



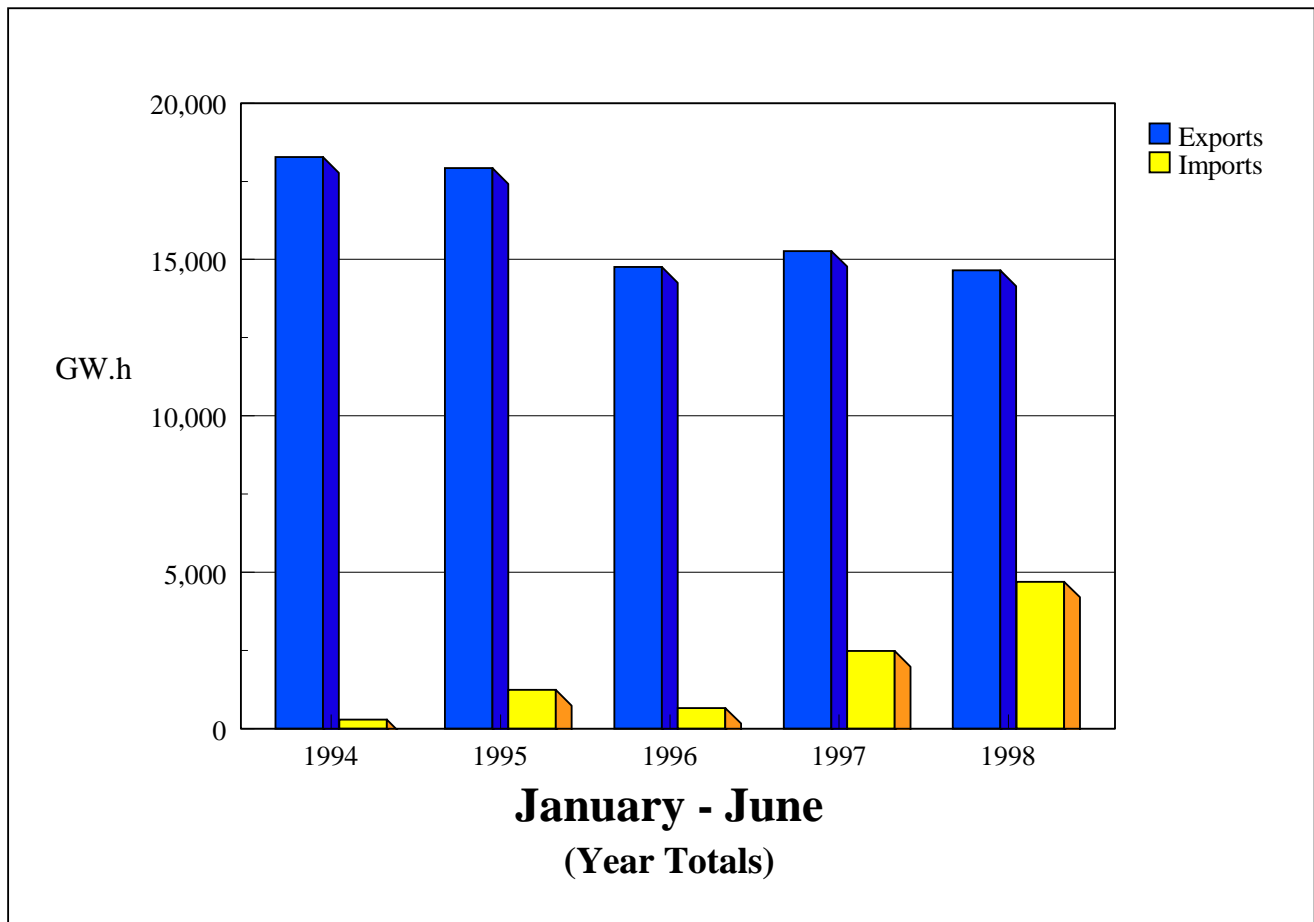
# Electricity Exports and Imports

Monthly Statistics for:

**June 1998**

Exports: **3452** GW.h

Imports: **1117** GW.h





National Energy Board  
Office national de l'énergie

# TABLE 1

## Exports and Imports of Electricity

### Summary: Canada

#### JUNE 1998

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Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
	JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M
<b>Exports of Electric Energy</b>						
Firm	1 933 334	9 612 399	83 723 522	409 713 573	32.88	30.05
Interruptible	1 518 209	8 517 063	92 061 762	299 568 787	58.78	29.24
Non-Revenue/Inadvertant	206 690	1 606 728	0	0	0.00	0.00
Service	41 310	291 564	0	405	0.00	0.00
<b>Total Exports</b>	<b>3 699 543</b>	<b>20 027 754</b>	<b>175 785 284</b>	<b>709 282 764</b>	<b>41.30</b>	<b>27.67</b>
Total Sales - Firm and Interruptible	3 451 543	18 129 462	175 785 284	709 282 359	44.27	29.61
<b>Imports of Electric Energy</b>						
Non-Revenue/Inadvertant	197 600	1 264 157	0	0	0.00	0.00
Purchase	1 117 092	5 617 308	26 090 735	108 701 713	20.84	21.19
Service	41 317	418 811	24 810	129 942	0.60	0.45
<b>Total Imports</b>	<b>1 356 009</b>	<b>7 300 276</b>	<b>26 115 545</b>	<b>108 831 655</b>	<b>17.19</b>	<b>16.75</b>
<b>Excess of Exports Over Imports</b>	<b>2 343 534</b>	<b>12 727 479</b>	<b>149 669 739</b>	<b>600 451 109</b>		
<b>Number of Export Licences:</b>	<b>17</b>					
<b>Number of Export Permits/Orders:</b>	<b>84</b>					
	<b>101</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 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>	
			JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	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	0	48 685	0	934 581	0.00	16.97
<b>Subtotal Firm and Interruptible Exports: Alberta</b>			<b>0</b>	<b>49 722</b>	<b>0</b>	<b>952 433</b>	<b>0.00</b>	<b>16.97</b>
<b>British Columbia</b>								
BC Hydro	Permit 105	F	78	484	8 464	23 815	108.51	59.27
	Treaty	N	30 327	211 063	0	0	0.00	0.00
BC Hydro/Powerx	Permit 43	I	96 109	2 292 853	2 816 981	66 592 468	29.31	26.19
	Permit 44	F	6 896	89 026	271 846	2 466 997	39.42	28.60
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	260	11 820	64 309	623 422	247.34	43.83
West Kootenay	Permit 13	F	20	20	1 262	1 262	62.64	61.90
<b>Subtotal Firm and Interruptible Exports: British Columbia</b>			<b>103 363</b>	<b>2 780 870</b>	<b>3 162 862</b>	<b>72 112 333</b>	<b>30.60</b>	<b>24.32</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>	
			JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M
<b>Manitoba</b>								
Manitoba Hydro	Licence 170	F	274 982	1 673 981	13 898 586	78 412 928	24.99	22.86
	Permit 33	F	16 350	36 362	334 203	739 228	20.44	19.03
	Permit 34	F	18 600	31 937	395 522	676 334	21.26	20.18
	Permit 35	F	15 898	15 898	373 626	373 626	23.50	21.60
	Permit 45	F	171 067	872 284	5 537 527	23 187 531	27.08	22.42
	Permit 46	I	553 987	2 992 128	13 460 747	67 483 522	24.31	20.37
		N	-10 910	- 161 087	0	0	0.00	0.00
	Permit 52	F	5 501	5 501	304 058	304 058	25.31	23.01
	Permit 61	F	320	2 242	15 221	102 801	47.57	46.35
	Permit 68	F	11 082	50 830	541 735	2 773 035	23.65	20.02
<b>Subtotal Firm and Interruptible Exports: Manitoba</b>			<b>1 067 787</b>	<b>5 681 163</b>	<b>34 861 225</b>	<b>174 053 062</b>	<b>24.81</b>	<b>21.36</b>
<b>New Brunswick</b>								
Fraser Inc.	Permit 102	F	29 790	159 720	1 861 281	10 543 623	62.48	66.10
Maine & NB	Licence 177	F	5 139	66 501	169 275	1 600 627	16.40	16.40
NB Power	Permit 15	I	1 400	1 483	135 564	139 540	96.83	39.00
		N	-50	1 351	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>	
			JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M
NB Power	Permit 16	I	5 821	16 650	334 840	996 249	57.52	44.64
		N	-7 558	-35 702	0	0	0.00	0.00
	Permit 17	S	5 066	29 688	0	0	0.00	0.00
		Permit 18	I	208	18 271	11 990	882 459	57.64
	N		98	44	0	0	0.00	0.00
	Permit 28	F	2	16	292	1 994	123.41	124.77
	Permit 47	F	6 264	40 977	470 240	3 110 172	51.41	51.16
	Permit 91	I	294 086	1 914 335	11 800 439	75 111 452	40.13	40.29
<b>Subtotal Firm and Interruptible Exports: New Brunswick</b>			<b>342 710</b>	<b>2 217 953</b>	<b>14 783 921</b>	<b>92 386 116</b>	<b>42.46</b>	<b>42.19</b>
<b>Ontario</b>								
Cdn. Niagara	Permit 84	F	25 592	134 149	720 982	3 278 256	28.17	24.57
	Permit 85	S	6 334	59 968	0	0	0.00	0.00
Cornwall Elec.	Permit 82	I	1 117	4 207	17 268	86 125	15.46	21.29
	Permit 83	S	6 717	144 848	0	0	0.00	0.00
D&W Subway	Permit 26	F	164	884	0	0	0.00	0.00
Ont. Hydro/OHIM	Permit 21	I	508 063	785 128	60 418 150	70 785 944	113.46	42.01
		S	4 163	17 912	0	405	0.00	0.01

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>		
			JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M	
Ontario Hydro	Permit 22	N	198 568	1 296 734	0	0	0.00	0.00	
	Permit 24	F	13	114	25	228	1.97	2.00	
<b>Subtotal Firm and Interruptible Exports: Ontario</b>			<b>534 949</b>	<b>924 482</b>	<b>61 156 424</b>	<b>74 150 553</b>	<b>109.14</b>	<b>40.40</b>	
<b>Quebec</b>									
Hydro-Quebec	Licence 176	F	560 081	2 863 043	19 302 551	96 907 022	34.46	32.98	
	Licence 178	F	300 945	832 778	12 139 318	33 667 186	34.43	34.91	
	Licence 180	F	96 933	426 329	8 757 408	47 420 874	34.68	36.01	
	Licence 181	F	28 336	172 888	1 448 189	14 549 883	20.65	35.01	
	Licence 182	F	14 618	76 989	1 331 306	7 443 289	37.94	36.40	
	Licence 183	F	23 661	97 926	2 344 061	12 170 877	37.94	36.28	
	Licence 184	F	13 668	54 102	1 287 720	6 548 517	37.94	36.32	
	Permit 20	F	199	730	14 188	50 572	71.21	70.87	
	Permit 64	I		49 575	384 402	2 736 132	14 508 289	53.90	36.14
			N	0	287 399	0	0	0.00	0.00
	Permit 65	F	S	0	1 818	0	0	0.00	0.00
S			4 430	8 380	0	0	0.00	0.00	
<b>Subtotal Firm and Interruptible Exports: Quebec</b>			<b>1 392 153</b>	<b>6 445 286</b>	<b>61 358 198</b>	<b>294 401 259</b>	<b>35.73</b>	<b>35.06</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>	
			JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M
<b>Saskatchewan</b>								
Sask. Power	Licence 118	S	14 600	28 950	0	0	0.00	0.00
	Licence 119	I	7 843	13 907	329 651	560 517	42.03	37.05
		N	-3 785	6 926	0	0	0.00	0.00
	Permit 89	F	2 738	16 079	133 003	666 086	48.58	36.45
<b>Subtotal Firm and Interruptible Exports: Saskatchewan</b>			<b>10 581</b>	<b>29 986</b>	<b>462 654</b>	<b>1 226 603</b>	<b>43.72</b>	<b>36.74</b>
<b>Total Firm and Interruptible Exports:</b>			<b>3 451 543</b>	<b>18 129 462</b>	<b>175 785 284</b>	<b>709 282 359</b>	<b>44.27</b>	<b>29.61</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>	
			JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M
<b>Alberta</b>								
Enron Canada	-	P	10 700	23 021	256 639	563 161	23.98	24.46
TransAlta		P	238	1 440	9 479	57 841	39.81	40.43
TransCanada		P	0	2 202	0	55 595	0.00	23.50
<b>Subtotal Purchased Imports: Alberta</b>			<b>10 938</b>	<b>26 663</b>	<b>266 118</b>	<b>676 597</b>	<b>24.33</b>	<b>25.71</b>
<b>British Columbia</b>								
BC Hydro		P	45	122	2 717	7 971	60.38	66.74
BC Hydro/Powerx		P	795 727	2 408 840	12 784 515	38 749 522	16.07	16.56
West Kootenay		P	40	83 857	1 264	2 559 380	31.60	22.92
<b>Subtotal Purchased Imports: British Columbia</b>			<b>795 812</b>	<b>2 492 819</b>	<b>12 788 496</b>	<b>41 316 873</b>	<b>16.07</b>	<b>16.95</b>
<b>Manitoba</b>								
Manitoba Hydro		N	-7 437	-146 329	0	0	0.00	0.00
		P	1 043	106 180	84 892	2 459 389	75.75	20.63
<b>Subtotal Purchased Imports: Manitoba</b>			<b>1 043</b>	<b>106 180</b>	<b>84 892</b>	<b>2 459 389</b>	<b>75.75</b>	<b>20.63</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>	
			JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M
<b>New Brunswick</b>								
Maine & NB	-	P	523	3 332	22 860	144 982	43.71	46.78
NB Power		N	6 795	37 646	0	0	0.00	0.00
		P	0	3 315	0	43 130	0.00	13.01
		S	5 066	29 689	0	0	0.00	0.00
<b>Subtotal Purchased Imports: New Brunswick</b>			<b>523</b>	<b>6 647</b>	<b>22 860</b>	<b>188 112</b>	<b>43.71</b>	<b>34.97</b>
<b>Ontario</b>								
Cdn. Niagara		N	871	4 128	0	0	0.00	0.00
Cornwall Elec.		P	700	4 587	98 600	609 532	140.86	118.37
		S	6 717	144 848	0	0	0.00	0.00
D&W Subway		P	137	814	0	0	0.00	0.00
Ontario Hydro		N	200 374	1 294 897	0	0	0.00	0.00
		P	275 498	2 274 366	9 067 496	23 250 032	32.91	21.66
		S	26 814	132 416	24 810	129 942	0.93	0.92
<b>Subtotal Purchased Imports: Ontario</b>			<b>276 335</b>	<b>2 279 767</b>	<b>9 166 095</b>	<b>23 859 565</b>	<b>33.17</b>	<b>21.85</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>	
			JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M
<b>Quebec</b>								
Hydro-Quebec	-	N	1 569	93 726	0	0	0.00	0.00
		P	0	535 828	2 803 668	35 679 758	0.00	33.60
		S	2 720	71 858	0	0	0.00	0.00
<b>Subtotal Purchased Imports: Quebec</b>			<b>0</b>	<b>535 828</b>	<b>2 803 668</b>	<b>35 679 758</b>	<b>0.00</b>	<b>33.60</b>
<b>Saskatchewan</b>								
Sask. Power		N	-4 572	-19 911	0	0	0.00	0.00
		P	32 441	169 405	958 606	4 521 418	29.52	24.17
		S	0	40 000	0	0	0.00	0.00
<b>Subtotal Purchased Imports: Saskatchewan</b>			<b>32 441</b>	<b>169 405</b>	<b>958 606</b>	<b>4 521 418</b>	<b>29.52</b>	<b>24.17</b>
<b>Total Purchased Imports:</b>			<b>1 117 092</b>	<b>5 617 308</b>	<b>26 090 735</b>	<b>108 701 713</b>	<b>20.84</b>	<b>21.19</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.



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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>	
		JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M
<b>Alaska</b>	British Columbia	78	484	8 464	23 815	108.51	59.27
<b>Subtotal Exports: Alaska</b>		<b>78</b>	<b>484</b>	<b>8 464</b>	<b>23 815</b>	<b>108.51</b>	<b>59.27</b>
<b>Arizona</b>	British Columbia	0	4 000	0	117 972	0.00	24.94
<b>Subtotal Exports: Arizona</b>		<b>0</b>	<b>4 000</b>	<b>0</b>	<b>117 972</b>	<b>0.00</b>	<b>24.94</b>
<b>California</b>	British Columbia	35 745	192 382	1 262 017	6 404 744	35.31	27.66
<b>Subtotal Exports: California</b>		<b>35 745</b>	<b>192 382</b>	<b>1 262 017</b>	<b>6 404 744</b>	<b>35.31</b>	<b>27.66</b>
<b>Idaho</b>	British Columbia	956	53 624	8 770	1 723 788	9.17	24.35
<b>Subtotal Exports: Idaho</b>		<b>956</b>	<b>53 624</b>	<b>8 770</b>	<b>1 723 788</b>	<b>9.17</b>	<b>24.35</b>
<b>Iowa</b>	Manitoba	12 456	74 070	205 209	1 455 327	16.47	15.14
<b>Subtotal Exports: Iowa</b>		<b>12 456</b>	<b>74 070</b>	<b>205 209</b>	<b>1 455 327</b>	<b>16.47</b>	<b>15.14</b>
<b>Kansas</b>	Manitoba	500	500	11 773	11 773	23.55	17.14
<b>Subtotal Exports: Kansas</b>		<b>500</b>	<b>500</b>	<b>11 773</b>	<b>11 773</b>	<b>23.55</b>	<b>17.14</b>
<b>Maine</b>	New Brunswick	342 710	2 217 953	14 783 921	92 386 116	42.46	42.19
<b>Subtotal Exports: Maine</b>		<b>342 710</b>	<b>2 217 953</b>	<b>14 783 921</b>	<b>92 386 116</b>	<b>42.46</b>	<b>42.19</b>
<b>Michigan</b>	Ontario	483 192	698 631	58 748 873	64 372 412	116.25	44.37
<b>Subtotal Exports: Michigan</b>		<b>483 192</b>	<b>698 631</b>	<b>58 748 873</b>	<b>64 372 412</b>	<b>116.25</b>	<b>44.37</b>
<b>Minnesota</b>	Manitoba	843 176	4 643 453	28 678 736	148 158 211	25.40	21.44
	Ontario	4 152	29 482	943 209	2 373 467	180.85	52.27
	Saskatchewan	0	330	0	0	0.00	0.00
<b>Subtotal Exports: Minnesota</b>		<b>847 328</b>	<b>4 673 265</b>	<b>29 621 944</b>	<b>150 531 678</b>	<b>26.16</b>	<b>21.65</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>	
		JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M
<b>Missouri</b>	Manitoba	10	273	441	6 402	44.15	20.72
<b>Subtotal Exports: Missouri</b>		<b>10</b>	<b>273</b>	<b>441</b>	<b>6 402</b>	<b>44.15</b>	<b>20.72</b>
<b>Montana</b>	British Columbia	155	8 869	5 916	324 736	38.17	31.87
	Manitoba	185	187	8 631	8 718	46.65	46.41
<b>Subtotal Exports: Montana</b>		<b>340</b>	<b>9 056</b>	<b>14 547</b>	<b>333 455</b>	<b>42.78</b>	<b>32.04</b>
<b>Nebraska</b>	Manitoba	16 900	22 468	356 040	520 134	21.07	23.53
	Ontario	1 152	1 152	62 246	62 246	54.03	28.20
<b>Subtotal Exports: Nebraska</b>		<b>18 052</b>	<b>23 620</b>	<b>418 286</b>	<b>582 380</b>	<b>23.17</b>	<b>25.99</b>
<b>New England</b>	Ontario	10 603	12 853	219 782	262 759	20.73	26.77
	Quebec	839 936	4 495 093	29 188 213	158 802 339	34.75	34.77
<b>Subtotal Exports: New England</b>		<b>850 539</b>	<b>4 507 946</b>	<b>29 407 995</b>	<b>159 065 098</b>	<b>34.58</b>	<b>34.57</b>
<b>New York</b>	Ontario	35 613	178 815	1 176 077	6 922 662	32.99	27.85
	Quebec	368 655	1 004 566	16 245 762	41 843 424	39.25	36.57
<b>Subtotal Exports: New York</b>		<b>404 268</b>	<b>1 183 381</b>	<b>17 421 839</b>	<b>48 766 086</b>	<b>38.70</b>	<b>34.93</b>
<b>North Dakota</b>	Manitoba	25 165	43 573	1 084 855	1 970 927	28.49	25.27
	Saskatchewan	9 048	19 730	378 870	828 372	41.87	38.09
<b>Subtotal Exports: North Dakota</b>		<b>34 213</b>	<b>63 303</b>	<b>1 463 725</b>	<b>2 799 299</b>	<b>32.03</b>	<b>28.14</b>
<b>Oregon</b>	Alberta	0	175	0	5 386	0.00	18.44
	British Columbia	6 132	249 378	262 781	6 400 960	42.85	24.44
<b>Subtotal Exports: Oregon</b>		<b>6 132</b>	<b>249 553</b>	<b>262 781</b>	<b>6 406 346</b>	<b>42.85</b>	<b>24.28</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>	
		JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M
<b>Pennsylvania</b>	Ontario	237	3 549	6 237	157 008	26.32	29.79
<b>Subtotal Exports: Pennsylvania</b>		<b>237</b>	<b>3 549</b>	<b>6 237</b>	<b>157 008</b>	<b>26.32</b>	<b>29.79</b>
<b>South Dakota</b>	Manitoba	28	17 883	1 236	412 158	44.15	23.02
<b>Subtotal Exports: South Dakota</b>		<b>28</b>	<b>17 883</b>	<b>1 236</b>	<b>412 158</b>	<b>44.15</b>	<b>23.02</b>
<b>Texas</b>	Manitoba	71 796	410 929	2 453 825	11 097 141	24.03	20.94
<b>Subtotal Exports: Texas</b>		<b>71 796</b>	<b>410 929</b>	<b>2 453 825</b>	<b>11 097 141</b>	<b>24.03</b>	<b>20.94</b>
<b>Vermont</b>	Quebec	183 562	945 627	15 924 224	93 755 495	33.14	34.88
<b>Subtotal Exports: Vermont</b>		<b>183 562</b>	<b>945 627</b>	<b>15 924 224</b>	<b>93 755 495</b>	<b>33.14</b>	<b>34.88</b>
<b>Washington</b>	Alberta	0	49 547	0	947 048	0.00	16.78
	British Columbia	60 297	2 272 133	1 614 914	57 116 318	26.78	23.58
	Saskatchewan	1 533	9 926	83 784	398 231	54.65	35.31
<b>Subtotal Exports: Washington</b>		<b>61 830</b>	<b>2 331 606</b>	<b>1 698 698</b>	<b>58 461 596</b>	<b>27.47</b>	<b>23.48</b>
<b>Wisconsin</b>	Manitoba	97 571	467 827	2 060 479	10 412 271	21.06	21.41
<b>Subtotal Exports: Wisconsin</b>		<b>97 571</b>	<b>467 827</b>	<b>2 060 479</b>	<b>10 412 271</b>	<b>21.06</b>	<b>21.41</b>
<b>Total Exports</b>		<b>3 451 543</b>	<b>18 129 462</b>	<b>175 785 284</b>	<b>709 282 359</b>	<b>44.27</b>	<b>29.61</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>	
		JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	L12M
<b>Maine</b>	New Brunswick	523	6 647	22 860	188 112	43.71	34.97
<b>Subtotal Imports: Maine</b>		<b>523</b>	<b>6 647</b>	<b>22 860</b>	<b>188 112</b>	<b>43.71</b>	<b>34.97</b>
<b>Michigan</b>	Ontario	232 679	1 981 214	6 684 558	13 980 298	28.73	19.28
<b>Subtotal Imports: Michigan</b>		<b>232 679</b>	<b>1 981 214</b>	<b>6 684 558</b>	<b>13 980 298</b>	<b>28.73</b>	<b>19.28</b>
<b>Minnesota</b>	Manitoba	670	83 588	37 953	1 875 464	56.65	21.60
	Ontario	12 146	26 499	548 366	929 336	45.15	24.62
	Saskatchewan	200	200	11 742	11 742	58.71	58.71
<b>Subtotal Imports: Minnesota</b>		<b>13 016</b>	<b>110 287</b>	<b>598 061</b>	<b>2 816 542</b>	<b>45.95</b>	<b>23.44</b>
<b>Montana</b>	Alberta	238	1 440	9 479	57 841	39.81	40.43
	British Columbia	45	122	2 717	7 971	60.38	66.74
<b>Subtotal Imports: Montana</b>		<b>283</b>	<b>1 562</b>	<b>12 196</b>	<b>65 812</b>	<b>43.08</b>	<b>42.28</b>
<b>Nebraska</b>	Manitoba	373	387	46 940	99 959	110.06	110.03
<b>Subtotal Imports: Nebraska</b>		<b>373</b>	<b>387</b>	<b>46 940</b>	<b>99 959</b>	<b>110.06</b>	<b>110.03</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	31 510	264 079	1 933 172	8 566 078	61.35	33.16
	Quebec	0	524 497	0	17 569 238	0.00	32.45
<b>Subtotal Imports: New York</b>		<b>31 510</b>	<b>788 576</b>	<b>1 933 172</b>	<b>26 135 316</b>	<b>61.35</b>	<b>32.80</b>
<b>North Dakota</b>	Manitoba	0	640	0	15 166	0.00	23.70
	Saskatchewan	29 770	149 153	909 801	3 842 541	30.53	23.26
<b>Subtotal Imports: North Dakota</b>		<b>29 770</b>	<b>149 793</b>	<b>909 801</b>	<b>3 857 707</b>	<b>30.53</b>	<b>23.26</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>	
		JUN98	JAN98 - JUN98	JUN98	JAN98 - JUN98	JUN98	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	0	7 975	0	383 853	0.00	48.13
<b>Subtotal Imports: Pennsylvania</b>		<b>0</b>	<b>7 975</b>	<b>0</b>	<b>383 853</b>	<b>0.00</b>	<b>48.13</b>
<b>South Dakota</b>	Manitoba	0	20 910	0	308 515	0.00	14.78
<b>Subtotal Imports: South Dakota</b>		<b>0</b>	<b>20 910</b>	<b>0</b>	<b>308 515</b>	<b>0.00</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	2 803 668	16 759 429	0.00	34.21
<b>Subtotal Imports: Vermont</b>		<b>0</b>	<b>0</b>	<b>2 803 668</b>	<b>16 759 429</b>	<b>0.00</b>	<b>34.21</b>
<b>Washington</b>	Alberta	10 700	25 173	256 639	617 171	23.98	24.24
	British Columbia	795 767	2 492 587	12 785 779	41 305 778	16.07	16.95
	Saskatchewan	2 471	20 052	37 062	667 135	15.00	33.19
<b>Subtotal Imports: Washington</b>		<b>808 938</b>	<b>2 537 812</b>	<b>13 079 480</b>	<b>42 590 084</b>	<b>16.17</b>	<b>17.12</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>1 117 092</b>	<b>5 617 308</b>	<b>26 090 735</b>	<b>108 701 713</b>	<b>20.84</b>	<b>21.19</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	JUN98		
	Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>
Hydraulic	1 771 203	59 181 847	33.41
Imported Coal	358 229	7 648 316	21.35
Imported Oil	188 765	48 462 396	256.73
Other	1 060 331	34 314 629	32.36
<b>Total</b>	<b>3 378 528</b>	<b>149 607 189</b>	<b>44.28</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	JUN98		
			Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>
BC Hydro/Powerx	Hydraulic	Permit 43	- 705 133	-20 667 641	29.31
		<b>Subtotal</b>	<b>- 705 133</b>	<b>-20 667 641</b>	<b>29.31</b>
	Other	Permit 43	801 242	23 484 623	29.31
		Permit 44	6 896	271 846	39.42
		<b>Subtotal</b>	<b>808 138</b>	<b>23 756 469</b>	<b>29.40</b>
	<b>Subtotal</b>		<b>103 005</b>	<b>3 088 827</b>	<b>29.99</b>
Hydro-Quebec	Hydraulic	Licence 176	560 081	19 302 551	34.46
		Licence 178	300 945	10 362 906	34.44
		Licence 180	96 933	3 361 337	34.68
		Licence 181	28 336	585 134	20.65
		Licence 182	14 618	554 557	37.94
		Licence 183	23 661	897 618	37.94
		Licence 184	13 668	518 518	37.94
		Permit 64	49 575	2 672 298	53.90
		Permit 65	304 137	11 470 898	37.72
		<b>Subtotal</b>	<b>1 391 954</b>	<b>49 725 817</b>	<b>35.72</b>
		<b>Subtotal</b>		<b>1 391 954</b>	<b>49 725 817</b>
Manitoba Hydro	Hydraulic	Licence 170	274 982	6 871 186	24.99
		Permit 33	16 350	334 203	20.44
		Permit 34	18 600	395 522	21.27

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	JUN98			
			Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>	
Manitoba Hydro	Hydraulic	Permit 35	15 898	373 626	23.50	
		Permit 45	170 444	4 615 292	27.08	
		Permit 46	553 987	13 469 721	24.31	
		Permit 52	5 501	139 239	25.31	
		Permit 68	11 082	262 131	23.65	
		<b>Subtotal</b>	<b>1 066 844</b>	<b>26 460 920</b>	<b>24.80</b>	
	Other	Permit 45	623	16 870	27.08	
		<b>Subtotal</b>	<b>623</b>	<b>16 870</b>	<b>27.08</b>	
		<b>Subtotal</b>		<b>1 067 467</b>	<b>26 477 790</b>	<b>24.80</b>
	NB Power	Imported Coal	Permit 47	316	16 261	51.41
Permit 91			608	23 001	37.84	
<b>Subtotal</b>			<b>924</b>	<b>39 262</b>	<b>42.49</b>	
Imported Oil		Permit 15	159	15 377	96.83	
		Permit 16	241	13 919	57.78	
		Permit 18	16	929	56.63	
		Permit 47	5 129	263 692	51.41	
		Permit 91	51 600	2 001 260	38.78	
<b>Subtotal</b>		<b>57 145</b>	<b>2 295 176</b>	<b>40.16</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	JUN98		
			Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>
NB Power	Other	Permit 15	1 241	120 187	96.83
		Permit 16	5 580	320 922	57.51
		Permit 18	192	11 061	57.73
		Permit 47	819	42 079	51.41
		Permit 91	241 879	9 776 178	40.42
		<b>Subtotal</b>	<b>249 710</b>	<b>10 270 428</b>	<b>41.13</b>
	<b>Subtotal</b>		<b>307 779</b>	<b>12 604 866</b>	<b>40.95</b>
Ont. Hydro/OHIM	Hydraulic	Permit 21	17 538	3 662 752	208.85
		<b>Subtotal</b>	<b>17 538</b>	<b>3 662 752</b>	<b>208.85</b>
	Imported Coal	Permit 21	357 305	7 609 054	21.30
		<b>Subtotal</b>	<b>357 305</b>	<b>7 609 054</b>	<b>21.30</b>
	Imported Oil	Permit 21	131 620	46 167 220	350.76
		<b>Subtotal</b>	<b>131 620</b>	<b>46 167 220</b>	<b>350.76</b>
	Other	Permit 21	1 600	206 554	129.10
<b>Subtotal</b>		<b>1 600</b>	<b>206 554</b>	<b>129.10</b>	
<b>Subtotal</b>		<b>508 063</b>	<b>57 645 580</b>	<b>113.46</b>	
Powerex	Other	Permit 95	260	64 309	247.34
		<b>Subtotal</b>	<b>260</b>	<b>64 309</b>	<b>247.34</b>
	<b>Subtotal</b>		<b>260</b>	<b>64 309</b>	<b>247.34</b>
<b>Total All Exporters</b>			<b>3 378 528</b>	<b>149 607 189</b>	<b>44.28</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.