

1 Q. Please provide operating data for each of the thermal units at Holyrood and
2 each gas turbine, including the NP turbines for 2002 to 2005. The data
3 should give operating hours and levels by month for each unit.
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6 A. Refer to the attached tables for monthly thermal unit operating data for 2002
7 to 2005, inclusive. The table contains generating unit production in kilowatt-
8 hours, operating hours and average output operating level, in kilowatts
9 (production divided by operating hours) for Holyrood thermal units,
10 Hardwoods gas turbine, Stephenville gas turbine and Holyrood gas turbine.
11 Hydro does not record operating data on NP thermal generation. NP thermal
12 production, in kilowatt-hours, at Hydro request is presented in the tables.

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Thermal Unit Operating Data

2004	January	February	March	April	May	June	July	August	September	October	November	December	Total
Holyrood 1 Energy (kWh)	81,420,000	88,050,000	99,240,000	94,360,000	75,860,000	4,630,000	0	0	0	43,760,000	82,710,000	76,760,000	646,790,000
Holyrood 2 Energy (kWh)	69,080,000	82,510,000	98,310,000	29,950,000	0	38,900,000	0	53,900,000	8,830,000	0	30,510,000	96,910,000	508,900,000
Holyrood 3 Energy (kWh)	72,240,000	78,610,000	57,570,000	88,550,000	6,640,000	0	0	2,730,000	80,880,000	58,890,000	61,980,000	80,130,000	588,220,000
Holyrood 1 Operating Hours	724.06	696.00	744.00	697.65	687.53	37.94	0.00	0.00	0.00	580.43	707.26	544.53	5,419.40
Holyrood 2 Operating Hours	698.54	683.82	700.18	208.08	0.00	585.65	0.00	445.73	61.63	0.00	294.05	714.84	4,392.51
Holyrood 3 Operating Hours	678.68	696.00	507.26	710.66	42.71	0.00	0.00	54.01	720.00	639.36	513.86	634.93	5,197.47
Holyrood 1 Level when Operating (kW)	112,449	126,509	133,387	135,255	110,337	122,022	0	0	0	75,392	116,945	140,965	119,347
Holyrood 2 Level when Operating (kW)	98,892	120,660	140,407	143,936	0	66,422	0	120,925	143,270	0	103,759	135,570	115,856
Holyrood 3 Level when Operating (kW)	106,442	112,945	113,492	124,603	155,483	0	0	50,542	112,333	92,108	120,616	126,203	113,174
Hardwoods GT Energy (kWh)	7,200	72,000	0	0	0	0	0	0	0	21,600	0	14,400	115,200
Hardwoods GT Operating Hours	0.20	3.50	0.05	0.00	0.00	0.00	0.00	0.00	0.00	3.68	0.00	8.77	16
Hardwoods GT Level when Operating (kW)	36,000	20,571	0	0	0	0	0	0	0	5,870	0	1,642	7,111
Stephenville GT Energy (kWh)	0	7,200	0	0	0	0	0	0	28,800	0	0	0	36,000
Stephenville GT Operating Hours	0.07	0.95	0.00	0.00	0.00	0.00	0.00	0.00	3.57	0.07	0.00	0.48	5
Stephenville GT Level when Operating (kW)	0	7,579	0	0	0	0	0	0	8,067	0	0	0	7,004
Holyrood GT Energy (kWh)	4,000	7,000	0	4,000	3,000	3,000	4,000	2,000	3,000	3,000	4,000	3,000	40,000
Holyrood GT Operating Hours	0.70	0.98	0.03	0.87	0.62	0.58	0.82	0.43	2.30	0.82	0.60	0.80	10
Holyrood GT Level when Operating (kW)	5,714	7,143	0	4,598	4,839	5,172	4,878	4,651	1,304	3,659	6,667	3,750	4,188
Requested NP Thermal (kWh)	0	0	0	0	0	0	0	416,867	0	0	0	0	416,867

2005	January	February	March	April	May	June	July	August	September	October	November	December	Total
Holyrood 1 Energy (kWh)	86,360,000	94,530,000	89,250,000	40,300,000	0	0	0	0	0	33,240,000	59,260,000	31,690,000	434,630,000
Holyrood 2 Energy (kWh)	92,230,000	72,440,000	100,760,000	21,780,000	16,190,000	0	0	0	130,000	63,610,000	58,130,000	45,160,000	470,430,000
Holyrood 3 Energy (kWh)	77,710,000	87,060,000	68,080,000	48,020,000	3,780,000	8,090,000	74,490,000	37,540,000	62,660,000	9,740,000	0	31,780,000	508,950,000
Holyrood 1 Operating Hours	744.00	672.00	706.80	429.75	0.00	0.00	0.00	0.00	0.00	368.33	720.00	475.12	4,115.99
Holyrood 2 Operating Hours	744.00	524.83	744.00	244.24	244.92	0.00	0.00	0.00	5.83	701.34	700.13	694.30	4,603.60
Holyrood 3 Operating Hours	744.00	672.00	734.33	625.03	42.78	81.00	643.11	376.32	671.98	95.51	0.00	485.31	5,171.36
Holyrood 1 Level when Operating (kW)	116,075	140,670	126,273	93,776	0	0	0	0	0	90,246	82,306	66,699	105,595
Holyrood 2 Level when Operating (kW)	123,965	138,025	135,430	89,173	66,102	0	0	0	22,291	90,697	83,028	65,044	102,187
Holyrood 3 Level when Operating (kW)	104,449	129,554	92,711	76,829	88,359	99,877	115,827	99,757	93,247	101,980	0	65,484	98,417
Hardwoods GT Energy (kWh)	0	28,800	0	7,200	345,600	50,400	0	21,600	100,800	0	43,200	14,400	612,000
Hardwoods GT Operating Hours	0.00	3.13	0.33	0.00	56.30	9.87	0.00	2.20	10.32	0.00	0.00	1.22	83
Hardwoods GT Level when Operating (kW)	0	9,201	0	0	6,139	5,106	0	9,818	9,767	0	0	11,803	7,341
Stephenville GT Energy (kWh)	0	21,600	0	0	0	7,200	0	36,000	100,800	14,400	14,400	0	194,400
Stephenville GT Operating Hours	0.00	2.35	0.00	0.00	0.00	1.72	0.00	1.70	8.00	0.90	0.00	0.00	15
Stephenville GT Level when Operating (kW)	0	9,191	0	0	0	4,186	0	21,176	12,600	16,000	0	0	13,252
Holyrood GT Energy (kWh)	4,000	3,000	2,000	3,000	1,000	2,000	4,000	4,000	3,000	2,000	3,000	4,000	35,000
Holyrood GT Operating Hours	0.57	0.58	0.67	0.52	0.30	0.58	0.50	2.73	0.68	0.45	0.53	0.72	9
Holyrood GT Level when Operating (kW)	7,018	5,172	2,985	5,769	3,333	3,448	8,000	1,465	4,412	4,444	5,660	5,556	3,964
Requested NP Thermal (kWh)	0	0	0	0	0	0	0	0	14,402	0	0	0	14,402