225	228	233	234	234	234
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
232	227	218	213	214	214	217	217	220	221	228	229	228	229	231	234
287	283	283	283	282	282	281	280	280	280	259	258	258	256	255	254
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
296	585	585	583	582	582	580	578	578	578	804	800	798	794	790	788
424	247	244	237	226	226	222	219	219	214	147	143	139	136	132	129

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<b>Ontario Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	37 751	37 777	37 777	37 868	39 590	40 249	40 249	40 249	40 249	40 249
Wind	16	819	2 259	3 470	3 992	4 514	5 035	5 557	6 078	6 600
Biomass / Landfill Gas / Waste	2 207	2 207	2 306	2 372	2 438	2 504	2 569	2 635	2 701	2 767
Uranium	83 673	83 585	84 467	82 171	83 830	90 200	90 165	91 723	92 425	89 091
Coal & Coke	22 535	22 546	24 263	26 035	21 723	15 761	14 131	10 204	7 550	6 777
Natural Gas	12 004	12 808	14 492	17 945	20 687	24 677	25 833	24 607	27 306	29 722
Oil	166	166	166	166	166	178	178	183	181	190
<b>Prince Edward Island Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
Wind	0	0	47	95	142	190	237	285	332	379
Biomass / Landfill Gas / Waste	0	0	7	13	20	26	33	40	46	53
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	86	86	86	112	132	112	112	112	112	112
<b>Quebec Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	174 798	175 960	178 821	181 279	190 765	194 137	194 195	199 315	199 314	199 315
Wind	174	174	1 039	2 225	3 410	4 595	5 781	6 966	8 151	9 337
Biomass / Landfill Gas / Waste	1 601	1 601	1 733	1 864	1 996	2 128	2 259	2 391	2 523	2 654
Uranium	4 978	4 978	4 978	4 978	3 734	0	3 734	4 978	4 978	4 978
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	232	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793
Oil	5 306	5 306	5 306	5 306	5 306	5 306	4 865	4 865	4 865	4 865
<b>Saskatchewan Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	3 191	3 191	3 191	3 191	3 191	3 191	3 191	3 305	3 305	3 305
Wind	59	59	153	248	343	438	533	628	722	817
Biomass / Landfill Gas / Waste	282	282	295	308	321	334	347	361	374	387
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	13 921	14 160	14 163	12 757	12 759	11 980	11 635	11 313	11 056	10 776
Natural Gas	4 159	4 141	4 144	4 094	4 038	3 716	3 709	3 707	3 707	3 707
Oil	26	26	26	26	26	26	26	26	26	26
<b>Yukon Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	249	252	254	250	247	243	244	241	239	239
Wind	0	0	0	8	16	23	31	38	37	37
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	75	79	82	84	84	81	83	81	81	78

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40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249
7 121	7 591	8 008	8 373	8 686	8 947	9 207	9 468	9 729	9 990	10 250	10 511	10 772	11 033	11 293	11 554
2 833	2 892	2 945	2 991	3 030	3 063	3 096	3 129	3 162	3 195	3 228	3 261	3 294	3 327	3 360	3 393
90 105	95 100	97 637	101 655	99 273	98 740	98 567	98 788	99 624	101 066	102 098	103 336	103 580	104 204	103 664	104 961
4 275	0	0	0	0	0	0	0	1 077	1 077	1 077	1 077	1 077	1 077	1 077	1 077
31 303	32 224	32 271	30 550	31 714	32 499	32 703	32 925	31 658	30 178	30 056	30 317	30 542	30 008	30 086	29 648
199	210	210	190	199	210	210	210	210	199	190	210	210	190	190	188
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
427	469	507	541	569	593	616	640	664	688	711	735	759	782	806	830
59	65	71	75	79	82	86	89	92	96	99	102	105	109	112	115
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	112	112	105	105	112	112	112	112	105	105	105	112	105	105	105
199 315	201 154	202 994	204 833	206 673	206 673	206 673	206 673	206 673	206 673	206 673	206 673	206 673	206 673	206 673	206 479
10 522	11 707	12 892	14 078	15 263	16 448	17 634	18 819	20 004	21 190	22 375	23 560	24 745	25 931	27 116	28 301
2 786	2 905	3 010	3 102	3 181	3 247	3 313	3 379	3 445	3 510	3 576	3 642	3 708	3 774	3 840	3 906
4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793
4 865	4 865	4 865	4 865	4 865	4 865	4 865	4 865	4 865	4 865	4 865	4 865	4 865	4 865	4 865	4 865
3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305
912	983	1 031	1 054	1 078	1 102	1 125	1 149	1 173	1 196	1 220	1 244	1 268	1 291	1 315	1 339
400	412	423	432	440	446	453	459	466	473	479	486	492	499	505	512
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 596	10 739	11 132	10 872	10 722	10 467	10 359	10 229	10 289	10 168	9 879	9 750	9 669	9 464	9 200	8 949
3 707	3 707	3 707	3 707	3 707	3 848	3 848	3 848	3 848	3 848	3 988	3 988	3 988	3 988	4 129	4 129
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
243	243	246	246	246	243	243	246	248	250	250	250	253	253	253	253
38	38	38	38	38	38	38	38	39	39	39	39	39	39	39	39
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	90	89	89	89	90	90	91	95	95	96	96	97	99	99	100

Table 5.5 Interchange, Reference Case and Continuing Trends

## Reference Case / Continuing Trends

		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Alberta</b>											
British Columbia	Sales to British Columbia	3 080	2 304	2 798	2 974	3 213	4 390	4 390	4 390	4 390	4 390
	Sales to Alberta	0	1 113	1 110	890	434	0	0	0	0	0
	Net Out-Flow	3 080	1 191	1 688	2 084	2 779	4 390	4 390	4 390	4 390	4 390
Saskatchewan	Sales to Saskatchewan	986	1 107	1 103	1 159	1 154	1 175	1 317	1 317	1 317	1 303
	Sales to Alberta	34	0	0	0	0	0	0	0	0	0
	Net Out-Flow	952	1 107	1 103	1 159	1 154	1 175	1 317	1 317	1 317	1 303
United States	Exports to United States	0	0	0	0	0	0	0	0	0	0
	Imports from United States	0	0	0	0	0	0	0	0	0	0
	Net Exports	0	0	0	0	0	0	0	0	0	0
Total	Out	4 066	3 411	3 901	4 133	4 367	5 565	5 707	5 707	5 707	5 693
	In	34	1 113	1 110	890	434	0	0	0	0	0
	Net Out	4 032	2 298	2 791	3 243	3 933	5 565	5 707	5 707	5 707	5 693
<b>British Columbia</b>											
Alberta	Sales to Alberta	0	1 113	1 110	890	434	0	0	0	0	0
	Sales to British Columbia	3 080	2 304	2 798	2 974	3 213	4 390	4 390	4 390	4 390	4 390
	Net Out-Flow	-3 080	-1 191	-1 688	-2 084	-2 779	-4 390	-4 390	-4 390	-4 390	-4 390
United States	Exports to United States	3 059	1 860	1 932	1 932	1 932	4 162	4 136	3 961	4 305	4 390
	Imports from United States	504	295	95	107	98	673	685	480	169	0
	Net Exports	2 555	1 565	1 837	1 825	1 834	3 489	3 451	3 481	4 136	4 390
Total	Out	3 059	2 973	3 042	2 822	2 366	4 162	4 136	3 961	4 305	4 390
	In	3 584	2 599	2 893	3 081	3 311	5 063	5 075	4 870	4 559	4 390
	Net Out	-525	374	149	-259	-945	-901	-939	-909	-254	0
<b>Manitoba</b>											
Saskatchewan	Sales to Saskatchewan	0	0	0	0	0	0	0	0	0	0
	Sales to Manitoba	2 079	2 132	2 129	992	1 015	88	88	88	88	88
	Net Out-Flow	-2 079	-2 132	-2 129	-992	-1 015	-88	-88	-88	-88	-88
Ontario	Sales to Ontario Hydro	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
	Sales to Manitoba	1 756	1 477	1 246	1 539	1 408	1 355	1 223	1 052	1 052	1 052
	Net Out-Flow	878	1 157	1 388	1 095	1 226	1 279	1 411	1 582	1 582	1 582
United States	Exports to United States	11 130	10 258	10 169	9 399	9 367	8 475	8 258	9 521	9 678	9 837
	Imports from United States	0	0	0	0	0	0	0	0	0	0
	Net Exports	11 130	10 258	10 169	9 399	9 367	8 475	8 258	9 521	9 678	9 837
Total	Out	13 764	12 892	12 803	12 033	12 001	11 109	10 892	12 155	12 312	12 471
	In	3 835	3 609	3 375	2 531	2 423	1 443	1 311	1 140	1 140	1 140
	Net Out	9 929	9 283	9 428	9 502	9 578	9 666	9 581	11 015	11 172	11 331

<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
4 390	5 268	6 146	7 024	7 902	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 390	5 268	6 146	7 024	7 902	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
1 295	1 080	789	789	789	789	789	789	789	789	789	789	789	799	798	859
0	27	202	121	150	235	262	235	399	397	434	376	393	340	350	288
1 295	1 053	587	668	639	554	527	554	390	392	355	413	396	459	448	571
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 685	6 348	6 935	7 813	8 691	9 569	9 569	9 569	9 569	9 569	9 569	9 569	9 569	9 579	9 578	9 639
0	27	202	121	150	235	262	235	399	397	434	376	393	340	350	288
5 685	6 321	6 733	7 692	8 541	9 334	9 307	9 334	9 170	9 172	9 135	9 193	9 176	9 239	9 228	9 351
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 390	5 268	6 146	7 024	7 902	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
-4 390	-5 268	-6 146	-7 024	-7 902	-8 780	-8 780	-8 780	-8 780	-8 780	-8 780	-8 780	-8 780	-8 780	-8 780	-8 780
4 302	4 336	4 527	8 678	9 376	9 958	9 880	9 714	9 595	9 488	9 364	9 092	9 050	9 218	9 376	9 480
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 302	4 336	4 527	8 678	9 376	9 958	9 880	9 714	9 595	9 488	9 364	9 092	9 050	9 218	9 376	9 480
4 302	4 336	4 527	8 678	9 376	9 958	9 880	9 714	9 595	9 488	9 364	9 092	9 050	9 218	9 376	9 480
4 390	5 268	6 146	7 024	7 902	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
-88	-932	-1 619	1 654	1 474	1 178	1 100	934	815	708	584	312	270	438	596	700
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
-88	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88
2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052
1 582	1 582	1 582	1 582	1 582	1 582	1 582	1 582	1 582	1 582	1 582	1 582	1 582	1 582	1 582	1 582
9 818	9 745	9 649	13 559	13 683	13 791	23 707	23 853	23 974	24 103	24 260	24 344	24 479	24 665	24 834	24 991
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 818	9 745	9 649	13 559	13 683	13 791	23 707	23 853	23 974	24 103	24 260	24 344	24 479	24 665	24 834	24 991
12 452	12 379	12 283	16 193	16 317	16 425	26 341	26 487	26 608	26 737	26 894	26 978	27 113	27 299	27 468	27 625
1 140	1 140	1 140	1 140	1 140	1 140	1 140	1 140	1 140	1 140	1 140	1 140	1 140	1 140	1 140	1 140
11 312	11 239	11 143	15 053	15 177	15 285	25 201	25 347	25 468	25 597	25 754	25 838	25 973	26 159	26 328	26 485



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		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>New Brunswick</b>											
Nova Scotia	Sales to Nova Scotia	309	0	0	68	143	181	291	328	328	326
	Sales to New Brunswick	141	1 059	638	510	106	12	20	46	55	63
	Net Out-Flow	168	-1 059	-638	-442	37	169	271	282	273	263
Prince Edward Island											
	Sales to Prince Edward Island	1 114	1 131	1 083	1 017	960	943	906	864	812	765
	Sales to New Brunswick	0	0	0	0	0	0	0	0	0	0
	Net Out-Flow	1 114	1 131	1 083	1 017	960	943	906	864	812	765
Quebec											
	Sales to Hydro Quebec	5 998	7 807	7 110	6 619	3 664	3 264	3 104	2 869	2 892	3 172
	Sales to New Brunswick	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
	Net Out-Flow	-2 782	-973	-1 670	-2 161	-5 116	-5 516	-5 676	-5 911	-5 888	-5 608
United States											
	Exports to United States	3 951	3 747	3 747	3 367	2 187	4 858	5 335	5 438	5 460	5 242
	Imports from United States	0	0	0	0	0	0	0	0	0	0
	Net Exports	3 951	3 747	3 747	3 367	2 187	4 858	5 335	5 438	5 460	5 242
Total											
	Out	11 372	12 685	11 940	11 071	6 954	9 246	9 636	9 499	9 492	9 505
	In	8 921	9 839	9 418	9 290	8 886	8 792	8 800	8 826	8 835	8 843
	Net Out	2 451	2 846	2 522	1 781	-1 932	454	836	673	657	662
<b>Newfoundland and Labrador</b>											
Quebec		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
	Sales to Hydro Quebec	32 312	32 329	32 272	32 267	32 277	32 295	32 319	32 315	32 281	32 270
	Sales to Labrador	16	28	58	74	63	37	24	27	54	70
	Net Out-Flow	32 296	32 301	32 214	32 193	32 214	32 258	32 295	32 288	32 227	32 200
<b>Nova Scotia</b>											
New Brunswick		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	Sales to New Brunswick	141	1 059	638	510	106	12	20	46	55	63
	Sales to Nova Scotia	309	0	0	68	143	181	291	328	328	326
	Net Out-Flow	-168	1 059	638	442	-37	-169	-271	-282	-273	-263
<b>Ontario</b>											
Manitoba		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
	Sales to Manitoba	1 756	1 477	1 246	1 539	1 408	1 355	1 223	1 052	1 052	1 052
	Sales to Ontario Hydro	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
	Net Out-Flow	-878	-1 157	-1 388	-1 095	-1 226	-1 279	-1 411	-1 582	-1 582	-1 582
Quebec											
	Sales to Hydro Quebec	878	878	772	878	510	3 796	3 246	1 289	1 261	269
	Sales to Ontario Hydro	0	0	0	0	935	224	641	2 881	2 991	3 633
	Net Out-Flow	878	878	772	878	-425	3 572	2 605	-1 592	-1 730	-3 364
United States											
	Exports to United States	878	417	362	878	878	720	614	574	600	570
	Imports from United States	0	0	0	0	0	0	525	1 167	1 144	1 320
	Net Exports	878	417	362	878	878	720	89	-593	-544	-750
Total											
	Out	3 512	2 772	2 380	3 295	2 796	5 871	5 083	2 915	2 913	1 891
	In	2 634	2 634	2 634	2 634	3 569	2 858	3 800	6 682	6 769	7 587
	Net Out	878	138	-254	661	-773	3 013	1 283	-3 767	-3 856	-5 696

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<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
287	285	299	291	253	253	253	253	253	253	253	253	253	210	210	210
118	110	105	107	175	187	200	214	334	350	432	438	452	546	557	565
169	175	194	184	78	66	53	39	-81	-97	-179	-185	-199	-336	-347	-355
722	686	665	637	612	586	564	540	525	519	504	492	470	459	445	428
0	0	0	0	0	0	0	0	2	11	16	24	32	40	46	54
722	686	665	637	612	586	564	540	523	508	488	468	438	419	399	374
3 175	4 153	4 323	3 284	3 344	3 357	3 365	3 373	3 442	4 761	4 804	4 911	4 932	4 981	5 021	5 061
8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
-5 605	-4 627	-4 457	-5 496	-5 436	-5 423	-5 415	-5 407	-5 338	-4 019	-3 976	-3 869	-3 848	-3 799	-3 759	-3 719
5 319	5 224	5 282	5 374	5 448	5 469	5 491	5 511	5 577	5 445	5 512	5 430	5 469	5 815	5 856	5 893
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 319	5 224	5 282	5 374	5 448	5 469	5 491	5 511	5 577	5 445	5 512	5 430	5 469	5 815	5 856	5 893
9 503	10 348	10 569	9 586	9 657	9 665	9 673	9 677	9 797	10 978	11 073	11 086	11 124	11 465	11 532	11 592
8 898	8 890	8 885	8 887	8 955	8 967	8 980	8 994	9 116	9 141	9 228	9 242	9 264	9 366	9 383	9 399
605	1 458	1 684	699	702	698	693	683	681	1 837	1 845	1 844	1 860	2 099	2 149	2 193
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
44 056	44 022	44 032	44 049	44 080	44 112	44 138	44 162	44 185	44 202	44 222	44 228	44 240	44 251	44 265	44 274
2	12	8	4	1	0	0	0	0	0	0	0	0	0	0	0
44 054	44 010	44 024	44 045	44 079	44 112	44 138	44 162	44 185	44 202	44 222	44 228	44 240	44 251	44 265	44 274
2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
118	110	105	107	175	187	200	214	334	350	432	438	452	546	557	565
287	285	299	291	253	253	253	253	253	253	253	253	253	210	210	210
-169	-175	-194	-184	-78	-66	-53	-39	81	97	179	185	199	336	347	355
2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052	1 052
2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
-1 582	-1 582	-1 582	-1 582	-1 582	-1 582	-1 582	-1 582	-1 582	-1 582	-1 582	-1 582	-1 582	-1 582	-1 582	-1 582
489	786	971	532	0	0	0	0	0	0	0	0	0	0	0	0
5 098	5 963	5 775	4 358	5 692	6 127	6 554	6 792	6 880	7 732	7 538	7 165	7 447	7 799	9 025	8 746
-4 609	-5 177	-4 804	-3 826	-5 692	-6 127	-6 554	-6 792	-6 880	-7 732	-7 538	-7 165	-7 447	-7 799	-9 025	-8 746
526	526	526	526	526	526	526	526	526	526	526	526	526	526	526	526
1 387	1 539	1 539	1 411	1 539	1 539	1 539	1 539	1 539	1 539	1 510	1 539	1 539	1 473	1 430	1 320
-861	-1 013	-1 013	-885	-1 013	-1 013	-1 013	-1 013	-1 013	-1 013	-984	-1 013	-1 013	-947	-904	-794
2 067	2 364	2 549	2 110	1 578	1 578	1 578	1 578	1 578	1 578	1 578	1 578	1 578	1 578	1 578	1 578
9 119	10 136	9 948	8 403	9 865	10 300	10 727	10 965	11 053	11 905	11 682	11 338	11 620	11 906	13 089	12 700
-7 052	-7 772	-7 399	-6 293	-8 287	-8 722	-9 149	-9 387	-9 475	-10 327	-10 104	-9 760	-10 042	-10 328	-11 511	-11 122

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		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Prince Edward Island</b>											
New Brunswick	Sales to New Brunswick	0	0	0	0	0	0	0	0	0	0
	Sales to Prince Edward Island	1 114	1 131	1 083	1 017	960	943	906	864	812	765
	Net Out-Flow	-1 114	-1 131	-1 083	-1 017	-960	-943	-906	-864	-812	-765
<b>Quebec</b>											
New Brunswick	Sales to New Brunswick	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
	Sales to Hydro Quebec	5 998	7 807	7 110	6 619	3 664	3 264	3 104	2 869	2 892	3 172
	Net Out-Flow	2 782	973	1 670	2 161	5 116	5 516	5 676	5 911	5 888	5 608
Newfoundland and Labrador	Sales to Labrador	16	28	58	74	63	37	24	27	54	70
	Sales to Hydro Quebec	32 312	32 329	32 272	32 267	32 277	32 295	32 319	32 315	32 281	32 270
	Net Out-Flow	-32 296	-32 301	-32 214	-32 193	-32 214	-32 258	-32 295	-32 288	-32 227	-32 200
Ontario	Sales to Ontario Hydro	0	0	0	0	935	224	641	2 881	2 991	3 633
	Sales to Hydro Quebec	878	878	772	878	510	3 796	3 246	1 289	1 261	269
	Net Out-Flow	-878	-878	-772	-878	425	-3 572	-2 605	1 592	1 730	3 364
United States	Exports to United States	7 249	11 703	11 331	11 653	11 811	10 744	10 851	11 101	11 122	11 151
	Imports from United States	1 181	978	676	628	903	78	408	208	196	883
	Net Exports	6 068	10 725	10 655	11 025	10 908	10 666	10 443	10 893	10 926	10 268
Total	Out	16 045	20 511	20 169	20 507	21 589	19 785	20 296	22 789	22 947	23 634
	In	40 369	41 992	40 830	40 392	37 354	39 433	39 077	36 681	36 630	36 594
	Net Out	-24 324	-21 481	-20 661	-19 885	-15 765	-19 648	-18 781	-13 892	-13 683	-12 960
<b>Saskatchewan</b>											
Alberta	Sales to Alberta	34									
	Sales to Saskatchewan	986	1 107	1 103	1 159	1 154	1 175	1 317	1 317	1 317	1 303
	Net Out-Flow	-952	-1 107	-1 103	-1 159	-1 154	-1 175	-1 317	-1 317	-1 317	-1 303
Manitoba	Sales to Manitoba	2 079	2 132	2 129	992	1 015	88	88	88	88	88
	Sales to Saskatchewan	0	0	0	0	0	0	0	0	0	0
	Net Out-Flow	2 079	2 132	2 129	992	1 015	88	88	88	88	88
United States	Exports to United States	1 317	1 243	1 238	1 284	1 295	1 317	1 317	1 317	1 317	1 317
	Imports from United States	0	0	0	0	0	0	0	0	0	0
	Net Exports	1 317	1 243	1 238	1 284	1 295	1 317	1 317	1 317	1 317	1 317
Total	Out	3 430	3 375	3 367	2 276	2 310	1 405	1 405	1 405	1 405	1 405
	In	986	1 107	1 103	1 159	1 154	1 175	1 317	1 317	1 317	1 303
	Net Out	2 444	2 268	2 264	1 117	1 156	230	88	88	88	102
<b>Canada Total</b>											
	In-Flows	60 116	62 780	61 732	60 403	57 296	59 174	58 984	58 879	58 935	58 815
	Out-Flows	60 116	62 780	61 732	60 403	57 296	59 174	58 984	58 879	58 935	58 815
	Exports	27 584	29 646	29 069	29 392	28 336	30 907	31 036	32 437	33 008	33 033
	Imports	1 685	1 273	910	735	1 001	1 277	2 503	3 131	2 786	3 515
	Net Exports	25 899	28 373	28 159	28 657	27 335	29 630	28 533	29 307	30 222	29 517

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<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
0	0	0	0	0	0	0	0	2	11	16	24	32	40	46	54
722	686	665	637	612	586	564	540	525	519	504	492	470	459	445	428
-722	-686	-665	-637	-612	-586	-564	-540	-523	-508	-488	-468	-438	-419	-399	-374
2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
3 175	4 153	4 323	3 284	3 344	3 357	3 365	3 373	3 442	4 761	4 804	4 911	4 932	4 981	5 021	5 061
5 605	4 627	4 457	5 496	5 436	5 423	5 415	5 407	5 338	4 019	3 976	3 869	3 848	3 799	3 759	3 719
2	12	8	4	1	0	0	0	0	0	0	0	0	0	0	0
44 056	44 022	44 032	44 049	44 080	44 112	44 138	44 162	44 185	44 202	44 222	44 228	44 240	44 251	44 265	44 274
-44 054	-44 010	-44 024	-44 045	-44 079	-44 112	-44 138	-44 162	-44 185	-44 202	-44 222	-44 228	-44 240	-44 251	-44 265	-44 274
5 098	5 963	5 775	4 358	5 692	6 127	6 554	6 792	6 880	7 732	7 538	7 165	7 447	7 799	9 025	8 746
489	786	971	532	0	0	0	0	0	0	0	0	0	0	0	0
4 609	5 177	4 804	3 826	5 692	6 127	6 554	6 792	6 880	7 732	7 538	7 165	7 447	7 799	9 025	8 746
19 220	18 866	18 664	19 178	19 281	19 054	19 069	19 000	19 054	19 295	19 247	18 855	18 754	19 183	19 096	19 552
346	717	1 051	721	599	908	904	975	929	613	569	929	1 006	535	447	86
18 874	18 149	17 613	18 457	18 682	18 146	18 165	18 025	18 125	18 682	18 678	17 926	17 748	18 648	18 649	19 466
33 100	33 621	33 227	32 320	33 754	33 961	34 403	34 572	34 714	35 807	35 565	34 800	34 981	35 762	36 901	37 078
48 066	49 678	50 377	48 586	48 023	48 377	48 407	48 510	48 556	49 576	49 595	50 068	50 178	49 767	49 733	49 421
-14 966	-16 057	-17 150	-16 266	-14 269	-14 416	-14 004	-13 938	-13 842	-13 769	-14 030	-15 268	-15 197	-14 005	-12 832	-12 343
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
1 295	1 080	789	789	789	789	789	789	789	789	789	789	789	799	798	859
-1 295	-1 080	-789	-789	-789	-789	-789	-789	-789	-789	-789	-789	-789	-799	-798	-859
88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317
1 405	1 405	1 405	1 405	1 405	1 405	1 405	1 405	1 405	1 405	1 405	1 405	1 405	1 405	1 405	1 405
1 295	1 080	789	789	789	789	789	789	789	789	789	789	789	799	798	859
110	325	616	616	616	616	616	616	616	616	616	616	616	606	607	546
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
72 186	74 945	75 868	73 750	75 552	76 979	77 460	77 690	78 142	80 347	80 324	80 010	80 341	80 759	82 052	81 818
72 186	74 945	75 868	73 750	75 552	76 979	77 460	77 690	78 142	80 347	80 324	80 010	80 341	80 759	82 052	81 818
41 027	40 540	40 490	49 158	50 157	50 640	60 516	60 447	60 568	60 699	60 752	60 091	60 121	61 250	61 531	62 284
3 374	4 016	4 350	3 848	3 899	4 208	4 203	4 274	4 228	3 912	3 839	4 229	4 306	3 768	3 424	3 110
37 653	36 524	36 140	45 310	46 259	46 432	56 313	56 172	56 340	56 787	56 913	55 862	55 815	57 482	58 107	59 173

**Table 5.6 Capacity by Plant Type, Triple E**

<u>Triple-E</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Canada Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	5 361	6 188	6 918	7 111	7 204	7 316	7 424	7 517	8 024	8 117
Oil/Gas Steam Turbine	8 005	7 345	7 345	7 345	7 345	7 509	7 434	6 612	6 455	6 297
Oil/Gas Combined Cycle	4 821	4 911	4 911	7 471	7 691	8 374	8 374	8 984	9 234	9 484
Coal	17 404	16 256	16 256	16 309	15 373	13 912	13 572	13 489	12 999	12 205
Nuclear	13 345	13 345	13 345	13 345	14 170	14 995	14 995	14 995	14 995	14 995
Biomass / Landfill Gas / Waste / CHP	1 658	1 658	1 751	1 839	1 937	2 035	2 133	2 231	2 319	2 397
Wind	494	800	2 121	3 451	4 589	5 731	6 869	8 007	9 145	10 283
Hydro / Wave / Tidal	71 757	72 397	72 979	73 599	74 377	74 908	75 026	76 294	76 759	76 759
<b>Alberta Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	1 506	1 826	2 071	2 256	2 341	2 441	2 541	2 626	2 711	2 796
Oil/Gas Steam Turbine	1 166	506	506	506	506	360	285	285	285	285
Oil/Gas Combined Cycle	1 714	1 714	1 714	1 714	1 714	1 714	1 714	1 714	1 714	1 714
Coal	6 107	6 107	6 107	6 160	6 213	6 266	6 416	6 472	6 472	6 168
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	203	203	218	223	228	233	238	243	248	253
Wind	275	275	405	535	665	795	925	1 055	1 185	1 315
Hydro / Wave / Tidal	879	879	879	979	979	979	979	979	979	979
<b>British Columbia Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	260	260	260	260	260	260	260	260	260	260
Oil/Gas Steam Turbine	1 093	1 093	1 093	1 093	1 093	1 093	1 093	935	778	620
Oil/Gas Combined Cycle	293	293	293	293	293	293	293	543	793	1 043
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	555	555	575	605	645	685	725	765	795	815
Wind	0	0	70	140	210	280	350	420	490	560
Hydro / Wave / Tidal	12 420	12 818	12 818	12 818	12 818	12 926	12 926	12 926	13 391	13 391
<b>Manitoba Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	384	384	384	384	384	384	384	384	384	384
Oil/Gas Steam Turbine	0	0	0	0	0	0	0	0	0	0
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	98	98	98	98	98	98	98	98	98	98
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	22	22	27	32	37	42	47	52	57	62
Wind	0	0	70	140	210	280	350	420	490	560
Hydro / Wave / Tidal	5 029	5 029	5 029	5 029	5 029	5 029	5 029	5 229	5 229	5 229





















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Triple-E	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Ontario Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	8 444	8 450	8 450	8 470	8 701	8 851	8 851	8 851	8 851	8 851
Wind	15	320	866	1 326	1 546	1 766	1 986	2 206	2 426	2 646
Biomass / Landfill Gas / Waste	392	392	407	417	427	437	447	457	467	477
Uranium	11 990	11 990	11 990	11 990	12 815	13 640	13 640	13 640	13 640	13 640
Coal & Coke	7 589	6 441	6 441	6 441	5 452	3 938	3 448	2 958	2 468	1 978
Natural Gas	4 936	5 026	5 511	8 071	8 291	9 284	9 284	9 284	9 698	9 698
Oil	108	108	108	108	108	108	108	108	108	108
<b>Prince Edward Island Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
Wind	14	14	34	54	74	94	114	134	154	174
Biomass / Landfill Gas / Waste	0	0	1	2	3	4	5	6	7	8
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	169	169	169	169	169	169	169	169	169	169
<b>Quebec Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	35 882	36 119	36 701	37 201	37 748	38 021	38 139	39 182	39 182	39 182
Wind	113	113	478	978	1 478	1 978	2 478	2 978	3 478	3 978
Biomass / Landfill Gas / Waste	274	274	294	314	334	354	374	394	414	434
Uranium	675	675	675	675	675	675	675	675	675	675
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	31	538	538	538	538	538	538	538	538	538
Oil	1 620	1 620	1 620	1 620	1 620	1 620	1 620	1 620	1 620	1 620
<b>Saskatchewan Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	853	853	853	853	853	853	853	878	878	878
Wind	22	22	62	102	142	182	222	262	302	342
Biomass / Landfill Gas / Waste	63	63	65	67	69	71	73	75	77	79
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	1 790	1 790	1 790	1 790	1 790	1 790	1 790	1 958	1 958	1 958
Natural Gas	1 060	1 060	1 060	1 060	1 060	1 060	1 060	928	928	928
Oil	11	11	11	11	11	11	11	11	11	11
<b>Yukon Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	77	77	77	77	77	77	77	77	77	77
Wind	1	1	1	1	5	9	9	9	9	9
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	45	45	45	49	53	57	57	57	57	57





Table 5.8 Generation by Plant Type, Triple E

<u>Triple-E</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Canada Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	14 861	20 787	22 919	23 212	23 198	22 546	23 362	23 725	27 167	27 694
Oil/Gas Steam Turbine	17 444	17 969	17 827	17 164	15 709	17 518	16 893	13 205	12 665	12 726
Oil/Gas Combined Cycle	23 447	24 079	24 190	26 865	30 604	32 736	32 259	31 607	31 887	33 962
Coal	84 546	83 727	84 630	85 541	79 629	69 516	66 100	62 038	58 336	54 156
Nuclear	91 402	90 853	91 920	89 706	85 566	88 651	91 667	93 501	92 864	90 079
Biomass / Landfill Gas / Waste / CHP	9 181	9 181	9 864	10 486	11 175	11 820	12 465	13 110	13 689	14 202
Wind	945	1 749	4 976	8 295	10 996	13 701	16 398	19 096	21 793	24 491
Hydro / Wave / Tidal	338 414	342 960	347 550	358 383	369 761	376 240	376 555	379 346	380 063	380 170
<b>Alberta Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	6 505	8 753	10 157	10 754	11 529	11 383	12 054	12 651	13 248	13 845
Oil/Gas Steam Turbine	1 528	1 528	1 528	1 528	1 601	1 539	1 530	1 528	1 528	1 528
Oil/Gas Combined Cycle	9 037	9 037	9 037	9 037	9 698	9 523	9 054	9 037	9 037	9 037
Coal	41 059	40 968	39 584	37 301	36 887	37 605	36 724	34 626	33 248	31 480
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	1 320	1 320	1 419	1 452	1 485	1 518	1 551	1 584	1 617	1 649
Wind	586	586	894	1 202	1 510	1 819	2 127	2 435	2 743	3 051
Hydro / Wave / Tidal	1 897	1 897	1 897	2 336	2 336	2 336	2 336	2 336	2 336	2 336
<b>British Columbia Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	1 214	1 214	1 290	1 236	1 194	1 202	1 202	1 241	1 221	1 221
Oil/Gas Steam Turbine	3 313	3 271	3 390	2 395	1 630	1 827	1 796	1 832	1 617	1 361
Oil/Gas Combined Cycle	1 126	1 126	1 156	1 160	1 176	1 176	1 176	1 546	1 882	2 218
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	2 827	2 826	3 032	3 237	3 544	3 807	4 071	4 334	4 532	4 663
Wind	0	0	163	328	498	664	830	996	1 162	1 328
Hydro / Wave / Tidal	57 210	58 898	60 014	60 209	60 995	61 533	61 533	61 533	61 941	61 941
<b>Manitoba Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	6	7	7	210	210	115	115	109	204	204
Oil/Gas Steam Turbine	0	0	0	0	0	0	0	0	0	0
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	0	0	0	569	778	326	326	326	326	326
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	55	62	86	153	186	219	252	285	318	351
Wind	0	0	119	332	498	664	830	996	1 162	1 328
Hydro / Wave / Tidal	18 910	21 118	21 227	29 120	29 120	29 120	29 120	30 524	30 524	30 524







<u>Triple-E</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Ontario Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	1 987	1 987	2 604	1 987	2 149	2 307	2 496	2 435	5 334	5 254
Oil/Gas Steam Turbine	2 100	1 974	1 809	1 326	1 329	1 926	2 163	1 935	1 767	2 134
Oil/Gas Combined Cycle	8 410	9 042	9 123	11 793	14 856	17 163	17 156	14 973	14 677	16 371
Coal	21 834	20 755	23 155	25 008	19 929	12 466	10 828	9 189	7 550	5 912
Nuclear	83 361	82 659	83 949	80 967	81 833	85 195	83 654	84 323	83 753	81 039
Biomass / Landfill Gas / Waste / CHP	1 654	1 654	1 752	1 818	1 884	1 950	2 016	2 082	2 147	2 213
Wind	16	819	2 259	3 470	3 992	4 514	5 035	5 557	6 078	6 600
Hydro / Wave / Tidal	37 751	37 777	37 777	37 868	39 590	40 249	40 249	40 249	40 249	40 249
<b>Prince Edward Island Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	10	10	10	77	56	35	35	22	22	10
Oil/Gas Steam Turbine	63	63	63	63	63	63	63	63	63	63
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	14	14	20	27	34	40	47	53	60	67
Wind	0	0	47	95	142	190	237	285	332	379
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
<b>Quebec Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	2 875	6 422	6 436	6 436	5 511	5 210	5 210	5 155	5 119	5 150
Oil/Gas Steam Turbine	3 205	3 197	3 205	3 205	2 905	2 861	2 779	2 779	2 654	2 616
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	3 491	3 491	3 447	4 978	3 734	0	3 734	4 978	4 978	4 978
Biomass / Landfill Gas / Waste / CHP	1 785	1 780	1 917	2 049	2 180	2 312	2 444	2 575	2 707	2 839
Wind	174	174	1 039	2 225	3 410	4 595	5 781	6 966	8 151	9 337
Hydro / Wave / Tidal	174 798	175 369	178 667	180 935	189 825	195 269	195 713	197 072	197 310	197 440
<b>Saskatchewan Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	257	286	290	248	358	241	241	241	241	241
Oil/Gas Steam Turbine	322	347	349	302	357	240	220	216	216	216
Oil/Gas Combined Cycle	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276
Coal	12 099	12 271	12 257	11 906	11 929	10 031	9 578	8 199	7 738	7 219
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	282	282	295	308	321	334	347	361	374	387
Wind	59	59	153	248	343	438	533	628	722	817
Hydro / Wave / Tidal	3 191	3 191	3 191	3 191	3 191	3 191	3 191	3 305	3 305	3 305
<b>Yukon Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	75	79	82	84	82	78	77	73	72	69
Oil/Gas Steam Turbine	0	0	0	0	0	0	0	0	0	0
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	0	0	0	0	0	0	0	0	0	0
Wind	0	0	0	0	8	15	15	15	15	15
Hydro / Wave / Tidal	249	252	252	254	250	242	242	242	239	237

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5 546	5 546	5 546	5 108	5 386	5 141	5 115	5 056	5 009	4 905	4 895	4 895	4 895	4 895	4 895	4 895
2 258	2 205	2 207	1 894	2 039	1 825	1 792	1 750	1 326	1 326	1 326	1 326	1 326	1 326	1 326	1 326
17 153	17 514	16 763	14 443	15 061	15 490	15 259	14 840	14 514	13 793	13 480	13 342	13 093	12 202	11 859	11 027
2 635	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 286	83 921	84 901	87 739	85 782	84 476	84 401	83 335	82 555	85 672	86 975	86 817	86 004	85 828	84 813	85 407
2 279	2 345	2 411	2 477	2 543	2 608	2 674	2 740	2 806	2 872	2 938	3 003	3 069	3 135	3 201	3 267
7 121	7 643	8 164	8 686	9 207	9 729	10 250	10 772	11 293	11 815	12 336	12 858	13 380	13 901	14 423	14 944
40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	80	86	93	99	106	113	119	126	132	139	146	152	159	165	172
427	469	507	541	569	593	616	640	664	688	711	735	759	782	806	830
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 101	5 101	5 101	5 101	5 101	5 101	5 095	5 073	5 023	5 011	5 011	5 011	5 009	5 000	4 993	4 993
2 578	2 578	2 578	2 578	2 578	2 578	2 574	2 559	2 523	2 515	2 515	2 515	2 513	2 507	2 502	2 502
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978
2 970	3 102	3 234	3 366	3 497	3 629	3 761	3 892	4 024	4 156	4 287	4 419	4 551	4 683	4 814	4 946
10 522	11 707	12 892	14 078	15 263	16 448	17 634	18 819	20 004	21 190	22 375	23 608	24 888	26 215	27 590	29 013
198 340	199 018	200 729	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967
241	241	241	241	241	241	241	241	241	241	241	241	241	241	241	241
216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216
6 225	6 279	6 279	6 279	6 269	6 161	6 075	5 852	5 656	5 477	5 316	5 180	5 016	4 815	4 532	4 467
3 731	3 244	2 769	2 269	1 815	1 437	1 265	1 135	1 004	868	744	651	554	457	419	241
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400	413	426	440	453	466	479	492	505	519	532	545	558	571	585	598
912	997	1 073	1 140	1 196	1 234	1 263	1 291	1 320	1 348	1 377	1 405	1 434	1 462	1 490	1 519
3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305
70	70	71	70	72	75	75	77	76	77	77	79	80	80	81	81
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16
237	239	239	237	237	242	244	244	244	244	247	247	247	249	249	249

Table 5.9 Generation by Fuel, Triple E

<u>Triple-E</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Canada Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	338 413	342 959	347 549	358 383	369 761	376 240	376 555	379 346	380 062	380 169
Wind	945	1 749	4 976	8 295	10 996	13 701	16 398	19 096	21 793	24 491
Biomass / Landfill Gas / Waste	10 689	10 690	11 391	12 015	13 374	13 844	14 020	14 648	15 227	15 741
Uranium	91 402	90 853	91 920	89 706	85 566	88 651	91 667	93 501	92 864	90 079
Coal & Coke	84 978	84 159	85 062	85 973	80 061	69 948	66 532	62 470	58 768	54 588
Natural Gas	38 830	45 163	45 916	47 176	50 621	53 307	53 630	51 599	54 789	56 849
Oil	14 982	15 731	17 062	18 103	16 257	17 037	16 897	14 967	14 960	15 562
<b>Alberta Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	1 896	1 896	1 896	2 335	2 335	2 335	2 335	2 335	2 335	2 335
Wind	586	586	894	1 202	1 510	1 819	2 127	2 435	2 743	3 051
Biomass / Landfill Gas / Waste	1 705	1 705	1 804	1 837	2 531	2 389	1 952	1 969	2 002	2 035
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	41 491	41 400	40 016	37 733	37 319	38 037	37 156	35 058	33 680	31 912
Natural Gas	16 208	18 456	18 456	19 053	19 900	19 691	19 651	19 650	20 247	20 247
Oil	45	45	1 450	1 450	1 450	1 450	2 152	2 749	2 749	3 346
<b>British Columbia Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	57 210	58 898	60 014	60 209	60 995	61 533	61 533	61 533	61 941	61 941
Wind	0	0	163	328	498	664	830	996	1 162	1 328
Biomass / Landfill Gas / Waste	3 512	3 511	3 735	3 943	4 259	4 522	4 786	5 049	5 247	5 378
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	4 866	4 823	5 029	3 994	3 203	3 407	3 376	3 822	3 923	4 002
Oil	102	102	104	93	82	82	82	82	82	82
<b>Manitoba Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	18 910	21 118	21 227	29 120	29 120	29 120	29 120	30 524	30 524	30 524
Wind	0	0	119	332	498	664	830	996	1 162	1 328
Biomass / Landfill Gas / Waste	55	62	86	153	186	219	252	285	318	351
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	569	778	326	326	326	326	326
Natural Gas	0	0	0	189	189	95	95	95	189	189
Oil	6	7	7	20	20	20	20	14	14	14





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<b>New Brunswick Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802
Wind	0	0	95	190	285	379	474	569	664	759
Biomass / Landfill Gas / Waste	904	904	937	970	1 003	1 036	1 069	1 102	1 134	1 167
Uranium	4 550	4 702	4 524	3 761	0	3 456	4 280	4 199	4 132	4 062
Coal & Coke	3 073	3 101	3 101	3 295	3 101	3 101	2 822	2 550	2 462	2 361
Natural Gas	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598
Oil	2 527	3 028	2 679	4 152	4 022	5 104	4 621	3 739	3 661	3 655
<b>Newfoundland and Labrador Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	40 353	40 403	40 471	40 415	40 401	40 248	40 117	40 031	40 104	40 083
Wind	0	0	12	12	24	36	47	59	71	82
Biomass / Landfill Gas / Waste	0	0	33	66	99	132	164	196	229	262
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	228	229	232	231	228	224	222	221	223	224
Oil	2 378	2 553	2 813	2 725	2 437	2 042	1 801	1 702	1 949	1 996
<b>Nova Scotia Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	966	966	966	966	966	966	966	966	966	966
Wind	111	111	194	194	277	360	443	526	609	692
Biomass / Landfill Gas / Waste	423	423	456	489	522	555	588	621	654	687
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	6 482	6 633	6 533	7 462	7 005	5 987	5 823	7 149	7 011	6 858
Natural Gas	91	108	104	132	132	91	91	91	50	50
Oil	2 930	2 972	2 963	2 541	2 374	2 849	2 823	1 356	1 347	1 353
<b>Nunavut Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
Wind	0	0	0	0	10	28	47	66	85	104
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	213	229	237	248	247	237	229	214	204	192
<b>Northwest Territories Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	287	287	287	287	287	287	287	287	287	287
Wind	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	397	416	417	414	411	409	407	421	428	419

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2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802
853	948	1 043	1 138	1 233	1 328	1 422	1 517	1 612	1 707	1 802	1 897	1 991	2 086	2 181	2 276
1 200	1 233	1 266	1 299	1 332	1 365	1 398	1 431	1 464	1 497	1 530	1 562	1 595	1 628	1 661	1 694
4 015	3 977	3 915	3 835	3 766	3 956	3 894	3 831	3 752	9 386	9 386	9 386	9 386	9 386	9 386	9 197
2 296	2 241	2 151	2 043	1 940	2 095	2 006	1 908	1 797	1 605	1 605	1 493	1 456	1 381	1 293	988
1 598	1 598	2 040	2 003	2 057	1 856	1 808	1 754	1 708	1 849	1 793	1 667	1 638	1 777	1 719	1 663
3 610	3 825	3 997	4 015	3 977	4 038	3 974	3 899	3 791	548	473	317	249	10	10	10
52 186	52 137	52 062	51 970	51 864	51 759	51 663	51 570	51 458	51 354	51 214	51 110	51 115	50 967	50 789	50 650
95	107	118	130	142	153	165	176	188	199	211	222	233	245	256	267
296	329	362	394	426	458	490	522	554	586	618	649	681	712	744	775
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
223	222	221	219	218	733	637	538	430	355	318	300	208	205	201	198
1 923	1 808	1 659	1 502	1 342	684	663	643	617	596	574	560	500	493	484	478
966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
775	850	916	974	1 024	1 065	1 107	1 148	1 190	1 231	1 273	1 314	1 356	1 397	1 439	1 480
720	753	786	818	851	884	917	950	983	1 016	1 049	1 082	1 115	1 148	1 181	1 214
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 247	6 731	5 406	5 278	2 017	1 720	1 569	1 414	302	222	155	72	42	18	5	0
651	1 075	2 304	2 231	5 228	5 202	5 167	5 133	6 043	5 915	5 803	5 751	5 609	5 483	5 326	5 178
129	299	143	85	14	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	133	133	142	151	157	163	163	163	163	168	168	171	171	176	176
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	173	179	176	176	179	180	182	183	186	183	184	188	189	186	187
287	287	287	287	287	287	287	287	287	287	287	287	287	287	287	287
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
418	418	413	406	400	400	399	394	388	382	378	375	373	364	362	357

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<b>Ontario Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	37 751	37 777	37 777	37 868	39 590	40 249	40 249	40 249	40 249	40 249
Wind	16	819	2 259	3 470	3 992	4 514	5 035	5 557	6 078	6 600
Biomass / Landfill Gas / Waste	2 207	2 207	2 306	2 372	2 438	2 504	2 569	2 635	2 701	2 767
Uranium	83 361	82 659	83 949	80 967	81 833	85 195	83 654	84 323	83 753	81 039
Coal & Coke	21 834	20 755	23 155	25 008	19 929	12 466	10 828	9 189	7 550	5 912
Natural Gas	11 776	12 284	12 815	14 387	17 613	20 676	21 095	18 623	21 059	23 039
Oil	166	166	166	166	166	166	166	166	166	166
<b>Prince Edward Island Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
Wind	0	0	47	95	142	190	237	285	332	379
Biomass / Landfill Gas / Waste	0	0	7	13	20	26	33	40	46	53
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	86	86	86	153	132	112	112	99	99	86
<b>Quebec Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	174 798	175 369	178 667	180 935	189 825	195 269	195 713	197 072	197 310	197 440
Wind	174	174	1 039	2 225	3 410	4 595	5 781	6 966	8 151	9 337
Biomass / Landfill Gas / Waste	1 601	1 596	1 733	1 864	1 996	2 128	2 259	2 391	2 523	2 654
Uranium	3 491	3 491	3 447	4 978	3 734	0	3 734	4 978	4 978	4 978
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	232	3 781	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793
Oil	6 032	6 022	6 032	6 032	4 808	4 463	4 381	4 326	4 165	4 158
<b>Saskatchewan Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	3 191	3 191	3 191	3 191	3 191	3 191	3 191	3 305	3 305	3 305
Wind	59	59	153	248	343	438	533	628	722	817
Biomass / Landfill Gas / Waste	282	282	295	308	321	334	347	361	374	387
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	12 099	12 271	12 257	11 906	11 929	10 031	9 578	8 199	7 738	7 219
Natural Gas	3 830	3 884	3 890	3 800	3 966	3 732	3 711	3 707	3 707	3 707
Oil	26	26	26	26	26	26	26	26	26	26
<b>Yukon Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	249	252	252	254	250	242	242	242	239	237
Wind	0	0	0	0	8	15	15	15	15	15
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	75	79	82	84	82	78	77	73	72	69

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40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249
7 121	7 643	8 164	8 686	9 207	9 729	10 250	10 772	11 293	11 815	12 336	12 858	13 380	13 901	14 423	14 944
2 833	2 899	2 965	3 030	3 096	3 162	3 228	3 294	3 360	3 425	3 491	3 557	3 623	3 689	3 755	3 821
81 286	83 921	84 901	87 739	85 782	84 476	84 401	83 335	82 555	85 672	86 975	86 817	86 004	85 828	84 813	85 407
2 635	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 238	24 545	23 797	20 725	21 767	21 736	21 447	20 927	20 129	19 305	18 981	18 843	18 595	17 703	17 361	16 529
166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
427	469	507	541	569	593	616	640	664	688	711	735	759	782	806	830
59	66	72	79	86	92	99	105	112	119	125	132	138	145	152	158
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
198 340	199 018	200 728	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967	200 967
10 522	11 707	12 892	14 078	15 263	16 448	17 634	18 819	20 004	21 190	22 375	23 608	24 888	26 215	27 590	29 013
2 786	2 918	3 050	3 181	3 313	3 445	3 576	3 708	3 840	3 971	4 103	4 235	4 367	4 498	4 630	4 762
4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793
4 071	4 071	4 071	4 071	4 071	4 071	4 061	4 023	3 938	3 917	3 917	3 917	3 913	3 899	3 887	3 887
3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305
912	997	1 073	1 140	1 196	1 234	1 263	1 291	1 320	1 348	1 377	1 405	1 434	1 462	1 490	1 519
400	413	426	440	453	466	479	492	505	519	532	545	558	571	585	598
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 731	3 244	2 769	2 269	1 815	1 437	1 265	1 135	1 004	868	744	651	554	457	419	241
6 655	6 710	6 710	6 710	6 700	6 592	6 506	6 283	6 087	5 908	5 747	5 611	5 447	5 246	4 962	4 897
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
237	239	239	237	237	242	244	244	244	244	247	247	247	249	249	249
15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	70	71	70	72	75	75	77	76	77	77	79	80	80	81	81

Table 5.10 Interchange, Triple E

<u>Triple-E</u>		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Alberta</b>											
British Columbia	Sales to British Columbia	3 073	2 283	2 810	2 512	2 878	3 138	3 099	1 904	1 760	1 760
	Sales to Alberta	0	1 098	1 098	1 052	1 908	935	1 139	121	428	506
	Net Out-Flow	3 073	1 185	1 712	1 460	970	2 203	1 960	1 783	1 332	1 254
SK	Sales to Saskatchewan	1 010	1 098	1 098	1 098	1 317	1 198	1 312	1 317	1 317	1 317
	Sales to Alberta	0	0	0	0	0	0	0	0	0	0
	Net Out-Flow	1 010	1 098	1 098	1 098	1 317	1 198	1 312	1 317	1 317	1 317
United States	Exports to United States	0	0	0	0	0	0	0	0	0	0
	Imports from United States	0	0	0	0	0	0	0	0	0	0
	Net Exports	0	0	0	0	0	0	0	0	0	0
Total	Out	4 083	3 381	3 908	3 610	4 195	4 336	4 411	3 221	3 077	3 077
	In	0	1 098	1 098	1 052	1 908	935	1 139	121	428	506
	Net Out	4 083	2 283	2 810	2 558	2 287	3 401	3 272	3 100	2 649	2 571
<b>British Columbia</b>											
Alberta	Sales to Alberta	0	1 098	1 098	1 052	1 908	935	1 139	121	428	506
	Sales to British Columbia	3 073	2 283	2 810	2 512	2 878	3 138	3 099	1 904	1 760	1 760
	Net Out-Flow	-3 073	-1 185	-1 712	-1 460	-970	-2 203	-1 960	-1 783	-1 332	-1 254
United States	Exports to United States	3 073	1 844	3 249	2 894	2 316	3 889	3 926	5 466	5 080	5 417
	Imports from United States	527	263	88	88	88	0	0	149	59	10
	Net Exports	2 546	1 581	3 161	2 806	2 228	3 889	3 926	5 317	5 021	5 407
Total	Out	3 073	2 942	4 347	3 946	4 224	4 824	5 065	5 587	5 508	5 923
	In	3 600	2 546	2 898	2 600	2 966	3 138	3 099	2 053	1 819	1 770
	Net Out	-527	396	1 449	1 346	1 258	1 686	1 966	3 534	3 689	4 153
<b>Manitoba</b>											
SK	Sales to Saskatchewan	0	0	6	0	791	526	526	737	737	737
	Sales to Manitoba	2 063	2 107	2 107	826	1 232	35	35	14	14	14
	Net Out-Flow	-2 063	-2 107	-2 101	-826	-441	491	491	723	723	723
Ontario	Sales to Ontario Hydro	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
	Sales to Manitoba	1 756	0	0	1 229	1 756	1 135	746	1 200	1 272	1 238
	Net Out-Flow	878	2 634	2 634	1 405	878	1 499	1 888	1 434	1 362	1 396
United States	Exports to United States	11 151	10 273	10 185	9 437	9 710	7 953	7 682	9 433	9 861	10 105
	Imports from United States	0	0	0	0	0	0	0	0	0	0
	Net Exports	11 151	10 273	10 185	9 437	9 710	7 953	7 682	9 433	9 861	10 105
Total	Out	13 785	12 907	12 825	12 071	13 135	11 113	10 842	12 804	13 232	13 476
	In	3 819	2 107	2 107	2 055	2 988	1 170	781	1 214	1 286	1 252
	Net Out	9 966	10 800	10 718	10 016	10 147	9 943	10 061	11 590	11 946	12 224

<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
1 760	1 760	1 760	1 886	1 760	1 760	1 760	3 300	2 763	2 237	1 879	1 760	1 760	2 246	1 782	1 760
813	699	645	99	389	564	556	0	0	0	33	151	565	0	111	512
947	1 061	1 115	1 787	1 371	1 196	1 204	3 300	2 763	2 237	1 846	1 609	1 195	2 246	1 671	1 248
1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 077	3 077	3 077	3 203	3 077	3 077	3 077	4 617	4 080	3 554	3 196	3 077	3 077	3 563	3 099	3 077
813	699	645	99	389	564	556	0	0	0	33	151	565	0	111	512
2 264	2 378	2 432	3 104	2 688	2 513	2 521	4 617	4 080	3 554	3 163	2 926	2 512	3 563	2 988	2 565
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
813	699	645	99	389	564	556	0	0	0	33	151	565	0	111	512
1 760	1 760	1 760	1 886	1 760	1 760	1 760	3 300	2 763	2 237	1 879	1 760	1 760	2 246	1 782	1 760
-947	-1 061	-1 115	-1 787	-1 371	-1 196	-1 204	-3 300	-2 763	-2 237	-1 846	-1 609	-1 195	-2 246	-1 671	-1 248
5 364	5 368	5 785	11 580	11 816	11 879	12 303	15 099	15 421	15 729	15 949	16 062	16 275	18 379	18 714	18 934
0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 364	5 334	5 785	11 580	11 816	11 879	12 303	15 099	15 421	15 729	15 949	16 062	16 275	18 379	18 714	18 934
6 177	6 067	6 430	11 679	12 205	12 443	12 859	15 099	15 421	15 729	15 982	16 213	16 840	18 379	18 825	19 446
1 760	1 794	1 760	1 886	1 760	1 760	1 760	3 300	2 763	2 237	1 879	1 760	1 760	2 246	1 782	1 760
4 417	4 273	4 670	9 793	10 445	10 683	11 099	11 799	12 658	13 492	14 103	14 453	15 080	16 133	17 043	17 686
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
737	737	737	737	737	737	737	737	737	737	737	737	737	700	747	696
14	14	14	14	14	5	5	7	14	14	14	14	5	5	5	5
723	723	723	723	723	732	732	730	723	723	723	723	732	695	742	691
2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
1 052	1 045	966	754	538	525	1 019	822	531	425	1 335	1 316	1 148	866	625	858
1 582	1 589	1 668	1 880	2 096	2 109	1 615	1 812	2 103	2 209	1 299	1 318	1 486	1 768	2 009	1 776
9 687	9 875	10 217	13 366	13 776	13 932	25 148	25 430	25 617	25 959	27 250	27 583	27 825	28 023	28 184	28 865
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 687	9 875	10 217	13 366	13 776	13 932	25 148	25 430	25 617	25 959	27 250	27 583	27 825	28 023	28 184	28 865
13 058	13 246	13 588	16 737	17 147	17 303	28 519	28 801	28 988	29 330	30 621	30 954	31 196	31 357	31 565	32 195
1 066	1 059	980	768	552	530	1 024	829	545	439	1 349	1 330	1 153	871	630	863
11 992	12 187	12 608	15 969	16 595	16 773	27 495	27 972	28 443	28 891	29 272	29 624	30 043	30 486	30 935	31 332

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		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>New Brunswick</b>											
Nova Scotia	Sales to Nova Scotia	309	0	0	37	148	252	295	270	265	253
	Sales to New Brunswick	16	1 054	659	1 013	491	89	103	107	91	171
	Net Out-Flow	293	-1 054	-659	-976	-343	163	192	163	174	82
Prince Edward Island	Sales to Prince Edward Island	1 110	1 124	1 074	954	928	906	866	824	772	729
	Sales to New Brunswick	0	0	0	0	0	0	0	0	0	0
	Net Out-Flow	1 110	1 124	1 074	954	928	906	866	824	772	729
Quebec	Sales to Hydro Quebec	6 014	7 814	7 112	5 609	1 663	2 307	2 540	1 659	1 703	1 931
	Sales to New Brunswick	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
	Net Out-Flow	-2 766	-966	-1 668	-3 171	-7 117	-6 473	-6 240	-7 121	-7 077	-6 849
United States	Exports to United States	3 951	3 775	3 775	3 184	2 634	6 146	6 146	6 146	6 146	6 146
	Imports from United States	0	0	0	0	0	0	0	0	0	0
	Net Exports	3 951	3 775	3 775	3 184	2 634	6 146	6 146	6 146	6 146	6 146
Total	Out	11 384	12 713	11 961	9 784	5 373	9 611	9 847	8 899	8 886	9 059
	In	8 796	9 834	9 439	9 793	9 271	8 869	8 883	8 887	8 871	8 951
	Net Out	2 588	2 879	2 522	-9	-3 898	742	964	12	15	108
<b>Newfoundland and Labrador</b>											
Quebec	Sales to Hydro Quebec	32 267	32 328	32 328	32 328	32 432	32 474	32 486	32 486	32 486	32 486
	Sales to Labrador	0	3	6	0	1	0	0	0	0	0
	Net Out-Flow	32 267	32 325	32 322	32 328	32 431	32 474	32 486	32 486	32 486	32 486
<b>Nova Scotia</b>											
New Brunswick	Sales to New Brunswick	16	1 054	659	1 013	491	89	103	107	91	171
	Sales to Nova Scotia	309	0	0	37	148	252	295	270	265	253
	Net Out-Flow	-293	1 054	659	976	343	-163	-192	-163	-174	-82
<b>Ontario</b>											
Manitoba	Sales to Manitoba	1 756	0	0	1 229	1 756	1 135	746	1 200	1 272	1 238
	Sales to Ontario Hydro	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
	Net Out-Flow	-878	-2 634	-2 634	-1 405	-878	-1 499	-1 888	-1 434	-1 362	-1 396
Quebec	Sales to Hydro Quebec	878	878	878	878	1 864	3 237	2 632	1 949	1 909	1 189
	Sales to Ontario Hydro	0	0	0	0	3 158	4 918	6 863	7 895	7 895	7 895
	Net Out-Flow	878	878	878	878	-1 294	-1 681	-4 231	-5 946	-5 986	-6 706
United States	Exports to United States	878	439	386	878	878	878	631	654	649	632
	Imports from United States	0	0	0	0	0	0	0	1 053	961	1 053
	Net Exports	878	439	386	878	878	878	631	-399	-312	-421
Total	Out	3 512	1 317	1 264	2 985	4 498	5 250	4 009	3 803	3 830	3 059
	In	2 634	2 634	2 634	2 634	5 792	7 552	9 497	11 582	11 490	11 582
	Net Out	878	-1 317	-1 370	351	-1 294	-2 302	-5 488	-7 779	-7 660	-8 523

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<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
295	295	295	295	295	351	351	351	351	351	351	351	351	331	332	322
139	349	290	253	120	0	0	0	0	0	0	0	0	3	0	3
156	-54	5	42	175	351	351	351	351	351	351	351	351	328	332	319
684	638	593	553	516	488	466	441	419	398	377	355	333	318	306	294
0	0	0	0	0	2	14	23	32	41	50	59	68	89	107	125
684	638	593	553	516	486	452	418	387	357	327	296	265	229	199	169
1 905	2 402	3 085	3 201	3 253	3 520	3 520	3 520	3 520	6 189	6 350	6 172	6 336	6 525	6 706	6 471
8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
-6 875	-6 378	-5 695	-5 579	-5 527	-5 260	-5 260	-5 260	-5 260	-2 591	-2 430	-2 608	-2 444	-2 255	-2 074	-2 309
6 146	6 137	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 146	6 137	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146
9 030	9 472	10 119	10 195	10 210	10 505	10 483	10 458	10 436	13 084	13 224	13 024	13 166	13 320	13 490	13 233
8 919	9 129	9 070	9 033	8 900	8 782	8 794	8 803	8 812	8 821	8 830	8 839	8 848	8 872	8 887	8 908
111	343	1 049	1 162	1 310	1 723	1 689	1 655	1 624	4 263	4 394	4 185	4 318	4 448	4 603	4 325
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
44 671	44 720	44 751	44 770	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 671	44 720	44 751	44 770	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778
2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
139	349	290	253	120	0	0	0	0	0	0	0	0	3	0	3
295	295	295	295	295	351	351	351	351	351	351	351	351	331	332	322
-156	54	-5	-42	-175	-351	-351	-351	-351	-351	-351	-351	-351	-328	-332	-319
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
1 052	1 045	966	754	538	525	1 019	822	531	425	1 335	1 316	1 148	866	625	858
2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
-1 582	-1 589	-1 668	-1 880	-2 096	-2 109	-1 615	-1 812	-2 103	-2 209	-1 299	-1 318	-1 486	-1 768	-2 009	-1 776
1 171	1 162	1 185	1 371	1 968	1 543	1 643	1 809	2 046	2 421	2 504	2 504	2 504	2 504	2 641	3 468
9 706	9 437	8 971	8 489	8 348	8 596	8 607	8 724	9 026	6 673	5 486	6 057	5 583	4 513	4 317	4 370
-8 535	-8 275	-7 786	-7 118	-6 380	-7 053	-6 964	-6 915	-6 980	-4 252	-2 982	-3 553	-3 079	-2 009	-1 676	-902
526	526	526	641	553	526	526	526	581	667	667	667	667	723	823	878
1 053	1 141	1 053	1 053	1 053	1 153	1 142	1 114	1 061	525	525	0	0	204	0	0
-527	-615	-527	-412	-500	-627	-616	-588	-480	142	142	667	667	519	823	878
2 749	2 733	2 677	2 766	3 059	2 594	3 188	3 157	3 158	3 513	4 506	4 487	4 319	4 093	4 089	5 204
13 393	13 212	12 658	12 176	12 035	12 383	12 383	12 472	12 721	9 832	8 645	8 691	8 217	7 351	6 951	7 004
-10 644	-10 479	-9 981	-9 410	-8 976	-9 789	-9 195	-9 315	-9 563	-6 319	-4 139	-4 204	-3 898	-3 258	-2 862	-1 800



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		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Prince Edward Island</b>											
New Brunswick	Sales to New Brunswick	0	0	0	0	0	0	0	0	0	0
	Sales to Prince Edward Island	1 110	1 124	1 074	954	928	906	866	824	772	729
	Net Out-Flow	-1 110	-1 124	-1 074	-954	-928	-906	-866	-824	-772	-729
<b>Quebec</b>											
New Brunswick	Sales to New Brunswick	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
	Sales to Hydro Quebec	6 014	7 814	7 112	5 609	1 663	2 307	2 540	1 659	1 703	1 931
	Net Out-Flow	2 766	966	1 668	3 171	7 117	6 473	6 240	7 121	7 077	6 849
Newfoundland and Labrador	Sales to Labrador	0	3	6	0	1	0	0	0	0	0
	Sales to Hydro Quebec	32 267	32 328	32 328	32 328	32 432	32 474	32 486	32 486	32 486	32 486
	Net Out-Flow	-32 267	-32 325	-32 322	-32 328	-32 431	-32 474	-32 486	-32 486	-32 486	-32 486
Ontario	Sales to Ontario Hydro	0	0	0	0	3 158	4 918	6 863	7 895	7 895	7 895
	Sales to Hydro Quebec	878	878	878	878	1 864	3 237	2 632	1 949	1 909	1 189
	Net Out-Flow	-878	-878	-878	-878	1 294	1 681	4 231	5 946	5 986	6 706
United States	Exports to United States	7 287	11 414	11 414	11 414	12 793	12 886	13 076	14 135	14 742	14 996
	Imports from United States	1 185	966	659	659	0	0	0	0	0	0
	Net Exports	6 102	10 448	10 755	10 755	12 793	12 886	13 076	14 135	14 742	14 996
Total	Out	16 067	20 197	20 200	20 194	24 732	26 584	28 719	30 810	31 417	31 671
	In	40 344	41 986	40 977	39 474	35 959	38 018	37 658	36 094	36 098	35 606
	Net Out	-24 277	-21 789	-20 777	-19 280	-11 227	-11 434	-8 939	-5 284	-4 681	-3 935
<b>Saskatchewan</b>											
Alberta	Sales to Alberta	0	0	0	0	0	0	0	0	0	0
	Sales to Saskatchewan	1 010	1 098	1 098	1 098	1 317	1 198	1 312	1 317	1 317	1 317
	Net Out-Flow	-1 010	-1 098	-1 098	-1 098	-1 317	-1 198	-1 312	-1 317	-1 317	-1 317
Manitoba	Sales to Manitoba	2 063	2 107	2 107	826	1 232	35	35	14	14	14
	Sales to Saskatchewan	0	0	6	0	791	526	526	737	737	737
	Net Out-Flow	2 063	2 107	2 101	826	441	-491	-491	-723	-723	-723
United States	Exports to United States	1 317	1 201	1 198	1 229	1 317	528	528	212	212	212
	Imports from United States	0	0	0	0	0	263	263	368	368	368
	Net Exports	1 317	1 201	1 198	1 229	1 317	265	265	-156	-156	-156
Total	Out	3 380	3 308	3 305	2 055	2 549	563	563	226	226	226
	In	1 010	1 098	1 104	1 098	2 108	1 987	2 101	2 422	2 422	2 422
	Net Out	2 370	2 210	2 201	957	441	-1 424	-1 538	-2 196	-2 196	-2 196
<b>Canada Total</b>											
	In-Flows	59 909	61 199	60 588	58 949	61 980	62 564	64 055	61 897	62 063	61 640
	Out-Flows	59 909	61 199	60 588	58 949	61 980	62 564	64 055	61 897	62 063	61 640
	Exports	27 657	29 369	30 572	29 915	30 525	32 975	32 541	36 635	37 283	38 039
	Imports	1 712	1 229	746	746	88	263	263	2 223	1 913	2 484
	Net Exports	25 945	28 139	29 825	29 169	30 437	32 712	32 278	34 412	35 370	35 554

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<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
0	0	0	0	0	2	14	23	32	41	50	59	68	89	107	125
684	638	593	553	516	488	466	441	419	398	377	355	333	318	306	294
-684	-638	-593	-553	-516	-486	-452	-418	-387	-357	-327	-296	-265	-229	-199	-169
2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
1 905	2 402	3 085	3 201	3 253	3 520	3 520	3 520	3 520	6 189	6 350	6 172	6 336	6 525	6 706	6 471
6 875	6 378	5 695	5 579	5 527	5 260	5 260	5 260	5 260	2 591	2 430	2 608	2 444	2 255	2 074	2 309
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 671	44 720	44 751	44 770	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778	44 778
-44 671	-44 720	-44 751	-44 770	-44 778	-44 778	-44 778	-44 778	-44 778	-44 778	-44 778	-44 778	-44 778	-44 778	-44 778	-44 778
9 706	9 437	8 971	8 489	8 348	8 596	8 607	8 724	9 026	6 673	5 486	6 057	5 583	4 513	4 317	4 370
1 171	1 162	1 185	1 371	1 968	1 543	1 643	1 809	2 046	2 421	2 504	2 504	2 504	2 504	2 641	3 468
8 535	8 275	7 786	7 118	6 380	7 053	6 964	6 915	6 980	4 252	2 982	3 553	3 079	2 009	1 676	902
24 554	24 264	27 941	31 478	34 606	34 429	35 265	37 155	40 150	48 294	51 341	51 192	54 048	59 115	63 439	66 386
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 554	24 264	27 941	31 478	34 606	34 429	35 265	37 155	40 150	48 294	51 341	51 192	54 048	59 115	63 439	66 386
43 040	42 481	45 692	48 747	51 734	51 805	52 652	54 659	57 956	63 747	65 607	66 029	68 411	72 408	76 536	79 536
47 747	48 284	49 021	49 342	49 999	49 841	49 941	50 107	50 344	53 388	53 632	53 454	53 618	53 807	54 125	54 717
-4 707	-5 803	-3 329	-595	1 735	1 964	2 711	4 552	7 612	10 359	11 975	12 575	14 793	18 601	22 411	24 819
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317
-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317
14	14	14	14	14	5	5	7	14	14	14	14	5	5	5	5
737	737	737	737	737	737	737	737	737	737	737	737	737	700	747	696
-723	-723	-723	-723	-723	-732	-732	-730	-723	-723	-723	-723	-732	-695	-742	-691
212	212	212	212	212	125	159	201	212	212	212	212	212	187	212	80
368	368	368	368	368	368	368	368	368	368	368	358	319	316	316	200
-156	-156	-156	-156	-156	-243	-209	-167	-156	-156	-156	-146	-107	-129	-104	-120
226	226	226	226	226	130	164	208	226	226	226	226	217	192	217	85
2 422	2 422	2 422	2 422	2 422	2 422	2 422	2 422	2 422	2 422	2 422	2 412	2 373	2 333	2 380	2 213
-2 196	-2 196	-2 196	-2 196	-2 196	-2 292	-2 258	-2 214	-2 196	-2 196	-2 196	-2 186	-2 156	-2 141	-2 163	-2 128
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
75 678	75 988	76 022	75 152	75 447	75 599	76 186	77 243	76 948	76 995	76 624	76 985	76 899	75 610	75 189	76 394
75 678	75 988	76 022	75 152	75 447	75 599	76 186	77 243	76 948	76 995	76 624	76 985	76 899	75 610	75 189	76 394
47 015	46 908	51 353	63 949	67 635	67 564	80 072	85 082	88 654	97 587	102 165	102 486	105 841	113 346	118 290	122 167
2 636	3 240	2 787	2 608	2 882	3 158	3 137	3 092	2 664	1 419	1 419	358	319	520	316	200
44 379	43 669	48 566	61 341	64 752	64 406	76 935	81 990	85 990	96 168	100 747	102 128	105 522	112 826	117 975	121 966

**Table 5.11 Capacity by Plant Type, Fortified Islands**

Fortified Islands	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Canada Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	5 361	6 188	6 920	7 117	7 214	7 328	7 561	7 739	8 246	8 339
Oil/Gas Steam Turbine	8 005	7 345	7 345	7 345	7 345	7 509	7 434	6 612	6 455	6 297
Oil/Gas Combined Cycle	4 821	4 911	4 911	7 471	7 691	7 691	8 374	8 984	9 234	9 484
Coal	17 404	16 256	16 256	16 309	15 373	13 912	13 572	13 489	12 999	12 205
Nuclear	13 345	13 345	13 345	13 345	14 170	14 995	14 995	14 995	14 995	14 995
Biomass / Landfill Gas / Waste / CHP	1 658	1 658	1 751	1 839	1 937	2 035	2 133	2 231	2 319	2 397
Wind	494	800	2 121	3 492	4 634	5 778	6 916	8 054	9 192	10 330
Hydro / Wave / Tidal	71 757	72 397	72 979	73 599	74 377	74 908	74 920	76 188	76 653	76 653
<b>Alberta Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	1 506	1 826	2 071	2 256	2 341	2 441	2 666	2 836	2 921	3 006
Oil/Gas Steam Turbine	1 166	506	506	506	506	360	285	285	285	285
Oil/Gas Combined Cycle	1 714	1 714	1 714	1 714	1 714	1 714	1 714	1 714	1 714	1 714
Coal	6 107	6 107	6 107	6 160	6 213	6 266	6 416	6 472	6 472	6 168
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	203	203	218	223	228	233	238	243	248	253
Wind	275	275	405	535	665	795	925	1 055	1 185	1 315
Hydro / Wave / Tidal	879	879	879	979	979	979	979	979	979	979
<b>British Columbia Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	260	260	260	260	260	260	260	260	260	260
Oil/Gas Steam Turbine	1 093	1 093	1 093	1 093	1 093	1 093	1 093	935	778	620
Oil/Gas Combined Cycle	293	293	293	293	293	293	293	543	793	1 043
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	555	555	575	605	645	685	725	765	795	815
Wind	0	0	70	140	210	280	350	420	490	560
Hydro / Wave / Tidal	12 420	12 818	12 818	12 818	12 818	12 926	12 926	12 926	13 391	13 391
<b>Manitoba Generating Capacity by Plant Type (MW)</b>										
Oil/Gas Combustion Turbine	384	384	384	384	384	384	384	384	384	384
Oil/Gas Steam Turbine	0	0	0	0	0	0	0	0	0	0
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	98	98	98	98	98	98	98	98	98	98
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	22	22	27	32	37	42	47	52	57	62
Wind	0	0	70	140	210	280	350	420	490	560
Hydro / Wave / Tidal	5 029	5 029	5 029	5 029	5 029	5 029	5 029	5 229	5 229	5 229

















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<u>Fortified Islands</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>New Brunswick Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	928	928	928	928	928	928	928	928	928	928
Wind	0	0	40	80	120	160	200	240	280	320
Biomass / Landfill Gas / Waste	160	160	165	170	175	180	185	190	195	200
Uranium	680	680	680	680	680	680	680	680	680	680
Coal & Coke	541	541	541	541	541	541	541	480	480	480
Natural Gas	260	260	260	260	260	260	260	260	260	260
Oil	1 864	1 864	1 864	1 864	1 864	1 864	1 864	1 851	1 851	1 851
<b>Newfoundland and Labrador Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	6 778	6 778	6 778	6 778	6 778	6 778	6 778	6 778	6 778	6 778
Wind	0	0	5	5	10	15	20	25	30	35
Biomass / Landfill Gas / Waste	0	0	5	10	15	20	25	30	35	40
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	43	43	43	43	43	43	43	43	43	43
Oil	676	676	676	676	676	676	676	696	696	696
<b>Nova Scotia Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	408	408	408	408	408	408	408	408	408	408
Wind	55	55	90	125	160	195	230	265	300	335
Biomass / Landfill Gas / Waste	69	69	74	79	84	89	94	99	104	109
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	1 280	1 280	1 280	1 280	1 280	1 280	1 280	1 524	1 524	1 524
Natural Gas	98	98	98	98	98	98	98	98	98	98
Oil	554	554	554	554	554	554	554	375	375	375
<b>Nunavut Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
Wind	0	0	0	2	10	18	26	34	42	50
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	54	54	56	64	72	80	88	96	104	112
<b>Northwest Territories Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	59	59	59	59	59	59	59	59	59	59
Wind	0	0	0	0	0	2	2	2	2	2
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	24	24	24	24	24	24	24	24	24	24
Oil	138	138	138	138	138	140	140	140	140	140



<u>Fortified Islands</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Ontario Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	8 444	8 450	8 450	8 470	8 701	8 851	8 851	8 851	8 851	8 851
Wind	15	320	866	1 326	1 546	1 766	1 986	2 206	2 426	2 646
Biomass / Landfill Gas / Waste	392	392	407	417	427	437	447	457	467	477
Uranium	11 990	11 990	11 990	11 990	12 815	13 640	13 640	13 640	13 640	13 640
Coal & Coke	7 589	6 441	6 441	6 441	5 452	3 938	3 448	2 958	2 468	1 978
Natural Gas	4 936	5 026	5 511	8 071	8 291	8 601	9 284	9 284	9 698	9 698
Oil	108	108	108	108	108	108	108	108	108	108
<b>Prince Edward Island Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
Wind	14	14	34	54	74	94	114	134	154	174
Biomass / Landfill Gas / Waste	0	0	1	2	3	4	5	6	7	8
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	169	169	169	169	169	169	169	169	169	169
<b>Quebec Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	35 882	36 119	36 701	37 201	37 748	38 021	38 033	39 076	39 076	39 076
Wind	113	113	478	978	1 478	1 978	2 478	2 978	3 478	3 978
Biomass / Landfill Gas / Waste	274	274	294	314	334	354	374	394	414	434
Uranium	675	675	675	675	675	675	675	675	675	675
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	31	538	538	538	538	538	538	538	538	538
Oil	1 620	1 620	1 620	1 620	1 620	1 620	1 620	1 620	1 620	1 620
<b>Saskatchewan Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	853	853	853	853	853	853	853	878	878	878
Wind	22	22	62	102	142	182	222	262	302	342
Biomass / Landfill Gas / Waste	63	63	65	67	69	71	73	75	77	79
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	1 790	1 790	1 790	1 790	1 790	1 790	1 790	1 958	1 958	1 958
Natural Gas	1 060	1 060	1 060	1 060	1 060	1 060	1 060	928	928	928
Oil	11	11	11	11	11	11	11	11	11	11
<b>Yukon Generating Capacity by Primary Fuel (MW)</b>										
Hydro / Wave / Tidal	77	77	77	77	77	77	77	77	77	77
Wind	1	1	1	5	9	13	13	13	13	13
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	45	45	45	49	53	57	57	57	57	57



Table 5.13 Generation by Plant Type, Fortified Islands

<u>Fortified Islands</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Canada Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	16 079	21 798	23 899	23 425	23 317	23 098	24 472	25 550	29 052	29 872
Oil/Gas Steam Turbine	18 460	19 908	19 417	17 502	16 883	17 994	17 328	13 940	13 650	14 252
Oil/Gas Combined Cycle	24 441	25 073	25 542	29 612	30 773	31 598	32 403	33 718	34 076	35 329
Coal	90 891	88 449	88 964	85 932	78 320	70 615	67 625	65 318	63 572	61 340
Nuclear	93 663	93 569	94 471	89 944	84 192	84 465	89 167	91 257	90 847	87 880
Biomass / Landfill Gas / Waste / CHP	9 337	9 337	9 948	10 526	11 169	11 812	12 454	13 091	13 669	14 181
Wind	945	1 749	5 025	8 395	11 099	13 808	16 504	19 199	21 897	24 593
Hydro / Wave / Tidal	350 693	353 691	356 631	359 605	369 251	374 838	374 836	379 508	380 347	380 430
<b>Alberta Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	7 236	9 398	10 719	11 110	11 550	11 414	12 932	14 126	14 723	15 320
Oil/Gas Steam Turbine	1 856	1 604	1 601	1 601	1 597	1 540	1 530	1 528	1 528	1 528
Oil/Gas Combined Cycle	9 981	9 981	9 912	9 698	9 698	9 539	9 073	9 037	9 037	9 037
Coal	42 968	40 353	39 203	37 824	37 295	37 802	37 145	34 922	35 222	35 209
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	1 320	1 320	1 419	1 452	1 485	1 518	1 551	1 584	1 617	1 649
Wind	586	586	894	1 202	1 510	1 819	2 127	2 435	2 743	3 051
Hydro / Wave / Tidal	1 897	1 897	1 897	2 336	2 336	2 336	2 336	2 336	2 336	2 336
<b>British Columbia Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	1 241	1 221	1 202	1 198	1 196	1 202	1 202	1 240	1 221	1 221
Oil/Gas Steam Turbine	2 044	1 942	1 873	1 723	1 681	1 835	1 846	1 832	1 605	1 359
Oil/Gas Combined Cycle	1 176	1 176	1 176	1 176	1 176	1 176	1 176	1 791	2 169	2 513
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	2 951	2 951	3 083	3 281	3 544	3 807	4 071	4 334	4 532	4 663
Wind	0	0	166	332	498	664	830	996	1 162	1 328
Hydro / Wave / Tidal	59 223	60 995	60 995	60 995	60 995	61 533	61 533	61 533	61 941	61 941
<b>Manitoba Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	109	14	109	210	131	122	109	109	109	109
Oil/Gas Steam Turbine	0	0	0	0	0	0	0	0	0	0
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	813	813	813	569	569	569	569	813	813	813
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	88	88	120	153	186	219	252	285	318	351
Wind	0	0	166	332	498	664	830	996	1 162	1 328
Hydro / Wave / Tidal	29 120	29 120	29 120	29 120	29 120	29 120	29 120	30 524	30 524	30 524







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<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
158	158	132	112	112	112	112	112	112	112	112	112	112	112	112	112
3 616	4 065	3 346	3 394	3 489	3 504	3 517	3 487	3 461	503	503	503	503	0	0	0
1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598
2 591	2 559	3 603	3 572	3 560	3 550	3 522	3 478	3 431	2 322	2 326	2 280	2 086	2 631	2 631	2 631
4 017	3 974	3 939	3 910	3 892	3 882	3 856	3 815	3 777	9 393	9 386	9 386	9 386	8 955	8 934	8 918
1 200	1 230	1 256	1 279	1 299	1 316	1 332	1 348	1 365	1 381	1 398	1 414	1 431	1 447	1 464	1 480
853	925	972	996	1 019	1 043	1 067	1 091	1 114	1 138	1 162	1 185	1 209	1 233	1 256	1 280
2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802
970	947	1 106	1 078	978	915	880	796	742	731	724	716	707	699	691	685
725	725	725	725	725	0	0	0	0	0	0	0	0	0	0	0
1 998	1 986	2 061	2 029	1 997	2 830	2 650	2 440	2 148	1 788	1 501	1 284	1 090	894	713	552
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
276	302	332	351	367	382	394	404	414	423	433	442	450	458	466	475
88	98	108	115	121	127	131	135	138	142	146	149	152	155	158	161
52 136	52 188	52 297	52 249	52 201	52 197	52 135	52 064	51 989	51 911	51 849	51 773	51 695	51 617	51 550	51 492
301	305	300	295	237	233	230	228	174	165	154	149	142	138	124	113
83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 271	8 247	8 208	8 174	8 225	8 231	8 204	8 175	8 215	8 111	8 054	8 028	7 982	7 969	7 891	7 839
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
637	666	693	716	736	752	769	785	801	818	834	851	867	884	917	933
822	858	882	893	905	917	929	941	953	965	976	988	1 000	1 012	1 024	1 036
966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
192	202	195	198	201	208	213	214	214	210	216	212	214	218	213	214
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128	128	138	138	138	147	147	147	147	157	157	166	166	166	175	175
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
640	736	727	718	709	821	807	789	777	765	864	880	869	860	850	842
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	5	5	5	4	5	5	5	5	5	4	4	4	4	4	4
287	274	272	270	269	285	283	281	280	279	248	251	249	247	245	244

<u>Fortified Islands</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Ontario Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	1 987	1 987	2 638	2 119	2 197	2 590	2 490	2 435	5 343	5 546
Oil/Gas Steam Turbine	2 324	2 486	2 669	1 326	1 393	2 502	2 446	2 407	2 183	2 969
Oil/Gas Combined Cycle	8 410	9 042	9 580	13 864	15 025	16 009	17 280	16 163	16 105	16 993
Coal	22 526	22 526	24 277	25 121	19 252	12 466	10 828	9 189	7 550	5 912
Nuclear	83 670	83 576	84 478	81 205	80 458	81 101	81 231	82 110	81 736	78 833
Biomass / Landfill Gas / Waste / CHP	1 654	1 654	1 752	1 818	1 884	1 950	2 016	2 082	2 147	2 213
Wind	16	819	2 259	3 470	3 992	4 514	5 035	5 557	6 078	6 600
Hydro / Wave / Tidal	37 751	37 777	37 777	37 868	39 590	40 249	40 249	40 249	40 249	40 249
<b>Prince Edward Island Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	35	10	10	77	77	56	56	49	10	10
Oil/Gas Steam Turbine	63	63	63	63	63	63	63	63	63	63
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	14	14	20	27	34	40	47	53	60	67
Wind	0	0	47	95	142	190	237	285	332	379
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
<b>Quebec Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	2 448	6 009	6 009	6 009	5 588	5 388	5 388	5 388	5 388	5 388
Oil/Gas Steam Turbine	2 905	2 905	2 905	2 905	2 905	2 779	2 779	2 779	2 779	2 779
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	4 978	4 978	4 978	4 978	3 734	0	3 734	4 978	4 978	4 978
Biomass / Landfill Gas / Waste / CHP	1 785	1 785	1 917	2 049	2 180	2 312	2 444	2 575	2 707	2 839
Wind	174	174	1 039	2 225	3 410	4 595	5 781	6 966	8 151	9 337
Hydro / Wave / Tidal	174 798	175 960	178 821	181 279	189 266	193 694	193 758	197 172	197 547	197 603
<b>Saskatchewan Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	551	551	551	358	358	241	241	241	241	241
Oil/Gas Steam Turbine	357	357	357	357	357	226	216	216	216	216
Oil/Gas Combined Cycle	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276
Coal	13 622	13 636	13 614	12 046	11 853	10 630	10 246	10 390	10 104	9 696
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	282	282	295	308	321	334	347	361	374	387
Wind	59	59	153	248	343	438	533	628	722	817
Hydro / Wave / Tidal	3 191	3 191	3 191	3 191	3 191	3 191	3 191	3 305	3 305	3 305
<b>Yukon Generation by Plant Type (GWh)</b>										
Oil/Gas Combustion Turbine	75	79	82	78	75	70	70	72	70	67
Oil/Gas Steam Turbine	0	0	0	0	0	0	0	0	0	0
Oil/Gas Combined Cycle	0	0	0	0	0	0	0	0	0	0
Coal	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Biomass / Landfill Gas / Waste / CHP	0	0	0	0	0	0	0	0	0	0
Wind	0	0	0	8	15	22	22	22	22	22
Hydro / Wave / Tidal	249	252	252	248	242	238	238	238	238	236

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5 546	5 546	5 546	5 372	5 546	5 546	5 546	5 546	5 351	5 143	5 137	5 110	5 063	4 895	4 895	4 895
3 449	3 266	3 034	2 415	2 556	2 699	2 620	2 529	1 922	1 531	1 429	1 395	1 347	1 326	1 326	1 326
17 874	17 946	17 591	16 466	16 881	17 108	16 997	16 798	16 414	15 283	14 723	14 517	14 170	12 961	12 482	11 510
2 635	0	0	0	0	0	0	0	1 077	1 072	754	754	754	754	754	754
78 624	81 830	82 805	85 407	83 804	82 631	82 102	81 146	81 170	81 149	81 212	80 756	80 072	80 630	79 460	79 819
2 279	2 338	2 391	2 437	2 477	2 510	2 543	2 575	2 608	2 641	2 674	2 707	2 740	2 773	2 806	2 839
7 121	7 591	8 008	8 373	8 686	8 947	9 207	9 468	9 729	9 990	10 250	10 511	10 772	11 033	11 293	11 554
40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	79	84	89	93	96	99	103	106	109	113	116	119	123	126	129
427	469	507	541	569	593	616	640	664	688	711	735	759	782	806	830
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 388	5 388	5 388	5 388	5 388	5 388	5 388	5 388	5 388	5 388	5 388	5 388	5 388	5 267	5 252	5 267
2 852	2 900	2 779	2 779	2 779	2 779	2 779	2 779	2 779	2 779	2 779	2 779	2 779	2 779	2 779	2 779
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978
2 970	3 089	3 194	3 287	3 366	3 431	3 497	3 563	3 629	3 695	3 761	3 827	3 892	3 958	4 024	4 090
10 522	11 707	12 892	14 078	15 263	16 448	17 634	18 819	20 004	21 190	22 375	23 560	24 745	25 931	27 116	28 301
197 710	198 823	199 088	199 215	199 315	199 315	199 315	199 315	199 315	199 315	199 315	199 315	199 315	199 315	199 315	199 315
254	247	241	264	258	510	502	491	473	631	624	616	608	770	768	768
216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216
3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276	3 276
9 401	9 151	8 889	8 405	8 254	7 347	7 216	7 027	6 895	6 618	6 450	6 260	6 040	5 638	5 378	5 132
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
400	412	423	432	440	446	453	459	466	473	479	486	492	499	505	512
912	983	1 031	1 054	1 078	1 102	1 125	1 149	1 173	1 196	1 220	1 244	1 268	1 291	1 315	1 339
3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305
68	70	68	67	66	70	70	68	67	67	69	71	71	72	73	73
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23
236	236	236	233	233	236	236	236	236	236	236	238	238	238	238	241

**Table 5.14 Generation by Fuel, Fortified Islands**

<u>Fortified Islands</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Canada Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	350 692	353 690	356 630	359 605	369 251	374 837	374 836	379 508	380 347	380 430
Wind	945	1 749	5 025	8 395	11 099	13 808	16 504	19 199	21 897	24 593
Biomass / Landfill Gas / Waste	11 820	11 820	12 361	12 726	13 369	13 852	14 028	14 630	15 208	15 719
Uranium	93 663	93 569	94 471	89 945	84 192	84 465	89 167	91 257	90 847	87 880
Coal & Coke	91 322	88 881	89 396	86 365	78 752	71 047	68 057	65 750	64 004	61 772
Natural Gas	39 353	45 425	46 720	49 273	50 881	53 055	54 084	54 697	58 053	60 028
Oil	16 712	18 440	19 292	18 635	17 460	17 163	18 114	16 540	16 754	17 454
<b>Alberta Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	1 896	1 896	1 896	2 335	2 335	2 335	2 335	2 335	2 335	2 335
Wind	586	586	894	1 202	1 510	1 819	2 127	2 435	2 743	3 051
Biomass / Landfill Gas / Waste	2 649	2 649	2 679	2 498	2 531	2 405	1 971	1 969	2 002	2 035
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	43 400	40 785	39 635	38 256	37 727	38 234	37 577	35 354	35 654	35 641
Natural Gas	17 267	19 177	19 090	19 481	19 918	19 724	19 651	20 844	21 441	21 441
Oil	45	45	1 450	1 450	1 450	1 450	3 030	3 030	3 030	3 627
<b>British Columbia Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	59 223	60 995	60 995	60 995	60 995	61 533	61 533	61 533	61 941	61 941
Wind	0	0	166	332	498	664	830	996	1 162	1 328
Biomass / Landfill Gas / Waste	3 666	3 666	3 798	3 996	4 259	4 522	4 786	5 049	5 247	5 378
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	3 663	3 542	3 454	3 299	3 256	3 416	3 426	4 066	4 198	4 296
Oil	82	82	82	82	82	82	82	82	82	82
<b>Manitoba Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	29 120	29 120	29 120	29 120	29 120	29 120	29 120	30 524	30 524	30 524
Wind	0	0	166	332	498	664	830	996	1 162	1 328
Biomass / Landfill Gas / Waste	88	88	120	153	186	219	252	285	318	351
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	813	813	813	569	569	569	569	813	813	813
Natural Gas	95	0	95	189	111	108	95	95	95	95
Oil	14	14	14	20	20	14	14	14	14	14



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	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Fortified Islands</b>										
<b>New Brunswick Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802
Wind	0	0	95	190	285	379	474	569	664	759
Biomass / Landfill Gas / Waste	904	904	937	970	1 003	1 036	1 069	1 102	1 134	1 167
Uranium	5 015	5 015	5 015	3 761	0	3 365	4 203	4 169	4 132	4 069
Coal & Coke	4 432	4 432	4 432	4 067	3 101	3 101	2 914	2 724	2 693	2 632
Natural Gas	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598
Oil	4 928	6 369	5 485	4 809	4 294	4 521	4 170	3 719	3 709	3 694
<b>Newfoundland and Labrador Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	40 410	40 445	40 525	40 515	40 457	40 423	40 357	40 097	40 152	40 181
Wind	0	0	11	11	22	33	44	53	65	76
Biomass / Landfill Gas / Waste	0	0	32	63	93	124	153	178	209	240
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	228	230	233	232	230	228	226	219	221	222
Oil	2 404	2 614	2 930	2 942	2 742	2 623	2 366	2 670	2 946	3 083
<b>Nova Scotia Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	966	966	966	966	966	966	966	966	966	966
Wind	111	111	194	277	360	443	526	609	692	775
Biomass / Landfill Gas / Waste	423	423	456	489	522	555	588	621	654	687
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	6 529	6 689	6 626	6 307	6 249	6 048	5 924	7 280	7 189	7 078
Natural Gas	112	132	132	126	115	91	91	91	91	89
Oil	2 940	2 998	2 998	2 938	2 913	2 895	2 871	1 425	1 403	1 402
<b>Nunavut Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
Wind	0	0	0	5	24	43	62	81	100	119
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	215	229	241	245	238	225	223	215	209	194
<b>Northwest Territories Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	287	287	287	287	287	287	287	287	287	287
Wind	0	0	0	0	0	5	5	5	5	5
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	399	426	426	420	416	400	404	437	455	455

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2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802	2 802
853	925	972	996	1 019	1 043	1 067	1 091	1 114	1 138	1 162	1 185	1 209	1 233	1 256	1 280
1 200	1 230	1 256	1 279	1 299	1 316	1 332	1 348	1 365	1 381	1 398	1 414	1 431	1 447	1 464	1 480
4 017	3 974	3 939	3 910	3 892	3 882	3 856	3 815	3 777	9 393	9 386	9 386	9 386	8 955	8 934	8 918
2 591	2 559	3 603	3 573	3 560	3 550	3 522	3 478	3 431	2 322	2 326	2 280	2 086	2 632	2 632	2 632
1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598	1 598
3 774	4 223	3 478	3 506	3 600	3 616	3 629	3 599	3 573	615	615	615	615	112	112	112
52 136	52 188	52 297	52 249	52 201	52 197	52 136	52 064	51 989	51 911	51 849	51 773	51 694	51 617	51 550	51 492
88	98	108	115	121	127	131	135	138	142	146	149	152	155	158	161
276	302	332	351	367	382	394	404	414	423	433	442	450	458	466	475
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
226	225	229	228	226	1 276	1 273	1 242	1 175	1 090	1 021	988	936	817	707	592
3 467	3 432	3 663	3 605	3 474	2 469	2 257	1 994	1 715	1 429	1 205	1 012	861	776	697	645
966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
822	858	882	893	905	917	929	941	953	965	976	988	1 000	1 012	1 024	1 036
720	749	776	799	818	835	851	868	884	901	917	934	950	967	1 000	1 016
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 271	8 247	8 208	8 174	8 225	8 231	8 204	8 175	8 215	8 111	8 054	8 028	7 982	7 969	7 891	7 839
63	66	63	60	26	25	23	23	4	2	0	0	0	0	0	0
238	239	237	235	211	209	207	205	170	163	154	149	142	138	124	113
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128	128	138	138	138	147	147	147	147	157	157	166	166	166	175	175
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192	202	195	198	201	208	213	214	214	210	216	212	214	218	213	214
287	274	272	270	269	285	283	281	280	279	248	251	249	247	245	244
5	5	5	5	4	5	5	5	5	5	4	4	4	4	4	4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
296	565	562	558	555	588	584	581	579	575	768	776	770	766	760	756
343	171	165	160	154	233	223	208	198	189	95	104	99	94	89	86



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Fortified Islands	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Ontario Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	37 751	37 777	37 777	37 868	39 590	40 249	40 249	40 249	40 249	40 249
Wind	16	819	2 259	3 470	3 992	4 514	5 035	5 557	6 078	6 600
Biomass / Landfill Gas / Waste	2 207	2 207	2 306	2 372	2 438	2 504	2 569	2 635	2 701	2 767
Uranium	83 670	83 576	84 478	81 205	80 458	81 101	81 231	82 110	81 736	78 833
Coal & Coke	22 526	22 526	24 277	25 121	19 252	12 466	10 828	9 189	7 550	5 912
Natural Gas	12 001	12 795	14 168	16 590	17 895	20 381	21 497	20 286	22 911	24 789
Oil	166	166	166	166	166	166	166	166	166	166
<b>Prince Edward Island Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	0	0	0	0	0	0	0	0	0	0
Wind	0	0	47	95	142	190	237	285	332	379
Biomass / Landfill Gas / Waste	0	0	7	13	20	26	33	40	46	53
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	111	86	86	153	153	132	132	125	86	86
<b>Quebec Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	174 798	175 960	178 821	181 279	189 266	193 694	193 758	197 172	197 547	197 603
Wind	174	174	1 039	2 225	3 410	4 595	5 781	6 966	8 151	9 337
Biomass / Landfill Gas / Waste	1 601	1 601	1 733	1 864	1 996	2 128	2 259	2 391	2 523	2 654
Uranium	4 978	4 978	4 978	4 978	3 734	0	3 734	4 978	4 978	4 978
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	232	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793
Oil	5 306	5 306	5 306	5 306	4 885	4 559	4 559	4 559	4 559	4 559
<b>Saskatchewan Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	3 191	3 191	3 191	3 191	3 191	3 191	3 191	3 305	3 305	3 305
Wind	59	59	153	248	343	438	533	628	722	817
Biomass / Landfill Gas / Waste	282	282	295	308	321	334	347	361	374	387
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	13 622	13 636	13 614	12 046	11 853	10 630	10 246	10 390	10 104	9 696
Natural Gas	4 159	4 159	4 159	3 966	3 966	3 717	3 708	3 707	3 707	3 707
Oil	26	26	26	26	26	26	26	26	26	26
<b>Yukon Generation by Primary Fuel (GWh)</b>										
Hydro / Wave / Tidal	249	252	252	248	242	238	238	238	238	236
Wind	0	0	0	8	15	22	22	22	22	22
Biomass / Landfill Gas / Waste	0	0	0	0	0	0	0	0	0	0
Uranium	0	0	0	0	0	0	0	0	0	0
Coal & Coke	0	0	0	0	0	0	0	0	0	0
Natural Gas	0	0	0	0	0	0	0	0	0	0
Oil	75	79	82	78	75	70	70	72	70	67

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<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249	40 249
7 121	7 591	8 008	8 373	8 686	8 947	9 207	9 468	9 729	9 990	10 250	10 511	10 772	11 033	11 293	11 554
2 833	2 892	2 945	2 991	3 030	3 063	3 096	3 129	3 162	3 195	3 228	3 261	3 294	3 327	3 360	3 393
78 624	81 830	82 805	85 407	83 804	82 631	82 102	81 146	81 170	81 149	81 212	80 756	80 072	80 630	79 460	79 819
2 635	0	0	0	0	0	0	0	1 077	1 072	754	754	754	754	754	754
26 149	26 039	25 452	23 534	24 264	24 634	24 443	24 153	22 967	21 238	20 569	20 303	19 860	18 462	17 984	17 012
166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
427	469	507	541	569	593	616	640	664	688	711	735	759	782	806	830
59	65	71	75	79	82	86	89	92	96	99	102	105	109	112	115
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
197 710	198 823	199 088	199 215	199 315	199 315	199 315	199 315	199 315	199 315	199 315	199 315	199 315	199 315	199 315	199 315
10 522	11 707	12 892	14 078	15 263	16 448	17 634	18 819	20 004	21 190	22 375	23 560	24 745	25 931	27 116	28 301
2 786	2 905	3 010	3 102	3 181	3 247	3 313	3 379	3 445	3 510	3 576	3 642	3 708	3 774	3 840	3 906
4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978	4 978
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793	3 793
4 632	4 680	4 559	4 559	4 559	4 559	4 559	4 559	4 559	4 559	4 559	4 559	4 559	4 438	4 423	4 438
3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305	3 305
912	983	1 031	1 054	1 078	1 102	1 125	1 149	1 173	1 196	1 220	1 244	1 268	1 291	1 315	1 339
400	412	423	432	440	446	453	459	466	473	479	486	492	499	505	512
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 401	9 151	8 889	8 405	8 254	7 347	7 216	7 028	6 895	6 618	6 450	6 260	6 040	5 638	5 378	5 132
3 720	3 713	3 707	3 730	3 725	3 977	3 969	3 957	3 939	4 098	4 090	4 083	4 074	4 236	4 234	4 234
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
236	236	236	233	233	236	236	236	236	236	236	238	238	238	238	241
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68	70	68	67	66	70	70	68	67	67	69	71	71	72	73	73

Table 5.15 Interchange, Fortified Islands

Fortified Islands

<b>Alberta</b>		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
British Columbia	Sales to British Columbia	2 873	2 114	2 536	2 822	2 801	3 094	3 098	1 760	1 760	1 760
	Sales to Alberta	0	1 127	1 104	1 448	1 674	804	803	583	628	617
	Net Out-Flow	2 873	987	1 432	1 374	1 127	2 290	2 295	1 177	1 132	1 143
Saskatchewan	Sales to Saskatchewan	1 139	1 240	1 255	1 311	1 317	1 132	1 286	1 317	1 317	1 317
	Sales to Alberta	15	0	0	0	0	0	0	0	0	0
	Net Out-Flow	1 124	1 240	1 255	1 311	1 317	1 132	1 286	1 317	1 317	1 317
United States	Exports to United States	0	0	0	0	0	0	0	0	0	0
	Imports from United States	0	0	0	0	0	0	0	0	0	0
	Net Exports	0	0	0	0	0	0	0	0	0	0
Total	Out	4 012	3 354	3 791	4 133	4 118	4 226	4 384	3 077	3 077	3 077
	In	15	1 127	1 104	1 448	1 674	804	803	583	628	617
	Net Out	3 997	2 227	2 687	2 685	2 444	3 422	3 581	2 494	2 449	2 460
<b>British Columbia</b>		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Alberta	Sales to Alberta	0	1 127	1 104	1 448	1 674	804	803	583	628	617
	Sales to British Columbia	2 873	2 114	2 536	2 822	2 801	3 094	3 098	1 760	1 760	1 760
	Net Out-Flow	-2 873	-987	-1 432	-1 374	-1 127	-2 290	-2 295	-1 177	-1 132	-1 143
United States	Exports to United States	3 037	1 847	1 932	1 932	2 019	4 156	4 146	3 711	3 712	3 709
	Imports from United States	658	466	352	0	0	0	0	37	0	0
	Net Exports	2 379	1 381	1 580	1 932	2 019	4 156	4 146	3 674	3 712	3 709
Total	Out	3 037	2 974	3 036	3 380	3 693	4 960	4 949	4 294	4 340	4 326
	In	3 531	2 580	2 888	2 822	2 801	3 094	3 098	1 797	1 760	1 760
	Net Out	-494	394	148	558	892	1 866	1 851	2 497	2 580	2 566
<b>Manitoba</b>		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Saskatchewan	Sales to Saskatchewan	65	222	254	791	791	791	791	246	301	373
	Sales to Manitoba	2 423	2 300	2 297	1 170	1 294	61	61	61	61	35
	Net Out-Flow	-2 358	-2 078	-2 043	-379	-503	730	730	185	240	338
Ontario	Sales to Ontario Hydro	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
	Sales to Manitoba	1 756	1 486	1 159	1 357	1 270	1 013	767	1 247	1 194	1 181
	Net Out-Flow	878	1 148	1 475	1 277	1 364	1 621	1 867	1 387	1 440	1 453
United States	Exports to United States	11 395	10 208	9 895	8 735	8 875	7 837	7 617	10 304	10 357	10 431
	Imports from United States	0	0	0	0	0	0	0	0	0	0
	Net Exports	11 395	10 208	9 895	8 735	8 875	7 837	7 617	10 304	10 357	10 431
Total	Out	14 094	13 064	12 783	12 160	12 300	11 262	11 042	13 184	13 292	13 438
	In	4 179	3 786	3 456	2 527	2 564	1 074	828	1 308	1 255	1 216
	Net Out	9 915	9 278	9 327	9 633	9 736	10 188	10 214	11 876	12 037	12 222

<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
1 760	1 760	1 804	1 859	1 931	2 048	2 076	2 046	1 991	1 968	1 949	1 971	1 921	1 802	1 760	1 760
696	499	453	416	364	263	263	318	394	431	460	448	511	641	834	1 016
1 064	1 261	1 351	1 443	1 567	1 785	1 813	1 728	1 597	1 537	1 489	1 523	1 410	1 161	926	744
1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 077	3 077	3 121	3 176	3 248	3 365	3 393	3 363	3 308	3 285	3 266	3 288	3 238	3 119	3 077	3 077
696	499	453	416	364	263	263	318	394	431	460	448	511	641	834	1 016
2 381	2 578	2 668	2 760	2 884	3 102	3 130	3 045	2 914	2 854	2 806	2 840	2 727	2 478	2 243	2 061
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
696	499	453	416	364	263	263	318	394	431	460	448	511	641	834	1 016
1 760	1 760	1 804	1 859	1 931	2 048	2 076	2 046	1 991	1 968	1 949	1 971	1 921	1 802	1 760	1 760
-1 064	-1 261	-1 351	-1 443	-1 567	-1 785	-1 813	-1 728	-1 597	-1 537	-1 489	-1 523	-1 410	-1 161	-926	-744
3 725	3 684	3 665	7 648	7 583	7 476	7 465	7 503	7 560	7 578	7 589	7 561	7 604	7 708	7 805	7 874
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 725	3 684	3 665	7 648	7 583	7 476	7 465	7 503	7 560	7 578	7 589	7 561	7 604	7 708	7 805	7 874
4 421	4 183	4 118	8 064	7 947	7 739	7 728	7 821	7 954	8 009	8 049	8 009	8 115	8 349	8 639	8 890
1 760	1 760	1 804	1 859	1 931	2 048	2 076	2 046	1 991	1 968	1 949	1 971	1 921	1 802	1 760	1 760
2 661	2 423	2 314	6 205	6 016	5 691	5 652	5 775	5 963	6 041	6 100	6 038	6 194	6 547	6 879	7 130
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
426	474	540	791	791	879	838	803	791	791	791	791	791	791	791	791
33	35	35	28	32	0	0	0	13	41	50	54	59	61	61	61
393	439	505	763	759	879	838	803	778	750	741	737	732	730	730	730
2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
1 105	1 105	1 105	578	545	640	670	596	833	1 055	1 120	1 054	1 256	1 174	1 091	1 152
1 529	1 529	1 529	2 056	2 089	1 994	1 964	2 038	1 801	1 579	1 514	1 580	1 378	1 460	1 543	1 482
10 397	10 476	10 606	13 296	13 639	13 720	23 721	24 001	24 513	25 018	25 348	25 514	25 973	26 195	26 416	26 757
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 397	10 476	10 606	13 296	13 639	13 720	23 721	24 001	24 513	25 018	25 348	25 514	25 973	26 195	26 416	26 757
13 457	13 584	13 780	16 721	17 064	17 233	27 193	27 438	27 938	28 443	28 773	28 939	29 398	29 620	29 841	30 182
1 138	1 140	1 140	606	577	640	670	596	846	1 096	1 170	1 108	1 315	1 235	1 152	1 213
12 319	12 444	12 640	16 115	16 487	16 593	26 523	26 842	27 092	27 347	27 603	27 831	28 083	28 385	28 689	28 969

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		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>New Brunswick</b>											
Nova Scotia	Sales to Nova Scotia	284	105	105	252	177	252	252	252	252	242
	Sales to New Brunswick	42	125	161	81	99	83	93	39	39	57
	Net Out-Flow	242	-20	-56	171	78	169	159	213	213	185
Prince Edward Island	Sales to Prince Edward Island	1 087	1 131	1 086	975	931	903	864	826	816	766
	Sales to New Brunswick	0	0	0	0	0	0	0	0	0	0
	Net Out-Flow	1 087	1 131	1 086	975	931	903	864	826	816	766
Quebec	Sales to Hydro Quebec	6 498	8 023	7 162	5 225	1 369	1 568	1 951	1 279	1 254	1 353
	Sales to New Brunswick	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
	Net Out-Flow	-2 282	-757	-1 618	-3 555	-7 411	-7 212	-6 829	-7 501	-7 526	-7 427
United States	Exports to United States	3 731	3 740	3 728	3 583	2 626	6 146	6 146	6 146	6 146	6 146
	Imports from United States	0	0	0	0	0	0	0	0	0	0
	Net Exports	3 731	3 740	3 728	3 583	2 626	6 146	6 146	6 146	6 146	6 146
Total	Out	11 600	12 999	12 081	10 035	5 103	8 869	9 213	8 503	8 468	8 507
	In	8 822	8 905	8 941	8 861	8 879	8 863	8 873	8 819	8 819	8 837
	Net Out	2 778	4 094	3 140	1 174	-3 776	6	340	-316	-351	-330
<b>Newfoundland and Labrador</b>											
Quebec	Sales to Hydro Quebec	32 312	32 329	32 305	32 302	32 312	32 318	32 339	32 319	32 296	32 302
	Sales to Labrador	16	28	63	66	44	36	18	20	45	70
	Net Out-Flow	32 296	32 301	32 242	32 236	32 268	32 282	32 321	32 299	32 251	32 232
<b>Nova Scotia</b>											
New Brunswick	Sales to New Brunswick	42	125	161	81	99	83	93	39	39	57
	Sales to Nova Scotia	284	105	105	252	177	252	252	252	252	242
	Net Out-Flow	-242	20	56	-171	-78	-169	-159	-213	-213	-185
<b>Ontario</b>											
Manitoba	Sales to Manitoba	1 756	1 486	1 159	1 357	1 270	1 013	767	1 247	1 194	1 181
	Sales to Ontario Hydro	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
	Net Out-Flow	-878	-1 148	-1 475	-1 277	-1 364	-1 621	-1 867	-1 387	-1 440	-1 453
Quebec	Sales to Hydro Quebec	878	878	825	545	246	2 200	1 584	2 168	2 349	1 619
	Sales to Ontario Hydro	0	0	0	162	3 047	6 355	6 359	7 895	7 743	7 747
	Net Out-Flow	878	878	825	383	-2 801	-4 155	-4 775	-5 727	-5 394	-6 128
United States	Exports to United States	878	417	290	878	878	834	834	623	597	597
	Imports from United States	0	0	137	0	0	0	0	750	554	1 053
	Net Exports	878	417	153	878	878	834	834	-127	43	-456
Total	Out	3 512	2 781	2 274	2 780	2 394	4 047	3 185	4 038	4 140	3 397
	In	2 634	2 634	2 771	2 796	5 681	8 989	8 993	11 279	10 931	11 434
	Net Out	878	147	-497	-16	-3 287	-4 942	-5 808	-7 241	-6 791	-8 037

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<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
210	210	210	210	210	210	210	210	210	253	253	253	253	253	253	253
77	75	80	85	99	99	99	99	111	99	99	99	99	99	99	99
133	135	130	125	111	111	111	111	99	154	154	154	154	154	154	154
722	684	646	618	592	570	554	531	519	504	488	476	459	444	429	413
0	0	0	0	0	0	0	2	10	16	24	32	40	48	56	64
722	684	646	618	592	570	554	529	509	488	464	444	419	396	373	349
1 533	2 012	2 383	2 455	2 572	2 591	2 638	2 668	2 720	4 328	4 452	4 458	4 389	4 178	4 341	4 486
8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
-7 247	-6 768	-6 397	-6 325	-6 208	-6 189	-6 142	-6 112	-6 060	-4 452	-4 328	-4 322	-4 391	-4 602	-4 439	-4 294
6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146	6 146
8 611	9 052	9 385	9 429	9 520	9 517	9 548	9 555	9 595	11 231	11 339	11 333	11 247	11 021	11 169	11 298
8 857	8 855	8 860	8 865	8 879	8 879	8 879	8 881	8 901	8 895	8 903	8 911	8 919	8 927	8 935	8 943
-246	197	525	564	641	638	669	674	694	2 336	2 436	2 422	2 328	2 094	2 234	2 355
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
43 900	44 409	44 347	44 361	44 386	44 390	44 429	44 470	44 522	44 459	44 506	44 544	44 584	44 619	44 653	44 681
14	13	42	24	17	16	9	1	0	0	0	0	0	0	0	0
43 886	44 396	44 305	44 337	44 369	44 374	44 420	44 469	44 522	44 459	44 506	44 544	44 584	44 619	44 653	44 681
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
77	75	80	85	99	99	99	99	111	99	99	99	99	99	99	99
210	210	210	210	210	210	210	210	210	253	253	253	253	253	253	253
-133	-135	-130	-125	-111	-111	-111	-111	-99	-154	-154	-154	-154	-154	-154	-154
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
1 105	1 105	1 105	578	545	640	670	596	833	1 055	1 120	1 054	1 256	1 174	1 091	1 152
2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634	2 634
-1 529	-1 529	-1 529	-2 056	-2 089	-1 994	-1 964	-2 038	-1 801	-1 579	-1 514	-1 580	-1 378	-1 460	-1 543	-1 482
923	924	1 163	2 348	1 965	1 699	1 861	2 085	2 773	2 947	2 969	3 002	2 991	3 080	3 080	3 080
8 101	7 056	6 402	6 075	5 890	6 028	5 901	5 883	5 795	7 794	7 515	7 195	7 120	6 235	6 302	6 018
-7 178	-6 132	-5 239	-3 727	-3 925	-4 329	-4 040	-3 798	-3 022	-4 847	-4 546	-4 193	-4 129	-3 155	-3 222	-2 938
553	553	553	597	556	553	553	596	597	754	773	773	773	773	773	773
1 053	1 280	1 273	1 089	1 268	1 273	1 273	1 222	616	525	525	525	525	525	525	90
-500	-727	-720	-492	-712	-720	-720	-626	-19	229	248	248	248	248	248	683
2 581	2 582	2 821	3 523	3 066	2 892	3 084	3 277	4 203	4 756	4 862	4 829	5 020	5 027	4 944	5 005
11 788	10 970	10 309	9 798	9 792	9 935	9 808	9 739	9 045	10 953	10 674	10 354	10 279	9 394	9 461	8 742
-9 207	-8 388	-7 488	-6 275	-6 726	-7 043	-6 724	-6 462	-4 842	-6 197	-5 812	-5 525	-5 259	-4 367	-4 517	-3 737

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		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
<b>Prince Edward Island</b>											
New Brunswick	Sales to New Brunswick	0	0	0	0	0	0	0	0	0	0
	Sales to Prince Edward Island	1 087	1 131	1 086	975	931	903	864	826	816	766
	Net Out-Flow	-1 087	-1 131	-1 086	-975	-931	-903	-864	-826	-816	-766
<b>Quebec</b>											
New Brunswick	Sales to New Brunswick	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
	Sales to Hydro Quebec	6 498	8 023	7 162	5 225	1 369	1 568	1 951	1 279	1 254	1 353
	Net Out-Flow	2 282	757	1 618	3 555	7 411	7 212	6 829	7 501	7 526	7 427
Newfoundland and Labrador	Sales to Labrador	16	28	63	66	44	36	18	20	45	70
	Sales to Hydro Quebec	32 312	32 329	32 305	32 302	32 312	32 318	32 339	32 319	32 296	32 302
	Net Out-Flow	-32 296	-32 301	-32 242	-32 236	-32 268	-32 282	-32 321	-32 299	-32 251	-32 232
Ontario	Sales to Ontario Hydro	0	0	0	162	3 047	6 355	6 359	7 895	7 743	7 747
	Sales to Hydro Quebec	878	878	825	545	246	2 200	1 584	2 168	2 349	1 619
	Net Out-Flow	-878	-878	-825	-383	2 801	4 155	4 775	5 727	5 394	6 128
United States	Exports to United States	7 775	11 919	12 699	13 140	13 140	14 090	16 289	17 560	17 560	17 848
	Imports from United States	1 181	976	691	276	0	0	0	0	0	0
	Net Exports	6 594	10 943	12 008	12 864	13 140	14 090	16 289	17 560	17 560	17 848
Total	Out	16 571	20 727	21 542	22 148	25 011	29 261	31 446	34 255	34 128	34 445
	In	40 869	42 206	40 983	38 348	33 927	36 086	35 874	35 766	35 899	35 274
	Net Out	-24 298	-21 479	-19 441	-16 200	-8 916	-6 825	-4 428	-1 511	-1 771	-829
<b>Saskatchewan</b>											
Alberta	Sales to Alberta	15									
	Sales to Saskatchewan	1 139	1 240	1 255	1 311	1 317	1 132	1 286	1 317	1 317	1 317
	Net Out-Flow	-1 124	-1 240	-1 255	-1 311	-1 317	-1 132	-1 286	-1 317	-1 317	-1 317
Manitoba	Sales to Manitoba	2 423	2 300	2 297	1 170	1 294	61	61	61	61	35
	Sales to Saskatchewan	65	222	254	791	791	791	791	246	301	373
	Net Out-Flow	2 358	2 078	2 043	379	503	-730	-730	-185	-240	-338
United States	Exports to United States	892	945	983	1 317	1 317	1 317	1 317	1 317	1 317	1 317
	Imports from United States	0	0	0	0	0	0	0	0	0	0
	Net Exports	892	945	983	1 317	1 317	1 317	1 317	1 317	1 317	1 317
Total	Out	3 330	3 245	3 280	2 487	2 611	1 378	1 378	1 378	1 378	1 352
	In	1 204	1 462	1 509	2 102	2 108	1 923	2 077	1 563	1 618	1 690
	Net Out	2 126	1 783	1 771	385	503	-545	-699	-185	-240	-338
<b>Canada Total</b>											
	In-Flows	60 802	62 522	61 726	59 923	58 786	62 025	61 681	61 425	61 470	60 854
	Out-Flows	60 802	62 522	61 726	59 923	58 786	62 025	61 681	61 425	61 470	60 854
	Exports	27 708	29 493	29 817	30 465	29 733	35 214	37 183	40 285	40 287	40 578
	Imports	1 838	1 442	1 400	276	0	133	83	1 976	1 662	2 326
	Net Exports	25 870	28 051	28 417	30 189	29 733	35 081	37 100	38 309	38 625	38 252

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<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
0	0	0	0	0	0	0	2	10	16	24	32	40	48	56	64
722	684	646	618	592	570	554	531	519	504	488	476	459	444	429	413
-722	-684	-646	-618	-592	-570	-554	-529	-509	-488	-464	-444	-419	-396	-373	-349
2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780	8 780
1 533	2 012	2 383	2 455	2 572	2 591	2 638	2 668	2 720	4 328	4 452	4 458	4 389	4 178	4 341	4 486
7 247	6 768	6 397	6 325	6 208	6 189	6 142	6 112	6 060	4 452	4 328	4 322	4 391	4 602	4 439	4 294
14	13	42	24	17	16	9	1	0	0	0	0	0	0	0	0
43 900	44 409	44 347	44 361	44 386	44 390	44 429	44 470	44 522	44 459	44 506	44 544	44 584	44 619	44 653	44 681
-43 886	-44 396	-44 305	-44 337	-44 369	-44 374	-44 420	-44 469	-44 522	-44 459	-44 506	-44 544	-44 584	-44 619	-44 653	-44 681
8 101	7 056	6 402	6 075	5 890	6 028	5 901	5 883	5 795	7 794	7 515	7 195	7 120	6 235	6 302	6 018
923	924	1 163	2 348	1 965	1 699	1 861	2 085	2 773	2 947	2 969	3 002	2 991	3 080	3 080	3 080
7 178	6 132	5 239	3 727	3 925	4 329	4 040	3 798	3 022	4 847	4 546	4 193	4 129	3 155	3 222	2 938
29 275	33 131	35 261	38 065	38 483	38 265	40 565	43 874	48 085	50 615	53 207	54 902	57 567	62 053	65 610	69 043
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 275	33 131	35 261	38 065	38 483	38 265	40 565	43 874	48 085	50 615	53 207	54 902	57 567	62 053	65 610	69 043
46 170	48 980	50 485	52 944	53 170	53 089	55 255	58 538	62 660	67 189	69 502	70 877	73 467	77 068	80 692	83 841
46 356	47 345	47 893	49 164	48 923	48 680	48 928	49 223	50 015	51 734	51 927	52 004	51 964	51 877	52 074	52 247
-186	1 635	2 592	3 780	4 247	4 409	6 327	9 315	12 645	15 455	17 575	18 873	21 503	25 191	28 618	31 594
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317	1 317
-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317	-1 317
33	35	35	28	32	0	0	0	13	41	50	54	59	61	61	61
426	474	540	791	791	879	838	803	791	791	791	791	791	791	791	791
-393	-439	-505	-763	-759	-879	-838	-803	-778	-750	-741	-737	-732	-730	-730	-730
1 315	1 317	1 317	1 299	1 310	880	931	1 036	1 126	1 239	1 270	1 295	1 312	1 317	1 317	1 317
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 315	1 317	1 317	1 299	1 310	880	931	1 036	1 126	1 239	1 270	1 295	1 312	1 317	1 317	1 317
1 348	1 352	1 352	1 327	1 342	880	931	1 036	1 139	1 280	1 320	1 349	1 371	1 378	1 378	1 378
1 743	1 791	1 857	2 108	2 108	2 196	2 155	2 120	2 108	2 108	2 108	2 108	2 108	2 108	2 108	2 108
-395	-439	-505	-781	-766	-1 316	-1 224	-1 084	-969	-828	-788	-759	-737	-730	-730	-730
<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
72 231	71 989	71 939	72 579	72 125	72 164	72 277	72 443	73 413	77 415	77 406	77 107	77 202	76 155	76 482	76 605
72 231	71 989	71 939	72 579	72 125	72 164	72 277	72 443	73 413	77 415	77 406	77 107	77 202	76 155	76 482	76 605
51 938	55 832	58 074	67 603	68 271	67 593	79 933	83 708	88 579	92 052	95 100	96 964	100 148	104 965	108 839	112 683
2 607	2 906	2 899	2 495	2 674	2 783	2 739	2 628	1 995	1 055	1 050	1 050	1 050	1 050	1 050	615
49 332	52 926	55 175	65 108	65 597	64 810	77 194	81 080	86 584	90 997	94 050	95 914	99 097	103 914	107 788	112 068



# Appendix 6

## Coal

Table A6.1: Canadian Coal Balances, Reference Case and Continuing Trends (kilotonnes (kT))

	Thermal	End-use	Met	Met+EU	Domestic			----- Exports -----			----- Imports -----			Net	----- Production -----		
					Demand	Thermal	Met	Total	Thermal	Met	Total	Exports	Thermal	Met	Total		
1984	38 111	2 235	8 353	10 588	48 699	4 038	21 100	25 138	8 200	10 159	18 359	6 779	36 002	21 400	57 402		
1985	37 893	2 540	8 232	10 773	48 666	4 878	22 500	27 378	11 500	3 120	14 620	12 758	36 554	24 300	60 854		
1986	34 216	2 437	7 879	10 316	44 532	4 404	21 500	25 904	8 300	5 012	13 312	12 592	35 412	22 400	57 812		
1987	39 485	2 468	8 188	10 655	50 140	4 341	22 400	26 741	6 900	7 445	14 345	12 396	38 611	22 600	61 211		
1988	46 055	2 150	6 261	8 411	54 466	4 125	27 600	31 725	8 441	7 669	16 110	15 615	42 444	28 200	70 644		
1989	45 839	2 038	5 918	7 956	53 795	4 227	28 600	32 827	8 392	7 348	15 740	17 087	42 429	28 100	70 529		
1990	42 142	1 898	4 996	6 894	49 036	4 109	26 900	31 009	6 284	6 429	12 713	18 296	40 631	27 700	68 331		
1991	43 826	1 441	4 906	6 347	50 173	5 312	28 800	34 112	7 413	5 886	13 299	20 813	42 038	29 100	71 138		
1992	45 241	1 556	4 886	6 442	51 683	4 697	23 400	28 097	6 629	5 840	12 469	15 628	40 010	25 600	65 610		
1993	42 726	1 588	4 665	6 253	48 979	4 813	23 500	28 313	4 256	5 589	9 845	18 468	41 027	28 000	69 027		
1994	45 923	1 646	4 779	6 425	52 348	4 749	26 997	31 746	3 906	5 657	9 563	22 183	45 555	27 268	72 823		
1995	46 807	1 905	4 193	6 098	52 905	4 948	29 045	33 993	5 215	4 520	9 735	24 258	45 861	29 055	74 916		
1996	46 982	2 041	4 728	6 769	53 751	5 727	28 732	34 459	5 646	6 042	11 688	22 771	46 412	29 459	75 871		
1997	49 565	2 227	4 490	6 717	56 282	6 411	30 071	36 482	8 022	6 129	14 151	22 331	48 028	30 659	78 687		
1998	52 461	2 143	4 119	6 262	58 723	5 835	28 348	34 183	12 129	6 528	18 657	15 526	47 122	28 082	75 204		
1999	52 041	2 127	4 360	6 487	58 528	4 875	28 665	33 540	16 103	3 656	19 759	13 781	40 927	31 496	72 423		
2000	55 830	2 428	4 265	6 693	62 523	2 196	30 305	32 501	15 932	7 298	23 230	9 271	39 463	29 700	69 163		
2001	55 540	2 266	4 255	6 521	62 061	2 782	26 914	29 696	15 443	3 987	19 430	10 266	40 908	29 448	70 356		
2002	55 612	2 223	4 201	6 424	62 036	2 221	22 964	25 185	18 321	4 315	22 636	2 549	41 535	25 073	66 608		
2003	55 213	2 388	4 174	6 562	61 775	1 389	23 716	25 105	19 422	3 294	22 716	2 389	35 179	26 984	62 163		
2004	51 241	2 583	4 370	6 953	58 194	2 013	23 847	25 860	15 635	3 429	19 064	6 796	38 648	27 371	66 019		
2005(e)	51 000	2 570	4 200	6 770	57 770	1 492	26 710	28 202	16 989	4 223	21 212	6 990	38 243	29 257	67 500		
2006	47 841	2 775	4 263	7 039	54 880	1 510	27 031	28 540	15 905	4 286	20 191	8 349	33 446	29 783	63 229		
2007	44 682	2 981	4 326	7 307	51 989	1 528	27 355	28 883	14 821	4 349	19 170	9 713	31 389	30 313	61 702		
2008	44 592	3 004	4 437	7 442	52 033	1 546	27 683	29 230	15 416	4 460	19 876	9 354	30 722	30 665	61 387		
2009	42 224	3 069	4 512	7 582	49 805	1 565	28 015	29 580	13 387	4 535	17 922	11 658	30 402	31 062	61 464		
2010	39 974	3 130	4 610	7 740	47 714	1 584	28 352	29 935	10 666	4 633	15 300	14 636	30 891	31 459	62 350		
2011	38 484	3 157	4 658	7 815	46 299	1 603	28 692	30 294	10 022	4 681	14 703	15 592	30 065	31 826	61 891		
2012	36 171	3 191	4 676	7 867	44 038	1 622	29 036	30 658	8 964	4 699	13 663	16 995	28 829	32 204	61 033		
2013	34 598	3 207	4 691	7 898	42 496	1 641	29 384	31 026	7 969	4 714	12 682	18 344	28 271	32 569	60 839		
2014	33 759	3 212	4 686	7 898	41 657	1 661	29 737	31 398	7 658	4 709	12 367	19 031	27 762	32 926	60 688		
2015	32 400	3 273	4 700	7 973	40 374	1 681	30 094	31 775	6 913	4 723	11 636	20 138	27 168	33 344	60 512		
2016	30 987	3 350	4 794	8 144	39 131	1 698	30 395	32 093	5 369	4 817	10 186	21 907	27 315	33 722	61 037		
2017	31 597	3 400	4 870	8 270	39 867	1 715	30 699	32 414	5 927	4 893	10 820	21 593	27 384	34 076	61 460		
2018	30 886	3 425	4 879	8 304	39 190	1 732	31 006	32 738	5 700	4 902	10 602	22 136	26 918	34 408	61 326		
2019	31 111	3 431	4 863	8 294	39 405	1 749	31 316	33 065	5 770	4 886	10 655	22 410	27 091	34 724	61 815		
2020	30 522	3 451	4 841	8 292	38 813	1 767	31 629	33 396	5 760	4 864	10 623	22 773	26 529	35 057	61 586		
2021	30 032	3 466	4 803	8 269	38 301	1 784	31 945	33 730	5 748	4 826	10 574	23 156	26 069	35 389	61 457		
2022	29 403	3 489	4 788	8 277	37 680	1 802	32 265	34 067	5 737	4 811	10 548	23 519	25 468	35 731	61 199		
2023	29 426	3 519	4 766	8 285	37 711	1 820	32 587	34 408	6 132	4 789	10 921	23 487	25 114	36 083	61 197		
2024	28 714	3 548	4 736	8 284	36 998	1 839	32 913	34 752	5 817	4 759	10 576	24 175	24 735	36 438	61 173		
2025	28 556	3 598	4 719	8 317	36 873	1 857	33 242	35 099	5 830	4 742	10 573	24 527	24 582	36 817	61 400		
2026	28 322	3 644	4 710	8 354	36 676	1 872	33 508	35 380	5 831	4 733	10 564	24 816	24 363	37 129	61 492		
2027	28 255	3 674	4 682	8 356	36 612	1 887	33 776	35 663	5 827	4 705	10 533	25 131	24 315	37 427	61 742		
2028	27 992	3 687	4 636	8 323	36 315	1 902	34 047	35 948	5 854	4 659	10 513	25 435	24 040	37 710	61 750		
2029	27 828	3 704	4 591	8 295	36 123	1 917	34 319	36 236	5 838	4 614	10 453	25 784	23 907	38 000	61 907		
2030	27 533	3 732	4 533	8 265	35 798	1 932	34 594	36 526	5 828	4 556	10 384	26 142	23 637	38 303	61 940		

Met. - Metallurgical

EU - End Use

(e) - Estimate

Table A6.2: Canadian Coal Balances, Triple E (kilotonnes (kT))

	End-use		Met	Met+EU	Domestic Demand	Exports			Imports			Net Exports	Production		
	Thermal					Thermal	Met	Total	Thermal	Met	Total		Thermal	Met	Total
1984	38 111	2 235	8 353	10 588	48 699	4 038	21 100	25 138	8 200	10 159	18 359	6 779	36 002	21 400	57 402
1985	37 893	2 540	8 232	10 773	48 666	4 878	22 500	27 378	11 500	3 120	14 620	12 758	36 554	24 300	60 854
1986	34 216	2 437	7 879	10 316	44 532	4 404	21 500	25 904	8 300	5 012	13 312	12 592	35 412	22 400	57 812
1987	39 485	2 468	8 188	10 655	50 140	4 341	22 400	26 741	6 900	7 445	14 345	12 396	38 611	22 600	61 211
1988	46 055	2 150	6 261	8 411	54 466	4 125	27 600	31 725	8 441	7 669	16 110	15 615	42 444	28 200	70 644
1989	45 839	2 038	5 918	7 956	53 795	4 227	28 600	32 827	8 392	7 348	15 740	17 087	42 429	28 100	70 529
1990	42 142	1 898	4 996	6 894	49 036	4 109	26 900	31 009	6 284	6 429	12 713	18 296	40 631	27 700	68 331
1991	43 826	1 441	4 906	6 347	50 173	5 312	28 800	34 112	7 413	5 886	13 299	20 813	42 038	29 100	71 138
1992	45 241	1 556	4 886	6 442	51 683	4 697	23 400	28 097	6 629	5 840	12 469	15 628	40 010	25 600	65 610
1993	42 726	1 588	4 665	6 253	48 979	4 813	23 500	28 313	4 256	5 589	9 845	18 468	41 027	28 000	69 027
1994	45 923	1 646	4 779	6 425	52 348	4 749	26 997	31 746	3 906	5 657	9 563	22 183	45 555	27 268	72 823
1995	46 807	1 905	4 193	6 098	52 905	4 948	29 045	33 993	5 215	4 520	9 735	24 258	45 861	29 055	74 916
1996	46 982	2 041	4 728	6 769	53 751	5 727	28 732	34 459	5 646	6 042	11 688	22 771	46 412	29 459	75 871
1997	49 565	2 227	4 490	6 717	56 282	6 411	30 071	36 482	8 022	6 129	14 151	22 331	48 028	30 659	78 687
1998	52 461	2 143	4 119	6 262	58 723	5 835	28 348	34 183	12 129	6 528	18 657	15 526	47 122	28 082	75 204
1999	52 041	2 127	4 360	6 487	58 528	4 875	28 665	33 540	16 103	3 656	19 759	13 781	40 927	31 496	72 423
2000	55 830	2 428	4 265	6 693	62 523	2 196	30 305	32 501	15 932	7 298	23 230	9 271	39 463	29 700	69 163
2001	55 540	2 266	4 255	6 521	62 061	2 782	26 914	29 696	15 443	3 987	19 430	10 266	40 908	29 448	70 356
2002	55 612	2 223	4 201	6 424	62 036	2 221	22 964	25 185	18 321	4 315	22 636	2 549	41 535	25 073	66 608
2003	55 213	2 388	4 174	6 562	61 775	1 389	23 716	25 105	19 422	3 294	22 716	2 389	35 179	26 984	62 163
2004	51 241	2 583	4 370	6 953	58 194	2 013	23 847	25 860	15 635	3 429	19 064	6 796	38 648	27 371	66 019
2005(e)	51 000	2 570	4 200	6 770	57 770	1 492	26 710	28 202	16 989	4 223	21 212	6 990	38 243	29 257	67 500
2006	46 483	2 774	4 263	7 037	53 520	1 492	26 897	28 389	15 583	4 286	19 869	8 520	32 392	29 648	62 040
2007	41 966	2 978	4 326	7 304	49 271	1 492	27 085	28 577	14 178	4 349	18 527	10 050	29 281	30 040	59 321
2008	42 062	2 960	4 469	7 429	49 491	1 492	27 275	28 767	15 179	4 492	19 671	9 096	28 375	30 212	58 587
2009	39 091	3 015	4 709	7 724	46 815	1 492	27 466	28 958	12 786	4 732	17 518	11 440	27 797	30 458	58 255
2010	33 997	3 026	4 779	7 804	41 801	1 492	27 658	29 150	9 253	4 802	14 054	15 096	26 236	30 661	56 896
2011	32 319	2 989	4 698	7 687	40 006	1 492	27 852	29 344	8 554	4 721	13 274	16 070	25 258	30 818	56 076
2012	29 906	2 934	4 567	7 501	37 407	1 492	28 047	29 539	8 372	4 590	12 962	16 577	23 026	30 958	53 984
2013	28 083	2 906	4 500	7 406	35 489	1 492	28 243	29 735	7 679	4 523	12 202	17 533	21 896	31 126	53 022
2014	25 950	2 873	4 425	7 298	33 248	1 492	28 441	29 933	6 982	4 448	11 430	18 502	20 460	31 291	51 750
2015	21 834	2 856	4 326	7 183	29 017	1 492	28 640	30 132	5 801	4 349	10 150	19 982	17 525	31 473	48 998
2016	19 667	2 841	4 259	7 100	26 767	1 485	28 783	30 267	4 591	4 282	8 873	21 394	16 560	31 601	48 161
2017	18 241	2 801	4 145	6 946	25 187	1 477	28 927	30 404	4 209	4 168	8 377	22 027	15 509	31 705	47 214
2018	17 499	2 749	4 005	6 754	24 252	1 470	29 071	30 541	4 173	4 028	8 201	22 341	14 795	31 798	46 593
2019	15 081	2 712	3 888	6 600	21 681	1 462	29 217	30 679	3 270	3 911	7 180	23 499	13 274	31 906	45 180
2020	13 821	2 666	3 787	6 453	20 273	1 455	29 363	30 818	3 119	3 810	6 929	23 889	12 157	32 006	44 163
2021	13 203	2 623	3 689	6 313	19 515	1 448	29 510	30 958	3 081	3 712	6 794	24 164	11 569	32 110	43 679
2022	13 336	2 575	3 566	6 142	19 477	1 441	29 657	31 098	3 045	3 589	6 634	24 463	11 731	32 210	43 941
2023	11 769	2 533	3 436	5 970	17 739	1 433	29 806	31 239	2 768	3 459	6 227	25 011	10 434	32 316	42 750
2024	10 898	2 494	3 326	5 820	16 718	1 426	29 955	31 381	2 751	3 349	6 101	25 280	9 573	32 425	41 998
2025	10 207	2 447	3 233	5 680	15 887	1 419	30 104	31 523	2 735	3 256	5 991	25 532	8 891	32 529	41 419
2026	9 389	2 413	3 126	5 539	14 928	1 415	30 195	31 609	2 713	3 149	5 862	25 748	8 091	32 585	40 676
2027	8 758	2 374	3 003	5 376	14 135	1 411	30 285	31 696	2 704	3 026	5 730	25 966	7 465	32 636	40 101
2028	8 766	2 331	2 872	5 203	13 969	1 406	30 376	31 782	2 697	2 895	5 592	26 190	7 475	32 684	40 159
2029	8 035	2 292	2 736	5 028	13 063	1 402	30 467	31 869	2 693	2 759	5 452	26 417	6 744	32 736	39 480
2030	7 345	2 266	2 615	4 881	12 225	1 398	30 559	31 957	2 692	2 638	5 330	26 627	6 051	32 801	38 852

Met. - Metallurgical

EU - End Use

(e) - Estimate

Table A6.3: Canadian Coal Balances, Fortified Islands (kilotonnes (kT))

	Domestic			----- Exports -----			----- Imports -----			Net			----- Production -----		
	Thermal	End-use	Met	Met+EU	Demand	Thermal	Met	Total	Thermal	Met	Total	Exports	Thermal	Met	Total
1984	38 111	2 235	8 353	10 588	48 699	4 038	21 100	25 138	8 200	10 159	18 359	6 779	36 002	21 400	57 402
1985	37 893	2 540	8 232	10 773	48 666	4 878	22 500	27 378	11 500	3 120	14 620	12 758	36 554	24 300	60 854
1986	34 216	2 437	7 879	10 316	44 532	4 404	21 500	25 904	8 300	5 012	13 312	12 592	35 412	22 400	57 812
1987	39 485	2 468	8 188	10 655	50 140	4 341	22 400	26 741	6 900	7 445	14 345	12 396	38 611	22 600	61 211
1988	46 055	2 150	6 261	8 411	54 466	4 125	27 600	31 725	8 441	7 669	16 110	15 615	42 444	28 200	70 644
1989	45 839	2 038	5 918	7 956	53 795	4 227	28 600	32 827	8 392	7 348	15 740	17 087	42 429	28 100	70 529
1990	42 142	1 898	4 996	6 894	49 036	4 109	26 900	31 009	6 284	6 429	12 713	18 296	40 631	27 700	68 331
1991	43 826	1 441	4 906	6 347	50 173	5 312	28 800	34 112	7 413	5 886	13 299	20 813	42 038	29 100	71 138
1992	45 241	1 556	4 886	6 442	51 683	4 697	23 400	28 097	6 629	5 840	12 469	15 628	40 010	25 600	65 610
1993	42 726	1 588	4 665	6 253	48 979	4 813	23 500	28 313	4 256	5 589	9 845	18 468	41 027	28 000	69 027
1994	45 923	1 646	4 779	6 425	52 348	4 749	26 997	31 746	3 906	5 657	9 563	22 183	45 555	27 268	72 823
1995	46 807	1 905	4 193	6 098	52 905	4 948	29 045	33 993	5 215	4 520	9 735	24 258	45 861	29 055	74 916
1996	46 982	2 041	4 728	6 769	53 751	5 727	28 732	34 459	5 646	6 042	11 688	22 771	46 412	29 459	75 871
1997	49 565	2 227	4 490	6 717	56 282	6 411	30 071	36 482	8 022	6 129	14 151	22 331	48 028	30 659	78 687
1998	52 461	2 143	4 119	6 262	58 723	5 835	28 348	34 183	12 129	6 528	18 657	15 526	47 122	28 082	75 204
1999	52 041	2 127	4 360	6 487	58 528	4 875	28 665	33 540	16 103	3 656	19 759	13 781	40 927	31 496	72 423
2000	55 830	2 428	4 265	6 693	62 523	2 196	30 305	32 501	15 932	7 298	23 230	9 271	39 463	29 700	69 163
2001	55 540	2 266	4 255	6 521	62 061	2 782	26 914	29 696	15 443	3 987	19 430	10 266	40 908	29 448	70 356
2002	55 612	2 223	4 201	6 424	62 036	2 221	22 964	25 185	18 321	4 315	22 636	2 549	41 535	25 073	66 608
2003	55 213	2 388	4 174	6 562	61 775	1 389	23 716	25 105	19 422	3 294	22 716	2 389	35 179	26 984	62 163
2004	51 241	2 583	4 370	6 953	58 194	2 013	23 847	25 860	15 635	3 429	19 064	6 796	38 648	27 371	66 019
2005(e)	51 000	2 570	4 200	6 770	57 770	1 492	26 710	28 202	16 989	4 223	21 212	6 990	38 243	29 257	67 500
2006	47 636	2 739	4 219	6 959	54 595	1 502	26 897	28 399	15 866	4 242	20 109	8 291	33 272	29 613	62 886
2007	44 272	2 908	4 239	7 147	51 420	1 513	27 085	28 598	14 743	4 262	19 005	9 593	31 042	29 971	61 013
2008	42 686	2 872	4 325	7 197	49 884	1 524	27 275	28 798	14 841	4 348	19 188	9 610	29 369	30 124	59 494
2009	38 791	2 863	4 179	7 041	45 832	1 534	27 466	29 000	12 201	4 202	16 403	12 597	28 124	30 306	58 429
2010	34 753	2 848	4 085	6 933	41 686	1 545	27 658	29 203	9 425	4 108	13 533	15 670	26 873	30 483	57 356
2011	33 271	2 850	4 051	6 901	40 172	1 556	27 852	29 407	8 725	4 074	12 799	16 608	26 102	30 678	56 780
2012	31 755	2 854	4 028	6 882	38 638	1 567	28 047	29 613	8 535	4 051	12 586	17 027	24 787	30 878	55 664
2013	30 939	2 866	4 006	6 873	37 812	1 578	28 243	29 821	7 906	4 029	11 936	17 885	24 610	31 086	55 697
2014	29 871	2 863	3 926	6 788	36 659	1 589	28 441	30 029	7 265	3 949	11 214	18 816	24 194	31 280	55 475
2015	28 744	2 894	3 827	6 721	35 464	1 600	28 640	30 240	6 438	3 850	10 288	19 951	23 906	31 510	55 416
2016	27 250	2 918	3 742	6 660	33 910	1 608	28 783	30 391	5 468	3 765	9 233	21 158	23 390	31 678	55 068
2017	26 156	2 921	3 636	6 558	32 713	1 616	28 927	30 543	5 766	3 659	9 426	21 117	22 005	31 825	53 830
2018	25 299	2 925	3 519	6 444	31 743	1 624	29 071	30 695	5 748	3 542	9 291	21 405	21 175	31 973	53 148
2019	25 116	2 935	3 433	6 367	31 484	1 632	29 217	30 849	5 802	3 456	9 258	21 591	20 946	32 128	53 075
2020	24 500	2 972	3 341	6 313	30 814	1 640	29 363	31 003	5 801	3 364	9 165	21 838	20 340	32 312	52 652
2021	23 412	2 973	3 141	6 114	29 526	1 648	29 510	31 158	5 786	3 164	8 949	22 209	19 275	32 460	51 735
2022	22 788	2 960	2 870	5 830	28 618	1 657	29 657	31 314	5 765	2 893	8 658	22 656	18 680	32 594	51 274
2023	22 645	2 944	2 583	5 527	28 171	1 665	29 806	31 470	6 127	2 606	8 732	22 738	18 183	32 727	50 910
2024	21 555	2 951	2 341	5 292	26 847	1 673	29 955	31 628	5 785	2 364	8 149	23 479	17 444	32 882	50 326
2025	21 100	2 972	2 134	5 106	26 207	1 682	30 104	31 786	5 671	2 157	7 828	23 958	17 111	33 054	50 165
2026	20 478	2 991	1 896	4 887	25 365	1 687	30 195	31 881	5 651	1 919	7 569	24 312	16 514	33 163	49 677
2027	20 076	2 995	1 623	4 618	24 694	1 692	30 285	31 977	5 584	1 646	7 230	24 747	16 184	33 257	49 441
2028	19 490	2 991	1 358	4 349	23 839	1 697	30 376	32 073	5 746	1 381	7 127	24 946	15 441	33 344	48 786
2029	19 075	2 989	1 106	4 095	23 170	1 702	30 467	32 169	5 723	1 129	6 852	25 317	15 055	33 433	48 488
2030	18 467	2 999	831	3 830	22 297	1 707	30 559	32 266	5 707	854	6 561	25 704	14 467	33 535	48 002

Met. - Metallurgical

EU - End Use

(e) - Estimate



2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>862</b>	<b>878</b>	<b>895</b>	<b>909</b>	<b>915</b>	<b>924</b>	<b>930</b>	<b>937</b>	<b>944</b>	<b>953</b>	<b>957</b>	<b>966</b>	<b>977</b>	<b>987</b>	<b>994</b>	<b>1002</b>	<b>1012</b>
52	53	54	54	55	55	55	55	56	56	56	56	56	57	57	57	57
62	63	64	65	66	66	67	68	68	69	70	71	72	73	74	75	76
389	400	411	418	423	428	433	437	442	446	451	457	463	468	472	477	482
215	220	224	229	231	234	236	239	241	244	246	248	251	254	256	258	260
108	105	104	104	102	102	98	97	96	95	91	90	90	90	89	89	88
36	37	38	38	39	40	40	41	42	42	43	44	45	45	46	47	48
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>298</b>	<b>306</b>	<b>314</b>	<b>318</b>	<b>321</b>	<b>324</b>	<b>327</b>	<b>329</b>	<b>331</b>	<b>332</b>	<b>334</b>	<b>335</b>	<b>337</b>	<b>339</b>	<b>341</b>	<b>343</b>	<b>344</b>
10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16
181	188	193	196	199	201	204	206	208	209	211	212	213	214	216	217	218
37	38	39	40	40	41	41	42	42	42	43	43	44	44	44	45	45
51	51	52	52	52	53	52	51	50	50	49	49	49	49	49	49	49
3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>75</b>	<b>76</b>	<b>77</b>	<b>78</b>	<b>79</b>	<b>79</b>	<b>80</b>	<b>81</b>	<b>82</b>	<b>83</b>	<b>84</b>	<b>85</b>	<b>86</b>	<b>87</b>	<b>88</b>	<b>89</b>	<b>90</b>
5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6
6	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8
22	22	23	23	23	23	23	23	24	24	24	25	25	26	26	26	27
31	32	32	33	33	34	34	34	35	35	36	36	36	37	37	37	38
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	9	9
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>24</b>	<b>24</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>27</b>	<b>27</b>	<b>27</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>30</b>
1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	10	10	11	11	11	11	11	12	12	12	12	13	13	13	13	14
8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2





## National Energy Board

## Canada's Energy Future – Appendices

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Ontario</b>														
<b>Total GHG Emissions</b>	<b>203</b>	<b>196</b>	<b>201</b>	<b>210</b>	<b>204</b>	<b>209</b>	<b>210</b>	<b>213</b>	<b>218</b>	<b>219</b>	<b>220</b>	<b>223</b>	<b>223</b>	<b>224</b>
Residential	19	18	19	21	19	20	20	21	21	22	22	22	23	23
Commercial	19	19	18	19	18	18	18	19	19	19	19	19	20	20
Industrial	59	55	59	59	63	76	76	76	77	79	81	83	84	85
Transportation	58	57	58	59	61	61	60	60	61	63	64	66	67	68
Electric Generation	41	39	39	44	33	25	26	28	30	27	23	22	18	17
Other <sup>1</sup>	8	8	8	9	9	9	9	9	10	10	10	10	10	11
<b>Prince Edward Island</b>														
<b>Total GHG Emissions</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Transportation	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Electric Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Quebec</b>														
<b>Total GHG Emissions</b>	<b>91</b>	<b>90</b>	<b>92</b>	<b>98</b>	<b>97</b>	<b>102</b>	<b>103</b>	<b>104</b>	<b>105</b>	<b>107</b>	<b>109</b>	<b>110</b>	<b>112</b>	<b>113</b>
Residential	6	5	5	6	6	6	6	6	6	6	6	6	6	6
Commercial	7	7	8	9	8	8	8	8	8	8	9	9	9	9
Industrial	37	36	37	37	37	40	40	40	40	41	42	43	44	44
Transportation	32	32	33	34	35	35	36	36	36	37	38	39	40	40
Electric Generation	0	0	0	2	1	4	5	5	5	5	5	4	4	4
Other <sup>1</sup>	9	9	9	9	9	9	9	9	9	9	9	9	9	9
<b>Saskatchewan</b>														
<b>Total GHG Emissions</b>	<b>62</b>	<b>62</b>	<b>63</b>	<b>66</b>	<b>69</b>	<b>69</b>	<b>70</b>	<b>70</b>	<b>68</b>	<b>68</b>	<b>67</b>	<b>66</b>	<b>65</b>	<b>65</b>
Residential	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Commercial	6	5	6	5	5	5	6	6	6	6	6	6	6	6
Industrial	30	31	31	33	36	34	35	35	35	34	34	34	34	33
Transportation	9	8	8	9	9	9	9	9	9	9	9	9	9	10
Electric Generation	15	15	15	16	17	17	17	17	16	16	14	14	13	13
Other <sup>1</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Yukon</b>														
<b>Total GHG Emissions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electric Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

[1] 'Other' includes steam generation, solid waste, waste water and incineration







2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>749</b>	<b>744</b>	<b>741</b>	<b>736</b>	<b>729</b>	<b>724</b>	<b>719</b>	<b>719</b>	<b>717</b>	<b>713</b>	<b>711</b>	<b>709</b>	<b>713</b>	<b>715</b>	<b>716</b>	<b>716</b>	<b>719</b>
44	44	44	44	44	44	44	43	43	43	42	42	41	41	41	41	40
51	51	51	51	50	50	50	50	50	51	52	52	53	53	54	54	55
353	354	353	350	346	344	342	342	342	342	342	343	346	348	349	349	351
180	181	182	183	184	185	186	186	187	187	187	187	187	188	188	188	189
84	77	73	70	67	63	58	57	55	50	46	44	42	41	40	39	38
36	37	37	38	38	39	39	40	41	41	42	43	43	44	45	45	46
763	760	759	756	750	744	741	741	742	739	737	738	741	743	744	743	746
14	16	18	20	21	20	22	22	24	26	26	28	28	28	28	27	27
<b>749</b>	<b>744</b>	<b>741</b>	<b>736</b>	<b>729</b>	<b>724</b>	<b>719</b>	<b>719</b>	<b>717</b>	<b>713</b>	<b>711</b>	<b>709</b>	<b>713</b>	<b>715</b>	<b>716</b>	<b>716</b>	<b>719</b>
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>252</b>	<b>249</b>	<b>245</b>	<b>239</b>	<b>233</b>	<b>228</b>	<b>221</b>	<b>217</b>	<b>213</b>	<b>208</b>	<b>206</b>	<b>202</b>	<b>200</b>	<b>199</b>	<b>198</b>	<b>197</b>	<b>196</b>
8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7
12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	11	11
155	154	151	146	142	139	134	131	129	128	127	125	124	124	123	122	122
31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	30	30
42	40	39	38	37	36	34	33	31	27	26	24	23	22	22	21	21
3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5
264	264	262	257	252	247	241	238	237	233	231	229	228	226	226	224	222
12	15	17	19	19	19	21	21	23	25	25	28	28	27	28	27	27
<b>252</b>	<b>249</b>	<b>245</b>	<b>239</b>	<b>233</b>	<b>228</b>	<b>221</b>	<b>217</b>	<b>213</b>	<b>208</b>	<b>206</b>	<b>202</b>	<b>200</b>	<b>199</b>	<b>198</b>	<b>197</b>	<b>196</b>
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>66</b>	<b>66</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>68</b>	<b>68</b>	<b>69</b>	<b>69</b>	<b>70</b>	<b>70</b>	<b>71</b>	<b>71</b>	<b>72</b>	<b>72</b>	<b>73</b>
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6
21	21	21	21	21	21	21	21	21	22	22	22	22	23	23	23	23
26	26	27	27	27	27	27	27	27	27	28	28	28	28	28	28	28
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
<b>21</b>	<b>21</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>25</b>	<b>25</b>
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	10	10	10	11	11	11	11	12	12	12	12	13	13	13	13	13
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Ontario</b>														
<b>Total GHG Emissions</b>	<b>203</b>	<b>196</b>	<b>201</b>	<b>210</b>	<b>204</b>	<b>208</b>	<b>206</b>	<b>209</b>	<b>209</b>	<b>207</b>	<b>203</b>	<b>202</b>	<b>200</b>	<b>201</b>
Residential	19	18	19	21	19	20	20	20	20	20	20	20	20	20
Commercial	19	19	18	19	18	18	18	18	18	18	17	17	17	17
Industrial	59	55	59	59	63	76	76	76	76	78	80	80	80	81
Transportation	58	57	58	59	61	60	59	59	58	57	57	57	57	58
Electric Generation	41	39	39	44	33	25	24	26	28	24	18	17	15	14
Other <sup>1</sup>	8	8	8	9	9	9	9	9	10	10	10	10	10	10
<b>Prince Edward Island</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Total GHG Emissions</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Transportation	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Electric Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Quebec</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Total GHG Emissions</b>	<b>91</b>	<b>90</b>	<b>92</b>	<b>98</b>	<b>97</b>	<b>102</b>	<b>103</b>	<b>103</b>	<b>102</b>	<b>102</b>	<b>102</b>	<b>102</b>	<b>101</b>	<b>102</b>
Residential	6	5	5	6	6	6	6	6	6	6	5	5	5	5
Commercial	7	7	8	9	8	8	8	8	8	8	8	8	8	7
Industrial	37	36	37	37	37	40	40	40	40	41	41	42	42	42
Transportation	32	32	33	34	35	35	35	35	35	34	34	34	34	34
Electric Generation	0	0	0	2	1	5	5	5	5	4	4	4	4	4
Other <sup>1</sup>	9	9	9	9	9	9	9	9	9	9	9	9	9	9
<b>Saskatchewan</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Total Net GHG Emissions</b>	<b>62</b>	<b>62</b>	<b>63</b>	<b>66</b>	<b>69</b>	<b>66</b>	<b>68</b>	<b>68</b>	<b>67</b>	<b>66</b>	<b>64</b>	<b>62</b>	<b>58</b>	<b>57</b>
Residential	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Commercial	6	5	6	5	5	5	6	6	5	5	5	5	5	5
Industrial	30	31	31	33	36	34	35	36	35	35	35	34	34	33
Transportation	9	8	8	9	9	9	9	9	9	9	9	9	8	8
Electric Generation	15	15	15	16	17	15	15	15	14	15	12	12	8	8
Other <sup>1</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>GHG Reductions</b>														
Total GHG Emissions	62	62	63	66	69	66	68	68	67	66	64	62	60	58
GHG Capture	-	-	-	-	-	0	0	0	0	0	0	0	2	2
Total Net GHG Emissions	<b>62</b>	<b>62</b>	<b>63</b>	<b>66</b>	<b>69</b>	<b>66</b>	<b>68</b>	<b>68</b>	<b>67</b>	<b>66</b>	<b>64</b>	<b>62</b>	<b>58</b>	<b>57</b>
<b>Yukon</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Total GHG Emissions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electric Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

[1] 'Other' includes steam generation, solid waste, waste water and incineration







2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
802	817	824	830	835	843	851	855	855	857	855	857	860	862	863	864	866
47	47	47	48	48	48	48	48	48	48	48	48	48	48	48	47	47
56	57	57	57	58	58	59	59	58	59	59	59	59	59	60	60	61
377	389	396	401	405	410	418	422	423	424	425	427	429	430	430	430	432
190	192	194	196	198	200	202	204	205	207	208	209	211	213	214	215	217
97	96	93	91	89	89	85	83	82	80	75	73	72	70	68	67	66
36	36	37	37	38	38	39	39	40	40	41	41	42	42	43	43	44
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
291	303	310	313	318	322	328	331	332	335	336	337	337	338	339	339	340
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	14	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16
185	194	200	204	208	211	216	219	222	224	225	226	226	227	227	228	229
34	35	36	36	37	38	38	39	39	40	41	41	42	42	43	43	44
46	46	46	45	44	44	44	43	42	41	40	40	39	39	38	37	37
3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
70	70	71	72	72	73	73	74	75	75	76	77	78	79	80	81	81
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7
21	21	21	21	21	21	21	21	21	22	22	22	23	23	23	23	24
28	29	29	30	30	30	31	31	32	32	33	33	33	34	34	34	35
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
21	22	22	22	22	22	22	23	23	23	23	23	24	24	24	24	24
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	9	10	10	10	10	10	10	10	10	11	11	11	11	11	11	12
7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2





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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Ontario</b>														
<b>Total GHG Emissions</b>	<b>203</b>	<b>196</b>	<b>201</b>	<b>210</b>	<b>204</b>	<b>209</b>	<b>210</b>	<b>212</b>	<b>212</b>	<b>206</b>	<b>200</b>	<b>199</b>	<b>199</b>	<b>199</b>
Residential	19	18	19	21	19	20	20	21	21	21	21	21	21	21
Commercial	19	19	18	19	18	18	18	19	18	18	18	18	18	18
Industrial	59	55	59	59	63	76	76	76	76	75	75	75	76	77
Transportation	58	57	58	59	61	61	60	60	59	59	58	58	59	59
Electric Generation	41	39	39	44	33	25	26	28	29	24	18	17	16	15
Other <sup>1</sup>	8	8	8	9	9	9	9	9	10	10	10	10	10	10
<b>Prince Edward Island</b>														
<b>Total GHG Emissions</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Transportation	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Electric Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Quebec</b>														
<b>Total GHG Emissions</b>	<b>91</b>	<b>90</b>	<b>92</b>	<b>98</b>	<b>97</b>	<b>102</b>	<b>103</b>	<b>103</b>	<b>102</b>	<b>102</b>	<b>100</b>	<b>101</b>	<b>101</b>	<b>102</b>
Residential	6	5	5	6	6	6	6	6	6	6	6	6	6	6
Commercial	7	7	8	9	8	8	8	8	8	8	8	8	8	8
Industrial	37	36	37	37	37	40	40	40	40	39	39	39	40	40
Transportation	32	32	33	34	35	35	36	36	35	35	35	35	35	35
Electric Generation	0	0	0	2	1	4	5	5	5	4	4	4	4	4
Other <sup>1</sup>	9	9	9	9	9	9	9	9	9	9	9	9	9	9
<b>Saskatchewan</b>														
<b>Total GHG Emissions</b>	<b>62</b>	<b>62</b>	<b>63</b>	<b>66</b>	<b>69</b>	<b>68</b>	<b>69</b>	<b>70</b>	<b>67</b>	<b>66</b>	<b>64</b>	<b>63</b>	<b>63</b>	<b>62</b>
Residential	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Commercial	6	5	6	5	5	5	6	6	5	5	5	5	5	5
Industrial	30	31	31	33	36	34	35	35	35	34	34	34	33	33
Transportation	9	8	8	9	9	9	9	9	9	9	9	9	9	9
Electric Generation	15	15	15	16	17	17	17	17	15	14	13	13	12	12
Other <sup>1</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Yukon</b>														
<b>Total GHG Emissions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electric Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

[1] 'Other' includes steam generation, solid waste, waste water and incineration



