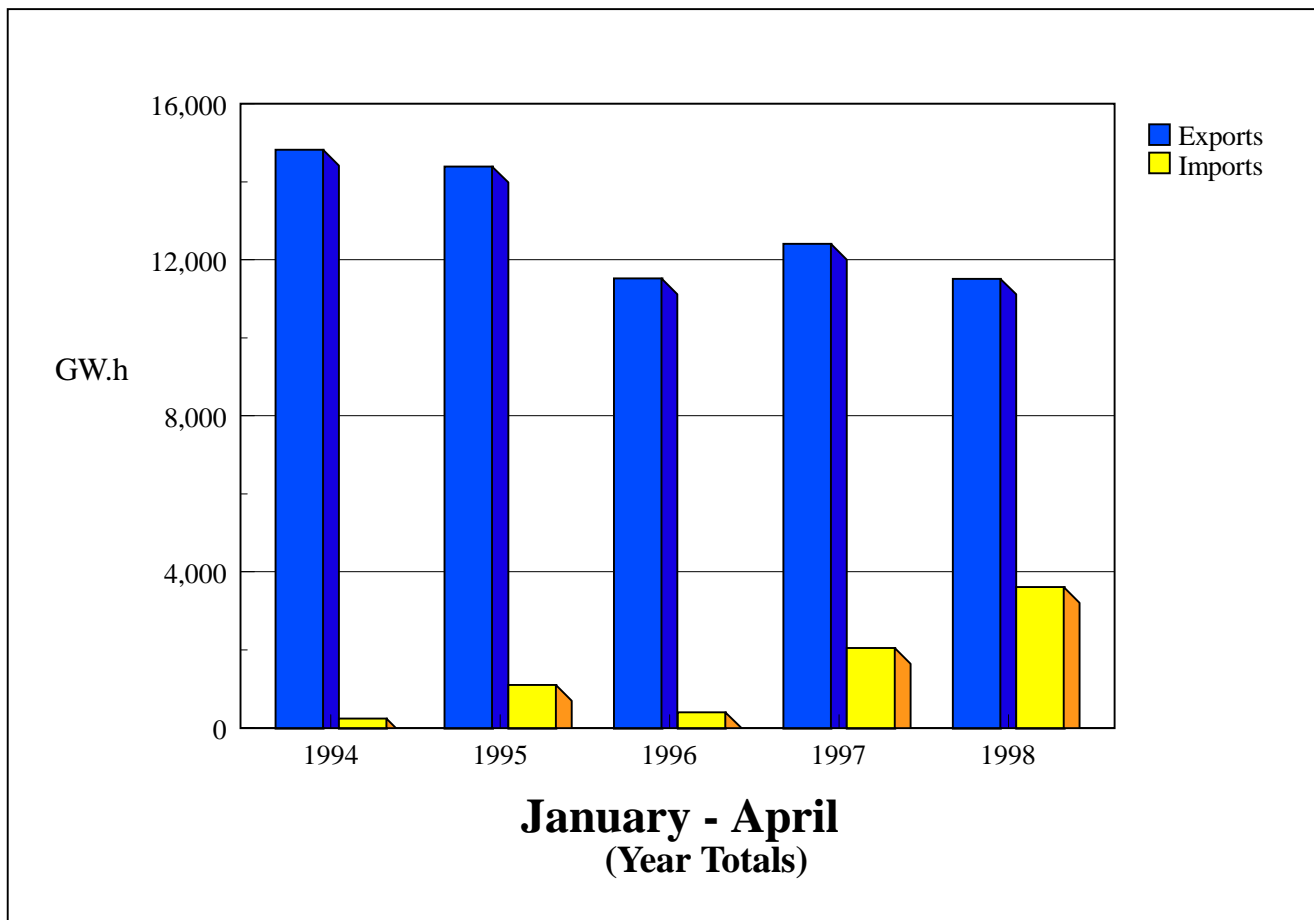




# Electricity Exports and Imports

## Monthly Statistics for: **April 1998**

Exports: **3369** GW.h  
Imports: **701** GW.h





National Energy Board  
Office national de l'énergie

# TABLE 1

## Exports and Imports of Electricity

### Summary: Canada

#### APRIL 1998

Page 1  
98/05/29

	Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
		APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
<b>Exports of Electric Energy</b>	<b>Firm</b>	1 638 418	5 939 268	68 942 944	250 627 730	30.90	29.78
	Interruptible	1 730 777	5 572 382	54 247 435	164 880 742	31.35	26.47
	Non-Revenue/Inadvertant	288 517	1 442 047	0	0	0.00	0.00
	Service	53 299	209 169	0	0	0.00	0.00
<b>Total Exports</b>		<b>3 711 011</b>	<b>13 162 866</b>	<b>123 190 380</b>	<b>415 508 472</b>	<b>28.26</b>	<b>25.98</b>
Total Sales - Firm and Interruptible		3 369 195	11 511 650	123 190 380	415 508 472	31.13	27.86
<b>Imports of Electric Energy</b>	<b>Non-Revenue/Inadvertant</b>	343 261	1 125 858	0	0	0.00	0.00
	Purchase	701 464	3 609 786	10 786 997	64 543 570	11.84	20.94
	Service	81 186	300 336	11 872	65 037	0.15	0.42
<b>Total Imports</b>		<b>1 125 911</b>	<b>5 035 980</b>	<b>10 798 869</b>	<b>64 608 607</b>	<b>7.39</b>	<b>16.10</b>
<b>Excess of Exports Over Imports</b>		<b>2 585 100</b>	<b>8 126 886</b>	<b>112 391 511</b>	<b>350 899 865</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>	
			APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
<b>Alberta</b>								
Enron Canada	Permit 98	I	887	887	15 504	15 504	17.48	17.48
TransAlta Ener.	Permit 73	I	0	150	0	2 349	0.00	15.66
	Permit 74	F	1 475	48 610	38 579	933 793	26.16	17.23
<b>Subtotal Firm and Interruptible Exports: Alberta</b>			<b>2 362</b>	<b>49 647</b>	<b>54 083</b>	<b>951 645</b>	<b>22.90</b>	<b>17.23</b>
<b>British Columbia</b>								
BC Hydro	Permit 105	F	95	336	9 945	15 351	104.38	64.65
	Treaty	N	29 134	161 390	0	0	0.00	0.00
BC Hydro/Powerx	Permit 43	I	667 774	2 053 701	22 112 632	60 481 641	33.11	25.90
	Permit 44	F	17 975	75 003	468 707	2 055 939	26.08	28.50
Cominco	Permit 57	I	2 725	92 662	108 269	2 404 369	39.73	25.70
Powerex	Permit 92	F	45 605	294 005	0	0	0.00	0.00
	Permit 95	F	5 700	11 560	221 072	559 113	38.78	43.84
<b>Subtotal Firm and Interruptible Exports: British Columbia</b>			<b>739 874</b>	<b>2 527 267</b>	<b>22 920 625</b>	<b>65 516 412</b>	<b>30.98</b>	<b>24.13</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>	
			APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
<b>Manitoba</b>								
Manitoba Hydro	Licence 170	F	273 527	1 110 990	12 840 151	51 058 246	24.27	22.62
	Permit 45	F	121 192	498 476	2 877 043	11 350 486	22.75	20.76
	Permit 46	I	530 690	1 856 834	12 698 366	40 169 280	23.97	18.76
		N	-15 280	- 139 946	0	0	0.00	0.00
	Permit 61	F	260	1 708	13 763	74 917	53.03	45.92
	Permit 68	F	10 770	27 790	527 036	1 670 716	23.70	18.68
<b>Subtotal Firm and Interruptible Exports: Manitoba</b>			<b>936 439</b>	<b>3 495 798</b>	<b>28 956 359</b>	<b>104 323 645</b>	<b>23.91</b>	<b>20.18</b>
<b>New Brunswick</b>								
Fraser Inc.	Permit 102	F	22 860	97 020	1 587 141	6 662 387	69.43	66.93
Maine & NB	Licence 177	F	21 106	43 977	431 138	1 061 230	16.40	16.40
NB Power	Permit 15	I	0	83	0	3 976	0.00	37.63
		N	1 245	2 144	0	0	0.00	0.00
	Permit 16	I	4 113	7 949	292 799	478 898	71.19	43.04
		N	-13 401	-16 408	0	0	0.00	0.00
	Permit 17	S	1 258	22 866	0	0	0.00	0.00
	Permit 18	I	7 886	14 895	366 233	724 345	46.44	49.37

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>	
			APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
NB Power	Permit 18	N	-25	-7	0	0	0.00	0.00
	Permit 28	F	2	12	316	1 482	127.45	120.79
	Permit 47	F	6 401	28 337	488 587	2 168 957	51.41	50.97
	Permit 91	I	467 233	1 184 896	16 737 299	47 544 801	35.82	40.47
<b>Subtotal Firm and Interruptible Exports: New Brunswick</b>			<b>529 601</b>	<b>1 377 169</b>	<b>19 903 514</b>	<b>58 646 076</b>	<b>37.12</b>	<b>42.15</b>
<b>Ontario</b>								
Cdn. Niagara	Permit 84	F	25 878	80 491	585 729	1 763 849	22.63	22.63
	Permit 85	S	6 978	48 397	0	0	0.00	0.00
Cornwall Elec.	Permit 82	I	732	1 018	14 255	17 542	19.47	20.38
	Permit 83	S	44 229	129 942	0	0	0.00	0.00
D&W Subway	Permit 26	F	155	579	0	0	0.00	0.00
Ont. Hydro/OHIM	Permit 21	I	40 381	84 366	1 680 381	3 505 986	41.61	23.91
		S	834	6 146	0	0	0.00	0.00
Ontario Hydro	Permit 22	N	285 585	1 147 303	0	0	0.00	0.00
	Permit 24	F	20	91	41	183	2.00	2.00
<b>Subtotal Firm and Interruptible Exports: Ontario</b>			<b>67 166</b>	<b>166 546</b>	<b>2 280 406</b>	<b>5 287 558</b>	<b>33.95</b>	<b>23.79</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>	
			APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
<b>Quebec</b>								
Hydro-Quebec	Licence 176	F	448 108	1 869 540	15 069 377	62 874 018	33.63	32.39
	Licence 178	F	236 475	236 475	9 729 106	9 729 106	33.60	35.83
	Licence 180	F	81 867	263 277	8 310 874	30 853 389	37.02	35.87
	Licence 181	F	28 303	115 632	2 591 639	10 459 421	37.02	36.01
	Licence 182	F	13 928	47 779	1 273 510	4 800 094	37.02	35.94
	Licence 183	F	23 727	49 713	2 289 715	7 481 895	37.02	35.76
	Licence 184	F	12 942	27 042	1 229 647	4 001 243	37.02	35.78
	Permit 20	F	275	531	18 939	36 385	68.93	70.56
	Permit 64	I	6 506	270 291	170 682	9 393 249	23.93	34.86
		N	1 664	287 399	0	0	0.00	0.00
		S	0	1 818	0	0	0.00	0.00
	Permit 65	F	236 396	1 001 353	8 230 943	40 728 258	35.04	39.52
<b>Subtotal Firm and Interruptible Exports: Quebec</b>			<b>1 088 527</b>	<b>3 881 633</b>	<b>48 914 432</b>	<b>180 357 058</b>	<b>34.38</b>	<b>34.71</b>
<b>Saskatchewan</b>								
Sask. Power	Licence 119	I	1 850	4 650	51 015	138 804	27.58	24.72
		N	- 405	172	0	0	0.00	0.00
	Permit 89	F	3 376	8 941	109 946	287 273	32.57	33.32
<b>Subtotal Firm and Interruptible Exports: Saskatchewan</b>			<b>5 226</b>	<b>13 591</b>	<b>160 962</b>	<b>426 077</b>	<b>30.80</b>	<b>27.66</b>
<b>Total Firm and Interruptible Exports:</b>			<b>3 369 195</b>	<b>11 511 650</b>	<b>123 190 380</b>	<b>415 508 472</b>	<b>31.13</b>	<b>27.86</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>	
			APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
<b>Alberta</b>								
Enron Canada	-	P	0	1 980	0	43 530	0.00	21.98
TransAlta		P	215	992	8 686	40 053	40.35	37.68
TransCanada		P	0	2 202	0	55 595	0.00	23.30
<b>Subtotal Purchased Imports: Alberta</b>			<b>215</b>	<b>5 174</b>	<b>8 686</b>	<b>139 178</b>	<b>40.35</b>	<b>26.67</b>
<b>British Columbia</b>								
BC Hydro		P	8	46	694	3 248	86.75	69.72
BC Hydro/Powerx		P	294 238	1 053 850	5 409 337	19 626 310	18.38	16.25
West Kootenay		P	894	60 417	18 256	2 241 172	20.42	24.03
<b>Subtotal Purchased Imports: British Columbia</b>			<b>295 140</b>	<b>1 114 313</b>	<b>5 428 287</b>	<b>21 870 730</b>	<b>18.39</b>	<b>16.80</b>
<b>Manitoba</b>								
Manitoba Hydro		N	-11 562	- 129 731	0	0	0.00	0.00
		P	5 525	103 000	102 313	2 293 020	16.45	19.85
<b>Subtotal Purchased Imports: Manitoba</b>			<b>5 525</b>	<b>103 000</b>	<b>102 313</b>	<b>2 293 020</b>	<b>16.45</b>	<b>19.85</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>	
			APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
<b>New Brunswick</b>								
Maine & NB	-	P	622	2 570	24 704	108 635	39.72	46.37
NB Power		N	14 201	18 827	0	0	0.00	0.00
		P	1 413	1 413	18 188	18 188	12.87	12.87
		S	1 258	22 866	0	0	0.00	0.00
<b>Subtotal Purchased Imports: New Brunswick</b>			<b>2 035</b>	<b>3 983</b>	<b>42 892</b>	<b>126 823</b>	<b>21.08</b>	<b>40.36</b>
<b>Ontario</b>								
Cdn. Niagara		N	848	2 136	0	0	0.00	0.00
Cornwall Elec.		P	637	3 220	33 240	476 801	52.18	110.46
		S	44 229	129 942	0	0	0.00	0.00
D&W Subway		P	153	559	0	0	0.00	0.00
Ontario Hydro		N	272 174	1 139 421	0	0	0.00	0.00
		P	347 357	1 783 787	1 587 034	8 199 714	4.57	20.73
		S	11 994	76 468	11 872	65 037	0.99	0.88
<b>Subtotal Purchased Imports: Ontario</b>			<b>348 147</b>	<b>1 787 566</b>	<b>1 620 274</b>	<b>8 676 515</b>	<b>4.65</b>	<b>20.92</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.





National Energy Board  
Office national de l'énergie

## TABLE 2B

### Import Summary Report

#### by Destination, Authorization and Exchange Type

Page 7  
98/05/29

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
			APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
<b>Quebec</b>								
Hydro-Quebec	-	N	67 171	92 157	0	0	0.00	0.00
		P	35 776	506 382	3 230 784	29 316 445	21.32	32.58
		S	23 705	31 060	0	0	0.00	0.00
<b>Subtotal Purchased Imports: Quebec</b>			<b>35 776</b>	<b>506 382</b>	<b>3 230 784</b>	<b>29 316 445</b>	<b>21.32</b>	<b>32.58</b>
<b>Saskatchewan</b>								
Sask. Power		N	429	3 048	0	0	0.00	0.00
		P	14 625	89 368	353 761	2 120 859	24.19	21.91
		S	0	40 000	0	0	0.00	0.00
<b>Subtotal Purchased Imports: Saskatchewan</b>			<b>14 625</b>	<b>89 368</b>	<b>353 761</b>	<b>2 120 859</b>	<b>24.19</b>	<b>21.91</b>
<b>Total Purchased Imports:</b>			<b>701 464</b>	<b>3 609 786</b>	<b>10 786 997</b>	<b>64 543 570</b>	<b>11.84</b>	<b>20.94</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.



National Energy Board  
Office national de l'énergie

## TABLE 3A

### Export Sales Summary Report by Destination and Source

Page 1  
98/05/29

Destination	Source	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
		APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
<b>Alaska</b>	British Columbia	95	336	9 945	15 351	104.38	64.65
<b>Subtotal Exports: Alaska</b>		<b>95</b>	<b>336</b>	<b>9 945</b>	<b>15 351</b>	<b>104.38</b>	<b>64.65</b>
<b>Arizona</b>	British Columbia	1 600	4 000	50 777	117 972	31.74	22.52
<b>Subtotal Exports: Arizona</b>		<b>1 600</b>	<b>4 000</b>	<b>50 777</b>	<b>117 972</b>	<b>31.74</b>	<b>22.52</b>
<b>California</b>	British Columbia	54 190	141 360	2 060 524	4 702 549	38.02	27.20
<b>Subtotal Exports: California</b>		<b>54 190</b>	<b>141 360</b>	<b>2 060 524</b>	<b>4 702 549</b>	<b>38.02</b>	<b>27.20</b>
<b>Idaho</b>	British Columbia	11 917	52 093	445 535	1 694 509	37.39	24.47
<b>Subtotal Exports: Idaho</b>		<b>11 917</b>	<b>52 093</b>	<b>445 535</b>	<b>1 694 509</b>	<b>37.39</b>	<b>24.47</b>
<b>Iowa</b>	Manitoba	29 285	58 274	736 914	1 153 294	25.16	13.90
<b>Subtotal Exports: Iowa</b>		<b>29 285</b>	<b>58 274</b>	<b>736 914</b>	<b>1 153 294</b>	<b>25.16</b>	<b>13.90</b>
<b>Maine</b>	New Brunswick	529 601	1 377 169	19 903 514	58 646 076	37.12	42.15
<b>Subtotal Exports: Maine</b>		<b>529 601</b>	<b>1 377 169</b>	<b>19 903 514</b>	<b>58 646 076</b>	<b>37.12</b>	<b>42.15</b>
<b>Michigan</b>	Ontario	26 080	53 229	1 018 301	2 069 659	39.05	22.47
<b>Subtotal Exports: Michigan</b>		<b>26 080</b>	<b>53 229</b>	<b>1 018 301</b>	<b>2 069 659</b>	<b>39.05</b>	<b>22.47</b>
<b>Minnesota</b>	Manitoba	743 566	2 904 806	24 275 209	90 789 743	23.83	20.33
	Ontario	7 620	17 985	353 281	817 368	46.36	35.95
<b>Subtotal Exports: Minnesota</b>		<b>751 186</b>	<b>2 922 791</b>	<b>24 628 490</b>	<b>91 607 111</b>	<b>24.06</b>	<b>20.51</b>
<b>Missouri</b>	Manitoba	14	263	601	5 961	42.91	20.56
<b>Subtotal Exports: Missouri</b>		<b>14</b>	<b>263</b>	<b>601</b>	<b>5 961</b>	<b>42.91</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.



National Energy Board  
Office national de l'énergie

## TABLE 3A

### Export Sales Summary Report by Destination and Source

Page 2  
98/05/29

Destination	Source	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
		APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
<b>Montana</b>	British Columbia	6 990	8 079	262 077	296 126	37.49	30.68
<b>Subtotal Exports: Montana</b>		<b>6 990</b>	<b>8 079</b>	<b>262 077</b>	<b>296 126</b>	<b>37.49</b>	<b>30.68</b>
<b>Nebraska</b>	Manitoba	1 176	3 192	34 557	92 461	29.39	30.39
<b>Subtotal Exports: Nebraska</b>		<b>1 176</b>	<b>3 192</b>	<b>34 557</b>	<b>92 461</b>	<b>29.39</b>	<b>30.39</b>
<b>New England</b>	Quebec	664 637	2 991 686	22 608 711	106 926 243	34.02	34.41
<b>Subtotal Exports: New England</b>		<b>664 637</b>	<b>2 991 686</b>	<b>22 608 711</b>	<b>106 926 243</b>	<b>34.02</b>	<b>34.41</b>
<b>New York</b>	Ontario	32 627	93 594	873 612	2 328 746	26.78	26.09
	Quebec	239 511	288 682	9 846 793	11 762 023	33.67	36.40
<b>Subtotal Exports: New York</b>		<b>272 138</b>	<b>382 276</b>	<b>10 720 405</b>	<b>14 090 769</b>	<b>32.84</b>	<b>33.57</b>
<b>North Dakota</b>	Manitoba	463	3 345	10 208	62 395	22.05	20.82
	Saskatchewan	2 650	6 250	75 056	184 388	28.32	24.94
<b>Subtotal Exports: North Dakota</b>		<b>3 113</b>	<b>9 595</b>	<b>85 264</b>	<b>246 782</b>	<b>27.39</b>	<b>22.70</b>
<b>Oregon</b>	Alberta	75	175	2 360	5 386	31.47	18.44
	British Columbia	54 829	225 151	1 412 088	5 727 333	25.75	24.31
<b>Subtotal Exports: Oregon</b>		<b>54 904</b>	<b>225 326</b>	<b>1 414 448</b>	<b>5 732 718</b>	<b>25.76</b>	<b>24.17</b>
<b>Pennsylvania</b>	Ontario	839	1 737	35 212	71 785	41.97	26.25
<b>Subtotal Exports: Pennsylvania</b>		<b>839</b>	<b>1 737</b>	<b>35 212</b>	<b>71 785</b>	<b>41.97</b>	<b>26.25</b>
<b>South Dakota</b>	Manitoba	10 177	16 652	239 887	377 678	23.57	17.10
<b>Subtotal Exports: South Dakota</b>		<b>10 177</b>	<b>16 652</b>	<b>239 887</b>	<b>377 678</b>	<b>23.57</b>	<b>17.10</b>
<b>Texas</b>	Manitoba	85 648	242 643	2 020 158	5 713 023	23.59	19.33
<b>Subtotal Exports: Texas</b>		<b>85 648</b>	<b>242 643</b>	<b>2 020 158</b>	<b>5 713 023</b>	<b>23.59</b>	<b>19.33</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.



National Energy Board  
Office national de l'énergie

## TABLE 3A

### Export Sales Summary Report by Destination and Source

Page 3  
98/05/29

Destination	Source	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
		APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
<b>Vermont</b>	Quebec	184 379	601 265	16 458 928	61 668 793	36.63	34.67
<b>Subtotal Exports: Vermont</b>		<b>184 379</b>	<b>601 265</b>	<b>16 458 928</b>	<b>61 668 793</b>	<b>36.63</b>	<b>34.67</b>
<b>Washington</b>	Alberta	2 287	49 472	51 722	946 260	22.62	17.08
	British Columbia	610 253	2 096 248	18 679 680	52 962 571	30.61	23.46
	Saskatchewan	2 576	7 341	85 906	241 690	33.35	33.47
<b>Subtotal Exports: Washington</b>		<b>615 116</b>	<b>2 153 061</b>	<b>18 817 308</b>	<b>54 150 521</b>	<b>30.59</b>	<b>23.35</b>
<b>Wisconsin</b>	Manitoba	66 110	266 623	1 638 824	6 129 089	24.62	21.05
<b>Subtotal Exports: Wisconsin</b>		<b>66 110</b>	<b>266 623</b>	<b>1 638 824</b>	<b>6 129 089</b>	<b>24.62</b>	<b>21.05</b>
<b>Total Exports</b>		<b>3 369 195</b>	<b>11 511 650</b>	<b>123 190 380</b>	<b>415 508 472</b>	<b>31.13</b>	<b>27.86</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.



National Energy Board  
Office national de l'énergie

## TABLE 3B

### Import Purchases Summary Report by Source and Destination

Page 4  
98/05/29

Source	Destination	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
		APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
<b>Maine</b>	New Brunswick	2 035	3 983	42 892	126 823	21.08	40.36
<b>Subtotal Imports: Maine</b>		<b>2 035</b>	<b>3 983</b>	<b>42 892</b>	<b>126 823</b>	<b>21.08</b>	<b>40.36</b>
<b>Michigan</b>	Ontario	293 098	1 528 365	87 047	2 184 602	0.30	18.48
<b>Subtotal Imports: Michigan</b>		<b>293 098</b>	<b>1 528 365</b>	<b>87 047</b>	<b>2 184 602</b>	<b>0.30</b>	<b>18.48</b>
<b>Minnesota</b>	Manitoba	5 525	81 420	90 871	1 781 374	16.45	21.08
	Ontario	4 960	14 665	135 791	389 822	27.38	22.57
<b>Subtotal Imports: Minnesota</b>		<b>10 485</b>	<b>96 085</b>	<b>226 663</b>	<b>2 171 196</b>	<b>21.62</b>	<b>21.95</b>
<b>Montana</b>	Alberta	215	992	8 686	40 053	40.35	37.68
	British Columbia	8	46	694	3 248	86.75	69.72
<b>Subtotal Imports: Montana</b>		<b>223</b>	<b>1 038</b>	<b>9 380</b>	<b>43 301</b>	<b>42.01</b>	<b>39.61</b>
<b>Nebraska</b>	Manitoba	0	0	11 442	44 131	0.00	0.00
<b>Subtotal Imports: Nebraska</b>		<b>0</b>	<b>0</b>	<b>11 442</b>	<b>44 131</b>	<b>0.00</b>	<b>0.00</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	43 739	231 836	1 078 095	5 463 410	24.65	30.51
	Quebec	35 776	495 051	762 594	16 903 465	21.32	31.40
<b>Subtotal Imports: New York</b>		<b>79 515</b>	<b>726 887</b>	<b>1 840 689</b>	<b>22 366 874</b>	<b>23.15</b>	<b>30.97</b>
<b>North Dakota</b>	Manitoba	0	640	0	15 166	0.00	23.70
	Saskatchewan	13 500	80 243	322 029	1 892 987	23.85	21.46
<b>Subtotal Imports: North Dakota</b>		<b>13 500</b>	<b>80 883</b>	<b>322 029</b>	<b>1 908 153</b>	<b>23.85</b>	<b>21.47</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.



National Energy Board  
Office national de l'énergie

## TABLE 3B

### Import Purchases Summary Report by Source and Destination

Page 5  
98/05/29

Source	Destination	Energy (MW.h)		Revenue (CAN\$) <sup>1</sup>		CAN\$/MW.h <sup>2</sup>	
		APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	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	6 350	12 700	319 341	638 682	50.29	50.29
<b>Subtotal Imports: Pennsylvania</b>		<b>6 350</b>	<b>12 700</b>	<b>319 341</b>	<b>638 682</b>	<b>50.29</b>	<b>50.29</b>
<b>South Dakota</b>	Manitoba	0	20 285	0	292 063	0.00	14.43
<b>Subtotal Imports: South Dakota</b>		<b>0</b>	<b>20 285</b>	<b>0</b>	<b>292 063</b>	<b>0.00</b>	<b>14.43</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	2 468 190	11 061 889	0.00	34.65
<b>Subtotal Imports: Vermont</b>		<b>0</b>	<b>0</b>	<b>2 468 190</b>	<b>11 061 889</b>	<b>0.00</b>	<b>34.65</b>
<b>Washington</b>	Alberta	0	4 132	0	97 540	0.00	22.96
	British Columbia	295 132	1 114 157	5 427 593	21 864 358	18.39	16.80
	Saskatchewan	1 125	9 125	31 732	227 872	28.21	27.84
<b>Subtotal Imports: Washington</b>		<b>296 257</b>	<b>1 127 414</b>	<b>5 459 325</b>	<b>22 189 769</b>	<b>18.43</b>	<b>16.87</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>701 464</b>	<b>3 609 786</b>	<b>10 786 997</b>	<b>64 543 570</b>	<b>11.84</b>	<b>20.94</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.



National Energy Board  
Office national de l'énergie

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

Page 1  
98/05/29

Fuel Type	APR98		
	Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>
Hydraulic	2 388 644	71 886 149	30.09
Imported Coal	147 655	5 123 236	34.70
Imported Oil	179 432	6 523 145	36.35
Nuclear	93 896	3 343 037	35.60
Other	480 598	15 219 733	31.67
<b>Total</b>	<b>3 290 224</b>	<b>102 095 299</b>	<b>31.03</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	APR98		
			Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>
BC Hydro/Powerx	Hydraulic	Permit 43	366 146	12 124 539	33.11
		<b>Subtotal</b>	<b>366 146</b>	<b>12 124 539</b>	<b>33.11</b>
	Other	Permit 43	301 628	9 988 093	33.11
		Permit 44	17 975	468 707	26.08
		<b>Subtotal</b>	<b>319 603</b>	<b>10 456 800</b>	<b>32.72</b>
	<b>Subtotal</b>		<b>685 749</b>	<b>22 581 339</b>	<b>32.93</b>
Cominco	Hydraulic	Permit 57	2 725	108 269	39.73
		<b>Subtotal</b>	<b>2 725</b>	<b>108 269</b>	<b>39.73</b>
	<b>Subtotal</b>		<b>2 725</b>	<b>108 269</b>	<b>39.73</b>
Hydro-Quebec	Hydraulic	Licence 176	448 108	15 069 377	33.63
		Licence 178	236 475	7 945 631	33.60
		Licence 180	81 867	3 030 513	37.02
		Licence 181	28 303	1 047 707	37.02
		Licence 182	13 928	515 580	37.02
		Licence 183	23 727	878 315	37.02
		Licence 184	12 942	479 081	37.02
		Permit 64	6 506	155 669	23.93
		Permit 65	236 396	8 284 238	35.04
		<b>Subtotal</b>	<b>1 088 252</b>	<b>37 406 112</b>	<b>34.37</b>
<b>Subtotal</b>		<b>1 088 252</b>	<b>37 406 112</b>	<b>34.37</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	APR98			
			Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>	
Manitoba Hydro	Hydraulic	Licence 170	267 452	6 491 192	24.27	
		Permit 45	121 192	2 757 698	22.76	
		Permit 46	530 690	12 721 088	23.97	
		Permit 68	10 770	255 298	23.71	
		<b>Subtotal</b>	<b>930 104</b>	<b>22 225 277</b>	<b>23.90</b>	
	Other	Licence 170	6 075	147 443	24.27	
		<b>Subtotal</b>	<b>6 075</b>	<b>147 443</b>	<b>24.27</b>	
	<b>Subtotal</b>			<b>936 179</b>	<b>22 372 720</b>	<b>23.90</b>
	NB Power	Imported Coal	Permit 16	407	28 890	71.04
			Permit 18	1 610	74 543	46.30
Permit 47			738	37 920	51.41	
Permit 91			120 304	3 943 974	32.78	
<b>Subtotal</b>			<b>123 058</b>	<b>4 085 327</b>	<b>33.20</b>	
Imported Oil		Permit 16	2 040	145 355	71.26	
		Permit 18	2 670	123 622	46.30	
		Permit 47	457	23 489	51.41	
		Permit 91	164 027	5 722 392	34.89	
		<b>Subtotal</b>	<b>169 194</b>	<b>6 014 859</b>	<b>35.55</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	APR98			
			Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>	
NB Power	Nuclear	Permit 16	101	7 175	71.04	
		Permit 18	1 584	73 325	46.30	
		Permit 47	5 206	267 656	51.41	
		Permit 91	87 005	2 994 881	34.42	
		<b>Subtotal</b>	<b>93 896</b>	<b>3 343 037</b>	<b>35.60</b>	
	Other	Permit 16	1 566	111 379	71.15	
		Permit 18	2 022	94 743	46.86	
		Permit 47	0	10	51.40	
		Permit 91	95 898	4 076 051	42.50	
		<b>Subtotal</b>	<b>99 486</b>	<b>4 282 184</b>	<b>43.04</b>	
		<b>Subtotal</b>		<b>485 633</b>	<b>17 725 407</b>	<b>36.50</b>
	Ont. Hydro/OHIM	Hydraulic	Permit 21	1 417	21 953	15.49
			<b>Subtotal</b>	<b>1 417</b>	<b>21 953</b>	<b>15.49</b>
		Imported Coal	Permit 21	24 597	1 037 909	42.20
<b>Subtotal</b>			<b>24 597</b>	<b>1 037 909</b>	<b>42.20</b>	
Imported Oil		Permit 21	10 238	508 286	49.65	
		<b>Subtotal</b>	<b>10 238</b>	<b>508 286</b>	<b>49.65</b>	
Other		Permit 21	4 129	112 233	27.18	
		<b>Subtotal</b>	<b>4 129</b>	<b>112 233</b>	<b>27.18</b>	
		<b>Subtotal</b>		<b>40 381</b>	<b>1 680 381</b>	<b>41.61</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.



National Energy Board  
Office national de l'énergie

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

Page 4  
98/05/29

Exporter	Fuel Type	Authorization	APR98		
			Energy (MW.h)	Revenue (CAN\$) <sup>2</sup>	CAN\$/MW.h <sup>2</sup>
Powerex	Other	Permit 92	45 605	0	0.00
		Permit 95	5 700	221 072	38.79
		<b>Subtotal</b>	<b>51 305</b>	<b>221 072</b>	<b>4.31</b>
	<b>Subtotal</b>	<b>51 305</b>	<b>221 072</b>	<b>4.31</b>	
<b>Total All Exporters</b>			<b>3 290 224</b>	<b>102 095 299</b>	<b>31.03</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.