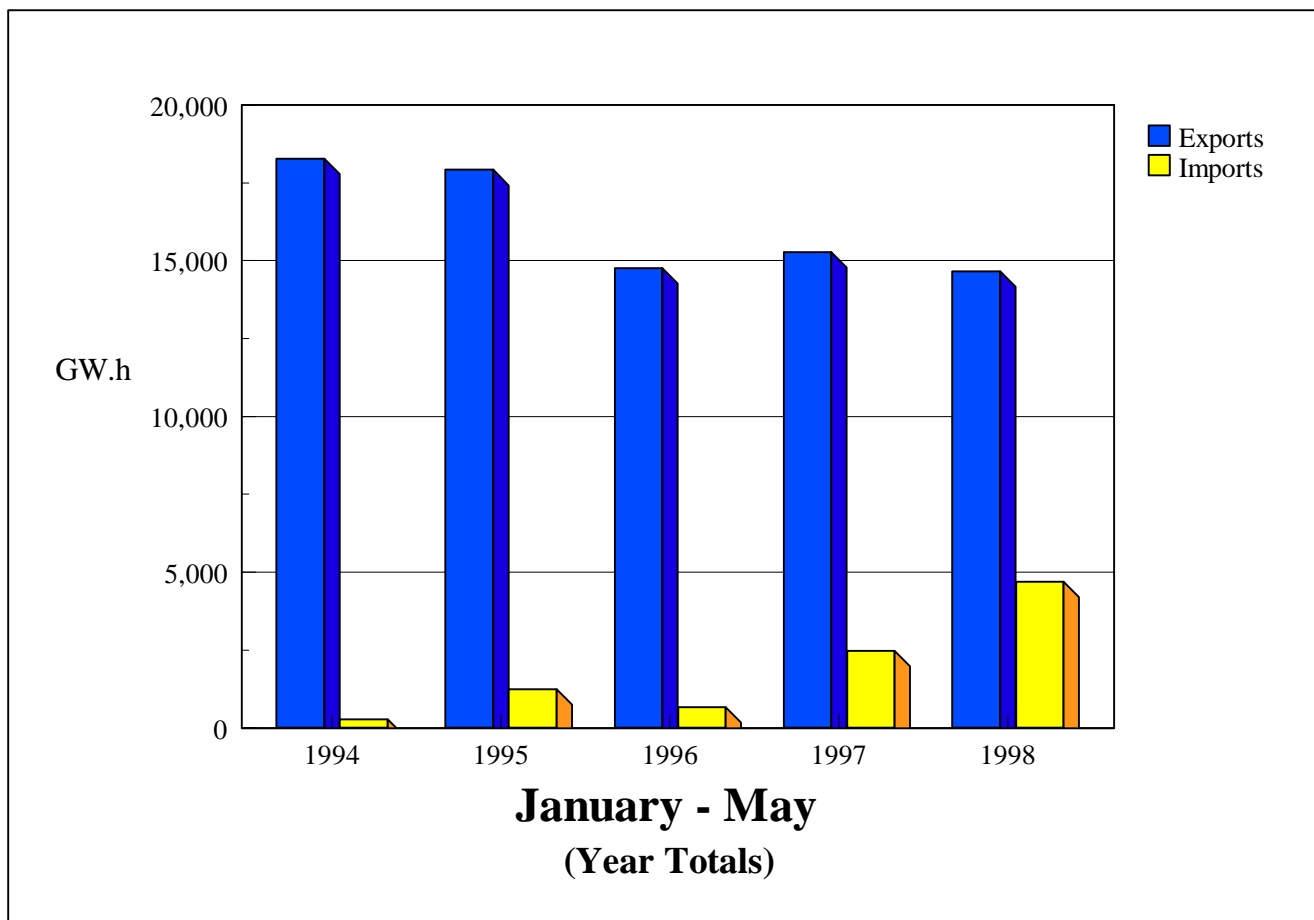




# Electricity Exports and Imports

## Monthly Statistics for: **May 1998**

Exports: **3141** GW.h  
Imports: **1093** GW.h





National Energy Board  
Office national de l'énergie

# TABLE 1

## Exports and Imports of Electricity

### Summary: Canada

#### MAY 1998

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Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
	MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>Exports of Electric Energy</b>						
Firm	1 739 804	7 679 072	75 362 336	325 990 066	31.85	29.74
Interruptible	1 401 052	6 973 434	43 065 830	207 946 572	29.06	26.92
Non-Revenue/Inadvertant	266 164	1 708 211	0	0	0.00	0.00
Service	22 668	231 837	0	0	0.00	0.00
<b>Total Exports</b>	<b>3 429 689</b>	<b>16 592 555</b>	<b>118 428 166</b>	<b>533 936 638</b>	<b>28.03</b>	<b>26.26</b>
Total Sales - Firm and Interruptible	3 140 856	14 652 506	118 428 166	533 936 638	30.61	28.16
<b>Imports of Electric Energy</b>						
Non-Revenue/Inadvertant	243 412	1 369 269	0	0	0.00	0.00
Purchase	1 092 692	4 702 479	18 665 780	83 209 351	14.43	20.59
Service	80 975	381 312	31 193	96 230	0.39	0.42
<b>Total Imports</b>	<b>1 417 079</b>	<b>6 453 059</b>	<b>18 696 973</b>	<b>83 305 580</b>	<b>11.15</b>	<b>15.95</b>
<b>Excess of Exports Over Imports</b>	<b>2 012 609</b>	<b>10 139 495</b>	<b>99 731 193</b>	<b>450 631 058</b>		
<b>Number of Export Licences:</b>	<b>17</b>					
<b>Number of Export Permits/Orders:</b>	<b>82</b>					
	<b>99</b>					

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.

*For further information, contact:*  
**Dave Walker,**  
**Research Officer,**  
**Energy Commodities Branch**  
**National Energy Board**  
**(403) 299 - 3171**



## TABLE 2A Export Summary Report by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
			MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>Alberta</b>								
Enron Canada	Permit 98	I	0	887	0	15 504	0.00	17.48
TransAlta Ener.	Permit 73	I	0	150	0	2 349	0.00	15.66
	Permit 74	F	75	48 685	788	934 581	10.51	16.97
<b>Subtotal Firm and Interruptible Exports: Alberta</b>			<b>75</b>	<b>49 722</b>	<b>788</b>	<b>952 433</b>	<b>10.51</b>	<b>16.97</b>
<b>British Columbia</b>								
BC Hydro	Permit 105	F	70	406	0	15 351	0.00	57.57
	Treaty	N	19 346	180 736	0	0	0.00	0.00
BC Hydro/Powerx	Permit 43	I	143 043	2 196 744	3 293 846	63 775 486	23.03	25.89
	Permit 44	F	7 127	82 130	139 213	2 195 151	19.53	27.88
Cominco	Permit 57	I	0	92 662	0	2 404 369	0.00	25.70
Powerex	Permit 92	F	0	294 005	0	0	0.00	0.00
	Permit 95	F	0	11 560	0	559 113	0.00	43.66
<b>Subtotal Firm and Interruptible Exports: British Columbia</b>			<b>150 240</b>	<b>2 677 507</b>	<b>3 433 059</b>	<b>68 949 471</b>	<b>22.85</b>	<b>24.10</b>

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

- F - Firm Sales
- I - Interruptible Sales
- P - Purchase (Import)
- N - Non-Revenue (Non-Revenue or Inadvertent)
- S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:

- Revenue for Permit 92 not available.



## TABLE 2A Export Summary Report by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
			MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>Manitoba</b>								
Manitoba Hydro	Licence 170	F	288 009	1 398 999	13 456 095	64 514 341	23.31	22.70
	Permit 33	F	20 012	20 012	405 025	405 025	20.24	18.84
	Permit 34	F	13 337	13 337	280 812	280 812	21.06	20.03
	Permit 45	F	202 741	701 217	6 299 518	17 650 004	27.43	21.62
	Permit 46	I	581 307	2 438 141	13 853 495	54 022 775	23.84	19.56
		N	-10 231	- 150 177	0	0	0.00	0.00
	Permit 61	F	214	1 922	12 662	87 579	59.20	46.50
	Permit 68	F	11 958	39 748	560 584	2 231 300	23.73	19.35
<b>Subtotal Firm and Interruptible Exports: Manitoba</b>			<b>1 117 578</b>	<b>4 613 376</b>	<b>34 868 192</b>	<b>139 191 837</b>	<b>24.27</b>	<b>20.75</b>
<b>New Brunswick</b>								
Fraser Inc.	Permit 102	F	32 910	129 930	2 019 955	8 682 342	61.38	66.13
Maine & NB	Licence 177	F	17 386	61 363	370 122	1 431 352	16.40	16.40
NB Power	Permit 15	I	0	83	0	3 976	0.00	38.75
		N	- 743	1 401	0	0	0.00	0.00
	Permit 16	I	2 880	10 829	182 512	661 409	63.37	43.94
		N	-11 736	-28 144	0	0	0.00	0.00

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

- F - Firm Sales
- I - Interruptible Sales
- P - Purchase (Import)
- N - Non-Revenue (Non-Revenue or Inadvertent)
- S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:

- Revenue for Permit 92 not available.



## TABLE 2A Export Summary Report by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
			MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
NB Power	Permit 17	S	1 756	24 622	0	0	0.00	0.00
	Permit 18	I	3 168	18 063	146 124	870 469	46.13	49.40
		N	-47	-54	0	0	0.00	0.00
	Permit 28	F	2	13	220	1 702	145.97	121.52
	Permit 47	F	6 376	34 713	470 974	2 639 931	51.41	51.07
	Permit 91	I	435 353	1 620 249	15 766 212	63 311 013	36.21	40.37
<b>Subtotal Firm and Interruptible Exports: New Brunswick</b>			<b>498 074</b>	<b>1 875 243</b>	<b>18 956 119</b>	<b>77 602 195</b>	<b>37.60</b>	<b>42.17</b>
<b>Ontario</b>								
Cdn. Niagara	Permit 84	F	28 066	108 557	793 426	2 557 274	28.27	23.57
	Permit 85	S	5 237	53 634	0	0	0.00	0.00
Cornwall Elec.	Permit 82	I	2 072	3 090	51 316	68 857	24.77	21.38
	Permit 83	S	8 189	138 131	0	0	0.00	0.00
D&W Subway	Permit 26	F	141	720	0	0	0.00	0.00
Ont. Hydro/OHIM	Permit 21	I	167 279	251 645	7 301 356	10 807 342	30.05	24.28
		S	3 536	9 682	0	0	0.00	0.00
Ontario Hydro	Permit 22	N	259 036	1 406 339	0	0	0.00	0.00
	Permit 24	F	18	109	36	219	2.03	2.00
<b>Subtotal Firm and Interruptible Exports: Ontario</b>			<b>197 575</b>	<b>364 121</b>	<b>8 146 134</b>	<b>13 433 692</b>	<b>29.72</b>	<b>24.19</b>

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

- F - Firm Sales
- I - Interruptible Sales
- P - Purchase (Import)
- N - Non-Revenue (Non-Revenue or Inadvertent)
- S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:

- Revenue for Permit 92 not available.



## TABLE 2A

### Export Summary Report

#### by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
			MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>Quebec</b>								
Hydro-Quebec	Licence 176	F	433 422	2 302 962	14 730 453	77 604 471	33.99	32.63
	Licence 178	F	295 358	531 833	11 798 762	21 527 868	33.96	35.28
	Licence 180	F	66 119	329 396	7 810 076	38 663 466	37.41	36.06
	Licence 181	F	28 920	144 552	2 642 273	13 101 694	37.41	36.21
	Licence 182	F	14 592	62 371	1 311 889	6 111 983	37.41	36.15
	Licence 183	F	24 552	74 265	2 344 920	9 826 816	37.41	36.01
	Licence 184	F	13 392	40 434	1 259 554	5 260 797	37.41	36.04
	Permit 20	F	0	531	0	36 385	0.00	70.56
	Permit 64	I	64 536	334 827	2 378 907	11 772 156	35.51	35.18
		N	0	287 399	0	0	0.00	0.00
		S	0	1 818	0	0	0.00	0.00
	Permit 65	F	230 609	1 231 962	8 409 167	49 137 424	34.97	39.03
		S	3 950	3 950	0	0	0.00	0.00
<b>Subtotal Firm and Interruptible Exports: Quebec</b>			<b>1 171 500</b>	<b>5 053 133</b>	<b>52 686 002</b>	<b>233 043 060</b>	<b>34.69</b>	<b>34.83</b>
<b>Saskatchewan</b>								
Sask. Power	Licence 119	I	1 414	6 064	92 062	230 866	65.11	32.89
		N	10 539	10 711	0	0	0.00	0.00

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

- F - Firm Sales
- I - Interruptible Sales
- P - Purchase (Import)
- N - Non-Revenue (Non-Revenue or Inadvertent)
- S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:

- Revenue for Permit 92 not available.



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## TABLE 2A

### Export Summary Report

#### by Source, Authorization and Exchange Type

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Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
			MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
Sask. Power	Permit 89	F	4 400	13 341	245 810	533 083	55.87	35.67
<b>Subtotal Firm and Interruptible Exports: Saskatchewan</b>			<b>5 814</b>	<b>19 405</b>	<b>337 872</b>	<b>763 949</b>	<b>58.11</b>	<b>34.31</b>
<b>Total Firm and Interruptible Exports:</b>			<b>3 140 856</b>	<b>14 652 506</b>	<b>118 428 166</b>	<b>533 936 638</b>	<b>30.61</b>	<b>28.16</b>

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

- F - Firm Sales
- I - Interruptible Sales
- P - Purchase (Import)
- N - Non-Revenue (Non-Revenue or Inadvertent)
- S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:

- Revenue for Permit 92 not available.



## TABLE 2B

### Import Summary Report

#### by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
			MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>Alberta</b>								
Enron Canada	-	P	10 341	12 321	262 992	306 522	25.43	24.88
TransAlta		P	209	1 201	8 309	48 362	39.75	40.50
TransCanada		P	0	2 202	0	55 595	0.00	23.30
<b>Subtotal Purchased Imports: Alberta</b>			<b>10 550</b>	<b>15 724</b>	<b>271 301</b>	<b>410 479</b>	<b>25.72</b>	<b>26.45</b>
<b>British Columbia</b>								
BC Hydro		P	31	77	2 006	5 254	64.71	67.85
BC Hydro/Powerx		P	559 263	1 613 113	6 338 697	25 965 007	11.33	16.11
West Kootenay		P	23 400	83 817	316 944	2 558 116	13.54	22.92
<b>Subtotal Purchased Imports: British Columbia</b>			<b>582 694</b>	<b>1 697 007</b>	<b>6 657 647</b>	<b>28 528 377</b>	<b>11.43</b>	<b>16.60</b>
<b>Manitoba</b>								
Manitoba Hydro		N	-9 161	- 138 892	0	0	0.00	0.00
		P	2 137	105 137	81 477	2 374 497	34.68	20.12
<b>Subtotal Purchased Imports: Manitoba</b>			<b>2 137</b>	<b>105 137</b>	<b>81 477</b>	<b>2 374 497</b>	<b>34.68</b>	<b>20.12</b>

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

- F - Firm Sales
- I - Interruptible Sales
- P - Purchase (Import)
- N - Non-Revenue (Non-Revenue or Inadvertent)
- S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:

- Revenue for Permit 92 not available.





## TABLE 2B

### Import Summary Report

#### by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
			MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>New Brunswick</b>								
Maine & NB	-	P	239	2 809	13 487	122 122	56.43	47.45
NB Power		N	12 024	30 850	0	0	0.00	0.00
		P	1 902	3 315	24 943	43 130	13.11	13.01
		S	1 756	24 623	0	0	0.00	0.00
<b>Subtotal Purchased Imports: New Brunswick</b>			<b>2 141</b>	<b>6 124</b>	<b>38 430</b>	<b>165 252</b>	<b>17.95</b>	<b>35.21</b>
<b>Ontario</b>								
Cdn. Niagara		N	1 121	3 257	0	0	0.00	0.00
Cornwall Elec.		P	667	3 887	34 131	510 933	51.17	111.38
		S	8 189	138 131	0	0	0.00	0.00
D&W Subway		P	118	677	0	0	0.00	0.00
Ontario Hydro		N	257 815	1 397 236	0	0	0.00	0.00
		P	417 343	2 201 130	6 581 196	14 780 909	15.77	20.33
		S	32 952	109 420	31 193	96 230	0.95	0.88
<b>Subtotal Purchased Imports: Ontario</b>			<b>418 128</b>	<b>2 205 694</b>	<b>6 615 327</b>	<b>15 291 842</b>	<b>15.82</b>	<b>20.50</b>

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

- F - Firm Sales
- I - Interruptible Sales
- P - Purchase (Import)
- N - Non-Revenue (Non-Revenue or Inadvertent)
- S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:

- Revenue for Permit 92 not available.



## TABLE 2B

### Import Summary Report

#### by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
			MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>Quebec</b>								
Hydro-Quebec	-	N	0	92 157	0	0	0.00	0.00
		P	29 446	535 828	3 559 645	32 876 091	22.61	33.26
		S	38 078	69 138	0	0	0.00	0.00
<b>Subtotal Purchased Imports: Quebec</b>			<b>29 446</b>	<b>535 828</b>	<b>3 559 645</b>	<b>32 876 091</b>	<b>22.61</b>	<b>33.26</b>
<b>Saskatchewan</b>								
Sask. Power		N	-18 387	-15 339	0	0	0.00	0.00
		P	47 596	136 964	1 441 954	3 562 812	30.30	23.48
		S	0	40 000	0	0	0.00	0.00
<b>Subtotal Purchased Imports: Saskatchewan</b>			<b>47 596</b>	<b>136 964</b>	<b>1 441 954</b>	<b>3 562 812</b>	<b>30.30</b>	<b>23.48</b>
<b>Total Purchased Imports:</b>			<b>1 092 692</b>	<b>4 702 479</b>	<b>18 665 780</b>	<b>83 209 351</b>	<b>14.43</b>	<b>20.59</b>

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

- F - Firm Sales
- I - Interruptible Sales
- P - Purchase (Import)
- N - Non-Revenue (Non-Revenue or Inadvertent)
- S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:

- Revenue for Permit 92 not available.



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## TABLE 3A

### Export Sales Summary Report by Destination and Source

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Destination	Source	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
		MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>Alaska</b>	British Columbia	70	406	0	15 351	0.00	57.57
<b>Subtotal Exports: Alaska</b>		<b>70</b>	<b>406</b>	<b>0</b>	<b>15 351</b>	<b>0.00</b>	<b>57.57</b>
<b>Arizona</b>	British Columbia	0	4 000	0	117 972	0.00	22.52
<b>Subtotal Exports: Arizona</b>		<b>0</b>	<b>4 000</b>	<b>0</b>	<b>117 972</b>	<b>0.00</b>	<b>22.52</b>
<b>California</b>	British Columbia	15 277	156 637	440 177	5 142 727	28.81	27.44
<b>Subtotal Exports: California</b>		<b>15 277</b>	<b>156 637</b>	<b>440 177</b>	<b>5 142 727</b>	<b>28.81</b>	<b>27.44</b>
<b>Idaho</b>	British Columbia	575	52 668	20 509	1 715 018	35.67	24.35
<b>Subtotal Exports: Idaho</b>		<b>575</b>	<b>52 668</b>	<b>20 509</b>	<b>1 715 018</b>	<b>35.67</b>	<b>24.35</b>
<b>Iowa</b>	Manitoba	3 340	61 614	96 823	1 250 117	28.99	14.49
<b>Subtotal Exports: Iowa</b>		<b>3 340</b>	<b>61 614</b>	<b>96 823</b>	<b>1 250 117</b>	<b>28.99</b>	<b>14.49</b>
<b>Maine</b>	New Brunswick	498 074	1 875 243	18 956 119	77 602 195	37.60	42.17
<b>Subtotal Exports: Maine</b>		<b>498 074</b>	<b>1 875 243</b>	<b>18 956 119</b>	<b>77 602 195</b>	<b>37.60</b>	<b>42.17</b>
<b>Michigan</b>	Ontario	135 823	189 052	3 752 220	5 821 879	25.02	22.50
<b>Subtotal Exports: Michigan</b>		<b>135 823</b>	<b>189 052</b>	<b>3 752 220</b>	<b>5 821 879</b>	<b>25.02</b>	<b>22.50</b>
<b>Minnesota</b>	Manitoba	895 471	3 800 277	28 689 732	119 479 475	24.21	20.81
	Ontario	9 072	27 057	702 082	1 519 450	56.58	41.83
	Saskatchewan	330	330	0	0	0.00	0.00
<b>Subtotal Exports: Minnesota</b>		<b>904 873</b>	<b>3 827 664</b>	<b>29 391 814</b>	<b>120 998 925</b>	<b>24.53</b>	<b>21.00</b>
<b>Missouri</b>	Manitoba	0	263	0	5 961	0.00	20.56
<b>Subtotal Exports: Missouri</b>		<b>0</b>	<b>263</b>	<b>0</b>	<b>5 961</b>	<b>0.00</b>	<b>20.56</b>

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



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## TABLE 3A

### Export Sales Summary Report by Destination and Source

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Destination	Source	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
		MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>Montana</b>	British Columbia	635	8 714	22 694	318 820	35.74	31.29
	Manitoba	2	2	87	87	43.72	40.87
<b>Subtotal Exports: Montana</b>		<b>637</b>	<b>8 716</b>	<b>22 782</b>	<b>318 908</b>	<b>35.76</b>	<b>31.29</b>
<b>Nebraska</b>	Manitoba	2 376	5 568	71 633	164 094	30.15	30.30
<b>Subtotal Exports: Nebraska</b>		<b>2 376</b>	<b>5 568</b>	<b>71 633</b>	<b>164 094</b>	<b>30.15</b>	<b>30.30</b>
<b>New England</b>	Quebec	663 471	3 655 157	22 687 884	129 614 127	34.20	34.55
<b>Subtotal Exports: New England</b>		<b>663 471</b>	<b>3 655 157</b>	<b>22 687 884</b>	<b>129 614 127</b>	<b>34.20</b>	<b>34.55</b>
<b>New York</b>	Ontario	50 398	143 992	3 580 317	5 909 063	36.69	27.55
	Quebec	347 229	635 911	13 835 640	25 597 663	34.75	36.06
<b>Subtotal Exports: New York</b>		<b>397 627</b>	<b>779 903</b>	<b>17 415 957</b>	<b>31 506 726</b>	<b>35.00</b>	<b>34.06</b>
<b>North Dakota</b>	Manitoba	15 063	18 408	823 677	886 072	54.68	25.68
	Saskatchewan	4 432	10 682	265 115	449 502	59.82	34.40
<b>Subtotal Exports: North Dakota</b>		<b>19 495</b>	<b>29 090</b>	<b>1 088 792</b>	<b>1 335 574</b>	<b>55.85</b>	<b>28.35</b>
<b>Oregon</b>	Alberta	0	175	0	5 386	0.00	18.44
	British Columbia	18 095	243 246	410 846	6 138 179	22.70	24.24
<b>Subtotal Exports: Oregon</b>		<b>18 095</b>	<b>243 421</b>	<b>410 846</b>	<b>6 143 565</b>	<b>22.70</b>	<b>24.09</b>
<b>Pennsylvania</b>	Ontario	2 283	4 020	111 515	183 300	48.85	30.31
<b>Subtotal Exports: Pennsylvania</b>		<b>2 283</b>	<b>4 020</b>	<b>111 515</b>	<b>183 300</b>	<b>48.85</b>	<b>30.31</b>
<b>South Dakota</b>	Manitoba	1 203	17 855	33 244	410 922	27.63	23.01
<b>Subtotal Exports: South Dakota</b>		<b>1 203</b>	<b>17 855</b>	<b>33 244</b>	<b>410 922</b>	<b>27.63</b>	<b>23.01</b>

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



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## TABLE 3A

### Export Sales Summary Report by Destination and Source

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Destination	Source	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
		MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>Texas</b>	Manitoba	96 490	339 133	2 930 293	8 643 316	22.73	20.11
<b>Subtotal Exports: Texas</b>		<b>96 490</b>	<b>339 133</b>	<b>2 930 293</b>	<b>8 643 316</b>	<b>22.73</b>	<b>20.11</b>
<b>Vermont</b>	Quebec	160 800	762 065	16 162 479	77 831 271	36.58	34.93
<b>Subtotal Exports: Vermont</b>		<b>160 800</b>	<b>762 065</b>	<b>16 162 479</b>	<b>77 831 271</b>	<b>36.58</b>	<b>34.93</b>
<b>Washington</b>	Alberta	75	49 547	788	947 048	10.51	16.78
	British Columbia	115 588	2 211 836	2 538 832	55 501 404	21.96	23.40
	Saskatchewan	1 052	8 393	72 757	314 447	69.16	34.50
<b>Subtotal Exports: Washington</b>		<b>116 715</b>	<b>2 269 776</b>	<b>2 612 377</b>	<b>56 762 898</b>	<b>22.38</b>	<b>23.29</b>
<b>Wisconsin</b>	Manitoba	103 633	370 256	2 222 703	8 351 792	21.39	21.37
<b>Subtotal Exports: Wisconsin</b>		<b>103 633</b>	<b>370 256</b>	<b>2 222 703</b>	<b>8 351 792</b>	<b>21.39</b>	<b>21.37</b>
<b>Total Exports</b>		<b>3 140 856</b>	<b>14 652 506</b>	<b>118 428 166</b>	<b>533 936 638</b>	<b>30.61</b>	<b>28.16</b>

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



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## TABLE 3B

### Import Purchases Summary Report by Source and Destination

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Source	Destination	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
		MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>Maine</b>	New Brunswick	2 141	6 124	38 430	165 252	17.95	35.21
<b>Subtotal Imports: Maine</b>		<b>2 141</b>	<b>6 124</b>	<b>38 430</b>	<b>165 252</b>	<b>17.95</b>	<b>35.21</b>
<b>Michigan</b>	Ontario	390 770	1 919 135	5 083 942	7 268 544	13.01	17.94
<b>Subtotal Imports: Michigan</b>		<b>390 770</b>	<b>1 919 135</b>	<b>5 083 942</b>	<b>7 268 544</b>	<b>13.01</b>	<b>17.94</b>
<b>Minnesota</b>	Manitoba	1 498	82 918	56 137	1 837 511	37.47	21.35
	Ontario	1 503	16 168	41 556	431 377	27.65	22.69
<b>Subtotal Imports: Minnesota</b>		<b>3 001</b>	<b>99 086</b>	<b>97 693</b>	<b>2 268 888</b>	<b>32.55</b>	<b>22.12</b>
<b>Montana</b>	Alberta	209	1 201	8 309	48 362	39.75	40.50
	British Columbia	31	77	2 006	5 254	64.71	67.85
<b>Subtotal Imports: Montana</b>		<b>240</b>	<b>1 278</b>	<b>10 315</b>	<b>53 616</b>	<b>42.97</b>	<b>42.29</b>
<b>Nebraska</b>	Manitoba	14	14	8 888	53 020	109.28	109.28
<b>Subtotal Imports: Nebraska</b>		<b>14</b>	<b>14</b>	<b>8 888</b>	<b>53 020</b>	<b>109.28</b>	<b>109.28</b>
<b>New England</b>	Quebec	0	11 331	0	1 351 091	0.00	117.71
<b>Subtotal Imports: New England</b>		<b>0</b>	<b>11 331</b>	<b>0</b>	<b>1 351 091</b>	<b>0.00</b>	<b>117.71</b>
<b>New York</b>	Ontario	25 330	257 166	1 457 757	6 921 167	57.55	31.63
	Quebec	29 446	524 497	665 773	17 569 238	22.61	32.11
<b>Subtotal Imports: New York</b>		<b>54 776</b>	<b>781 663</b>	<b>2 123 530</b>	<b>24 490 404</b>	<b>38.77</b>	<b>31.88</b>
<b>North Dakota</b>	Manitoba	0	640	0	15 166	0.00	23.70
	Saskatchewan	39 140	119 383	1 039 752	2 932 740	26.56	22.33
<b>Subtotal Imports: North Dakota</b>		<b>39 140</b>	<b>120 023</b>	<b>1 039 752</b>	<b>2 947 906</b>	<b>26.56</b>	<b>22.33</b>

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



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## TABLE 3B

### Import Purchases Summary Report by Source and Destination

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Source	Destination	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
		MAY98	JAN98 - MAY98	MAY98	JAN98 - MAY98	MAY98	L12M
<b>Oregon</b>	Alberta	0	50	0	1 585	0.00	31.70
	British Columbia	0	110	0	3 124	0.00	28.40
<b>Subtotal Imports: Oregon</b>		<b>0</b>	<b>160</b>	<b>0</b>	<b>4 709</b>	<b>0.00</b>	<b>29.43</b>
<b>Pennsylvania</b>	Ontario	525	13 225	32 072	670 754	61.09	50.72
<b>Subtotal Imports: Pennsylvania</b>		<b>525</b>	<b>13 225</b>	<b>32 072</b>	<b>670 754</b>	<b>61.09</b>	<b>50.72</b>
<b>South Dakota</b>	Manitoba	625	20 910	16 452	308 515	26.32	14.78
<b>Subtotal Imports: South Dakota</b>		<b>625</b>	<b>20 910</b>	<b>16 452</b>	<b>308 515</b>	<b>26.32</b>	<b>14.78</b>
<b>Texas</b>	Manitoba	0	0	0	148 984	0.00	0.00
<b>Subtotal Imports: Texas</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>148 984</b>	<b>0.00</b>	<b>0.00</b>
<b>Vermont</b>	Quebec	0	0	2 893 872	13 955 762	0.00	34.51
<b>Subtotal Imports: Vermont</b>		<b>0</b>	<b>0</b>	<b>2 893 872</b>	<b>13 955 762</b>	<b>0.00</b>	<b>34.51</b>
<b>Washington</b>	Alberta	10 341	14 473	262 992	360 532	25.43	24.30
	British Columbia	582 663	1 696 820	6 655 641	28 519 999	11.42	16.60
	Saskatchewan	8 456	17 581	402 201	630 073	47.56	35.16
<b>Subtotal Imports: Washington</b>		<b>601 460</b>	<b>1 728 874</b>	<b>7 320 834</b>	<b>29 510 604</b>	<b>12.17</b>	<b>16.78</b>
<b>Wisconsin</b>	Manitoba	0	655	0	11 301	0.00	17.25
<b>Subtotal Imports: Wisconsin</b>		<b>0</b>	<b>655</b>	<b>0</b>	<b>11 301</b>	<b>0.00</b>	<b>17.25</b>
<b>Total Imports</b>		<b>1 092 692</b>	<b>4 702 479</b>	<b>18 665 780</b>	<b>83 209 351</b>	<b>14.43</b>	<b>20.59</b>

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



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## TABLE 4 Source of Production Report <sup>1</sup> Canadian Exports

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Fuel Type	MAY98		
	Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>
Hydraulic	1 870 696	58 522 314	31.28
Imported Coal	117 464	2 806 516	23.89
Imported Oil	324 354	11 722 684	36.14
Nuclear	35 994	1 333 531	37.05
Other	705 582	18 239 736	25.85
<b>Total</b>	<b>3 054 090</b>	<b>92 624 781</b>	<b>30.33</b>

Footnotes:

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:

- Revenue for Permit 92 not available.





## TABLE 5 Source of Production Report <sup>1</sup> by Exporter

Exporter	Fuel Type	Authorization	MAY98		
			Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>
BC Hydro/Powerx	Hydraulic	Permit 43	- 423 610	-9 754 451	23.03
		<b>Subtotal</b>	<b>- 423 610</b>	<b>-9 754 451</b>	<b>23.03</b>
	Other	Permit 43	566 653	13 048 297	23.03
		Permit 44	7 127	139 213	19.53
		<b>Subtotal</b>	<b>573 780</b>	<b>13 187 510</b>	<b>22.98</b>
	<b>Subtotal</b>		<b>150 170</b>	<b>3 433 059</b>	<b>22.86</b>
Hydro-Quebec	Hydraulic	Licence 176	433 422	14 730 453	33.99
		Licence 178	295 358	10 029 619	33.96
		Licence 180	66 119	2 473 581	37.41
		Licence 181	28 920	1 081 928	37.41
		Licence 182	14 592	545 902	37.41
		Licence 183	24 552	918 516	37.41
		Licence 184	13 392	501 009	37.41
		Permit 64	64 536	2 291 352	35.51
		Permit 65	230 609	8 063 586	34.97
		<b>Subtotal</b>	<b>1 171 500</b>	<b>40 635 947</b>	<b>34.69</b>
		<b>Subtotal</b>		<b>1 171 500</b>	<b>40 635 947</b>
Manitoba Hydro	Hydraulic	Licence 170	288 009	6 714 527	23.31
		Permit 33	20 012	405 025	20.24
		Permit 34	13 337	280 812	21.06

Footnotes:

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:

- Revenue for Permit 92 not available.



## TABLE 5 Source of Production Report <sup>1</sup> by Exporter

Exporter	Fuel Type	Authorization	MAY98		
			Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>
Manitoba Hydro	Hydraulic	Permit 45	200 356	5 495 364	27.43
		Permit 46	581 307	13 860 863	23.84
		Permit 68	11 958	283 735	23.73
		<b>Subtotal</b>	<b>1 114 979</b>	<b>27 040 326</b>	<b>24.25</b>
	Other	Permit 45	2 385	65 416	27.43
		<b>Subtotal</b>	<b>2 385</b>	<b>65 416</b>	<b>27.43</b>
		<b>Subtotal</b>	<b>1 117 364</b>	<b>27 105 742</b>	<b>24.26</b>
NB Power	Imported Coal	Permit 16	244	15 439	63.22
		Permit 18	68	3 150	46.13
		Permit 47	1 371	70 468	51.41
		Permit 91	40 378	1 428 101	35.37
		<b>Subtotal</b>	<b>42 061</b>	<b>1 517 158</b>	<b>36.07</b>
	Imported Oil	Permit 16	732	46 246	63.22
		Permit 18	1 484	68 427	46.13
		Permit 47	1 584	81 418	51.41
		Permit 91	237 918	8 461 113	35.56
		<b>Subtotal</b>	<b>241 717</b>	<b>8 657 204</b>	<b>35.82</b>
	Nuclear	Permit 47	3 319	170 645	51.41
		Permit 91	32 675	1 162 885	35.59
		<b>Subtotal</b>	<b>35 994</b>	<b>1 333 531</b>	<b>37.05</b>

Footnotes:

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:

- Revenue for Permit 92 not available.



## TABLE 5

### Source of Production Report <sup>1</sup> by Exporter

Exporter	Fuel Type	Authorization	MAY98			
			Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>	
NB Power	Other	Permit 16	1 904	120 826	63.45	
		Permit 18	1 616	74 547	46.13	
		Permit 47	102	5 259	51.41	
		Permit 91	124 382	4 714 113	37.90	
		<b>Subtotal</b>	<b>128 005</b>	<b>4 914 746</b>	<b>38.39</b>	
	<b>Subtotal</b>		<b>447 777</b>	<b>16 422 638</b>	<b>36.68</b>	
Ont. Hydro/OHIM	Hydraulic	Permit 21	7 827	600 493	76.72	
		<b>Subtotal</b>	<b>7 827</b>	<b>600 493</b>	<b>76.72</b>	
	Imported Coal	Permit 21	75 403	1 289 358	17.10	
		<b>Subtotal</b>	<b>75 403</b>	<b>1 289 358</b>	<b>17.10</b>	
	Imported Oil	Permit 21	82 637	3 065 480	37.10	
		<b>Subtotal</b>	<b>82 637</b>	<b>3 065 480</b>	<b>37.10</b>	
	Other	Permit 21	1 412	72 065	51.04	
		<b>Subtotal</b>	<b>1 412</b>	<b>72 065</b>	<b>51.04</b>	
		<b>Subtotal</b>		<b>167 279</b>	<b>5 027 395</b>	<b>30.05</b>
	<b>Total All Exporters</b>			<b>3 054 090</b>	<b>92 624 781</b>	<b>30.33</b>

Footnotes:

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:

- Revenue for Permit 92 not available.