

**APPENDIX B:
B.C. Hydro Supply-Demand Balances**

**APPENDIX C:
B.C. Hydro, Final Integrated Resource Plan (2013),
Appendix 5A (Excerpt)**

Electricity Price Data Tables

Table 5 Electricity Price Forecasts by Market Scenario (Real 2012 US\$/MWh at Mid-C)

Market Scenario	1	2	3	4	5
	Mid Electricity Mid GHG (Regional) Mid Gas	Low Electricity Low GHG (Regional) Low Gas	High Electricity High GHG (Regional) High Gas	Mid Electricity Mid GHG (Regional/Nat'l) Mid Gas	High Electricity High GHG (Regional/Nat'l) High Gas
2014	25.0	21.9	31.1	25.0	31.1
2015	25.5	21.7	31.9	25.5	31.9
2016	25.8	21.2	32.0	25.8	32.0
2017	27.1	22.0	33.4	27.1	33.4
2018	27.1	21.7	33.9	27.1	33.9
2019	28.0	22.1	35.5	28.0	35.5
2020	28.0	21.9	36.0	28.0	36.0
2021	29.3	22.5	37.3	29.3	37.3
2022	30.1	22.7	38.8	30.9	41.3
2023	31.8	23.2	41.7	35.5	52.1
2024	33.0	23.7	43.4	41.8	68.6
2025	34.2	24.0	45.4	50.3	91.2
2026	34.9	24.1	46.7	52.2	95.1
2027	36.0	24.3	48.6	54.7	98.9
2028	36.3	24.0	50.2	56.8	101.8
2029	37.2	23.9	51.1	58.8	106.1
2030	37.6	23.8	52.7	60.1	109.3
2031	38.6	24.0	54.7	62.6	112.0
2032	39.9	24.0	57.0	65.6	116.0
2033	41.5	24.4	60.1	69.3	122.0
2034	42.8	25.1	61.9	71.5	125.7
2035	44.6	26.2	64.5	74.5	131.0
2036	45.7	26.9	66.2	76.4	134.3
2037	47.8	28.1	69.1	79.8	140.3
2038	48.4	28.4	70.0	80.8	142.1
2039	48.9	28.7	70.7	81.6	143.5
2040	49.3	29.0	71.4	82.4	144.9

**Table 6 B.C. Buy Electricity Market Price
 Forecasts by Market Scenario (Real 2012
 US\$/MWh at B.C. Border)¹**

Market Scenario	1	2	3	4	5
	Mid Electricity Mid GHG (Regional) Mid Gas	Low Electricity Low GHG (Regional) Low Gas	High Electricity High GHG (Regional) High Gas	Mid Electricity Mid GHG (Regional/Nat'l) Mid Gas	High Electricity High GHG (Regional/Nat'l) High Gas
2014	29.8	26.6	36.0	29.8	36.0
2015	30.3	26.5	36.9	30.3	36.9
2016	30.6	25.9	36.9	30.6	36.9
2017	31.9	26.8	38.4	31.9	38.4
2018	31.9	26.4	38.8	31.9	38.8
2019	32.9	26.8	40.5	32.9	40.5
2020	32.9	26.6	41.0	32.9	41.0
2021	34.2	27.2	42.4	34.2	42.4
2022	35.0	27.5	43.8	35.9	46.4
2023	36.7	28.0	46.8	40.5	57.4
2024	38.0	28.5	48.6	47.0	74.3
2025	39.2	28.7	50.6	55.6	97.3
2026	39.8	28.9	51.9	57.5	101.2
2027	41.0	29.1	53.9	60.1	105.1
2028	41.3	28.8	55.5	62.2	108.0
2029	42.2	28.7	56.4	64.2	112.5
2030	42.6	28.6	58.0	65.6	115.7
2031	43.7	28.8	60.1	68.1	118.5
2032	44.9	28.7	62.4	71.2	122.6
2033	46.6	29.2	65.6	75.0	128.6
2034	47.9	29.9	67.4	77.2	132.4
2035	49.8	31.0	70.1	80.2	137.8
2036	50.9	31.7	71.8	82.2	141.2
2037	53.0	32.9	74.8	85.6	147.3
2038	53.6	33.3	75.7	86.7	149.1
2039	54.1	33.6	76.4	87.5	150.6
2040	54.6	33.9	77.1	88.3	152.0

¹ Based on Electricity Price Forecast at Mid-C shown in Table 5 plus wheeling and losses to B.C. Border

**Table 7 B.C. Sell Electricity Market Price
 Forecasts by Market Scenario (Real 2012
 US\$/MWh at B.C. Border)²**

Market Scenario	1	2	3	4	5
	Mid Electricity Mid GHG (Regional) Mid Gas	Low Electricity Low GHG (Regional) Low Gas	High Electricity High GHG (Regional) High Gas	Mid Electricity Mid GHG (Regional/Nat'l) Mid Gas	High Electricity High GHG (Regional/Nat'l) High Gas
2014	20.2	17.1	26.2	20.2	26.2
2015	20.7	17.0	27.0	20.7	27.0
2016	21.0	16.4	27.0	21.0	27.0
2017	22.2	17.3	28.5	22.2	28.5
2018	22.2	16.9	28.9	22.2	28.9
2019	23.2	17.3	30.4	23.2	30.4
2020	23.2	17.1	31.0	23.2	31.0
2021	24.4	17.7	32.3	24.4	32.3
2022	25.1	17.9	33.7	26.0	36.2
2023	26.8	18.5	36.6	30.5	46.8
2024	28.1	19.0	38.3	36.7	63.0
2025	29.2	19.2	40.2	45.1	85.2
2026	29.9	19.3	41.5	46.9	88.9
2027	31.0	19.5	43.4	49.3	92.7
2028	31.3	19.3	44.9	51.4	95.5
2029	32.2	19.1	45.8	53.4	99.8
2030	32.5	19.1	47.3	54.6	102.9
2031	33.6	19.2	49.3	57.1	105.6
2032	34.8	19.2	51.6	60.0	109.5
2033	36.4	19.6	54.6	63.7	115.3
2034	37.7	20.3	56.4	65.8	119.0
2035	39.4	21.4	59.0	68.8	124.2
2036	40.5	22.0	60.6	70.6	127.4
2037	42.5	23.2	63.5	73.9	133.3
2038	43.1	23.5	64.3	74.9	135.0
2039	43.6	23.8	65.0	75.7	136.4
2040	44.1	24.1	65.7	76.5	137.8

² Based on Electricity Price Forecast at Mid-C shown in Table 5 less wheeling and losses to B.C. Border