

- 1 Q. Provide the capacity factors for each year for the time period 1998 to 2002 and
2 forecasts for 2003 and 2004 on each of Hydro's hydraulic and thermal plants
3 (including gas turbines and diesels) on the Island Interconnected System.
4
5
6 A. The net capacity factors for all Island Interconnected System generating
7 plants are provided on the attached tables.

Newfoundland & Labrador Hydro Capacity Factors

Year	Net Production (kWh)	Net Capacity (MW)	Net Production Hours	Net Capacity Factor
Bay d'Espoir				
1998	2,609,236,542	592	8,760	50.31%
1999	3,088,238,874	592	8,760	59.55%
2000	3,115,048,699	592	8,784	59.90%
2001	2,392,439,847	592	8,760	46.13%
2002	2,351,727,286	592	8,760	45.35%
2003 Forecast	2,351,000,000	592	8,760	45.33%
2004 Forecast	2,657,000,000	592	8,784	51.09%
Average	2,652,098,750	592	8,767	54.44%
Hinds Lake				
1998	408,690,300	75	8,760	62.21%
1999	345,717,400	75	8,760	52.62%
2000	387,975,200	75	8,784	58.89%
2001	315,903,900	75	8,760	48.08%
2002	359,677,800	75	8,760	54.75%
2003 Forecast	321,000,000	75	8,760	48.86%
2004 Forecast	352,000,000	75	8,784	53.43%
Average	355,852,086	75	8,767	54.12%
Upper Salmon				
1998	553,898,400	84	8,760	75.27%
1999	649,086,200	84	8,760	88.21%
2000	636,938,500	84	8,784	86.32%
2001	532,428,600	84	8,760	72.36%
2002	490,657,995	84	8,760	66.68%
2003 Forecast	505,000,000	84	8,760	68.63%
2004 Forecast	572,000,000	84	8,784	77.52%
Average	562,858,528	84	8,767	76.43%
Cat Arm				
1998	650,412,900	127	8,760	58.46%
1999	674,854,100	127	8,760	60.66%
2000	836,766,400	127	8,784	75.01%
2001	683,864,600	127	8,760	61.47%
2002	746,076,550	127	8,760	67.06%
2003 Forecast	817,000,000	127	8,760	73.44%
2004 Forecast	733,000,000	127	8,784	65.71%
Average	734,567,793	127	8,767	65.98%

Newfoundland & Labrador Hydro Capacity Factors

Year	Net Production (kWh)	Net Capacity (MW)	Net Production Hours	Net Capacity Factor
Paradise River				
1998	32,005,510	8	8,760	45.67%
1999	37,971,130	8	8,760	54.18%
2000	36,441,220	8	8,784	51.86%
2001	29,258,590	8	8,760	41.75%
2002	31,842,813	8	8,760	45.44%
2003 Forecast	37,000,000	8	8,760	52.80%
2004 Forecast	37,000,000	8	8,784	52.65%
Average	34,502,752	8	8,767	49.19%
Granite Canal				
1998	N/A	N/A	N/A	N/A
1999	N/A	N/A	N/A	N/A
2000	N/A	N/A	N/A	N/A
2001	N/A	N/A	N/A	N/A
2002	N/A	N/A	N/A	N/A
2003 Forecast	119,000,000	40	8,760	33.96%
2004 Forecast	224,000,000	40	8,784	63.75%
Average	171,500,000	40	8,772	48.88%
N/A: Not Applicable				
Snook's Arm				
1998	4,033,170	0.56	8,760	82.22%
1999	2,981,640	0.56	8,760	60.78%
2000	1,661,760	0.56	8,784	33.78%
2001	2,795,220	0.56	8,760	56.98%
2002	3,212,550	0.56	8,760	65.49%
2003 Forecast	3,601,950	0.56	8,760	73.43%
2004 Forecast	3,601,950	0.56	8,784	73.22%
Average	3,126,891	0.56	8,767	63.69%
Venam's Bight				
1998	2,900,520	0.36	8,760	91.97%
1999	2,592,900	0.36	8,760	82.22%
2000	1,151,040	0.36	8,784	36.40%
2001	2,184,660	0.36	8,760	69.28%
2002	1,878,300	0.36	8,760	59.56%
2003 Forecast	2,503,050	0.36	8,760	79.37%
2004 Forecast	2,503,050	0.36	8,784	79.15%
Average	2,244,789	0.36	8,767	71.13%

Newfoundland & Labrador Hydro Capacity Factors

Year	Net Production (kWh)	Net Capacity (MW)	Net Production Hours	Net Capacity Factor
Roddickton Mini Hydro				
1998	1,348,514	0.40	8,760	38.48%
1999	1,111,690	0.40	8,760	31.73%
2000	731,940	0.40	8,784	20.83%
2001	891,026	0.40	8,760	25.43%
2002	987,070	0.40	8,760	28.17%
2003 Forecast	1,048,000	0.40	8,760	29.91%
2004 Forecast	1,048,000	0.40	8,784	29.83%
Average	1,023,749	0.40	8,767	29.19%
THERMAL Holyrood				
1998	1,263,264,060	466	8,760	30.95%
1999	919,801,520	466	8,760	22.53%
2000	970,283,280	466	8,784	23.70%
2001	2,098,489,700	466	8,760	51.41%
2002	2,385,262,000	466	8,760	58.43%
2003 Forecast	2,259,860,000	466	8,760	55.36%
2004 Forecast	1,790,150,000	466	8,784	43.73%
Average	1,669,587,223	466	8,767	40.87%
Hardwoods GAS TURBINE				
1998	(204,270)	54	8,760	-0.04%
1999	(214,544)	54	8,760	-0.05%
2000	(662,432)	54	8,784	-0.14%
2001	(706,547)	54	8,760	-0.15%
2002	(566,833)	54	8,760	-0.12%
2003 Forecast	1,500,000	54	8,760	0.32%
2004 Forecast	1,220,000	54	8,784	0.26%
Average	52,196	54	8,767	0.01%
Stephenville GAS TURBINE				
1998	(598,860)	54	8,760	-0.13%
1999	(253,200)	54	8,760	-0.05%
2000	(553,460)	54	8,784	-0.12%
2001	(606,600)	54	8,760	-0.13%
2002	(605,280)	54	8,760	-0.13%
2003 Forecast	1,200,000	54	8,760	0.25%
2004 Forecast	1,200,000	54	8,784	0.25%
Average	(31,057)	54	8,767	-0.01%

**Newfoundland & Labrador Hydro
Capacity Factors**

Year	Net Production (kWh)	Net Capacity (MW)	Net Production Hours	Net Capacity Factor
Holyrood GAS TURBINE				
1998	248,000	10	8,760	0.28%
1999	296,000	10	8,760	0.34%
2000	124,000	10	8,784	0.14%
2001	120,000	10	8,760	0.14%
2002	107,000	10	8,760	0.12%
2003 Forecast	360,000	10	8,760	0.41%
2004 Forecast	240,000	10	8,784	0.27%
Average	213,571	10	8,767	0.24%
St. Anthony Diesel GROSS				
1998	395,200	8.00	8,760	0.56%
1999	216,000	8.00	8,760	0.31%
2000	139,200	8.00	8,784	0.20%
2001	206,400	8.00	8,760	0.29%
2002	256,030	8.00	8,760	0.37%
2003 Forecast	204,000	8.00	8,760	0.29%
2004 Forecast	204,000	8.00	8,784	0.29%
Average	231,547	8	8,767	0.33%
Hawkes Bay Diesel GROSS				
1998	115,888	5	8,760	0.26%
1999	170,056	5	8,760	0.39%
2000	51,100	5	8,784	0.12%
2001	79,692	5	8,760	0.18%
2002	87,150	5	8,760	0.20%
2003 Forecast	132,000	5	8,760	0.30%
2004 Forecast	132,000	5	8,784	0.30%
Average	109,698	5	8,767	0.25%
Roddickton Diesel GROSS				
1998	122,400	2.00	8,760	0.70%
1999	19,800	2.00	8,760	0.11%
2000	0	1.70	8,784	0.00%
2001	43,800	1.70	8,760	0.29%
2002	20,400	1.70	8,760	0.14%
2003 Forecast	24,000	1.70	8,760	0.16%
2004 Forecast	24,000	1.70	8,784	0.16%
Average	36,343	1.79	8,767	0.23%
Roddickton Woodchip				
1998	(259,852)	4.60	8,760	-0.64%
1999	(410,481)	4.60	8,760	-1.02%
2000				
Average	(335,167)	4.60	8,760	-0.83%