



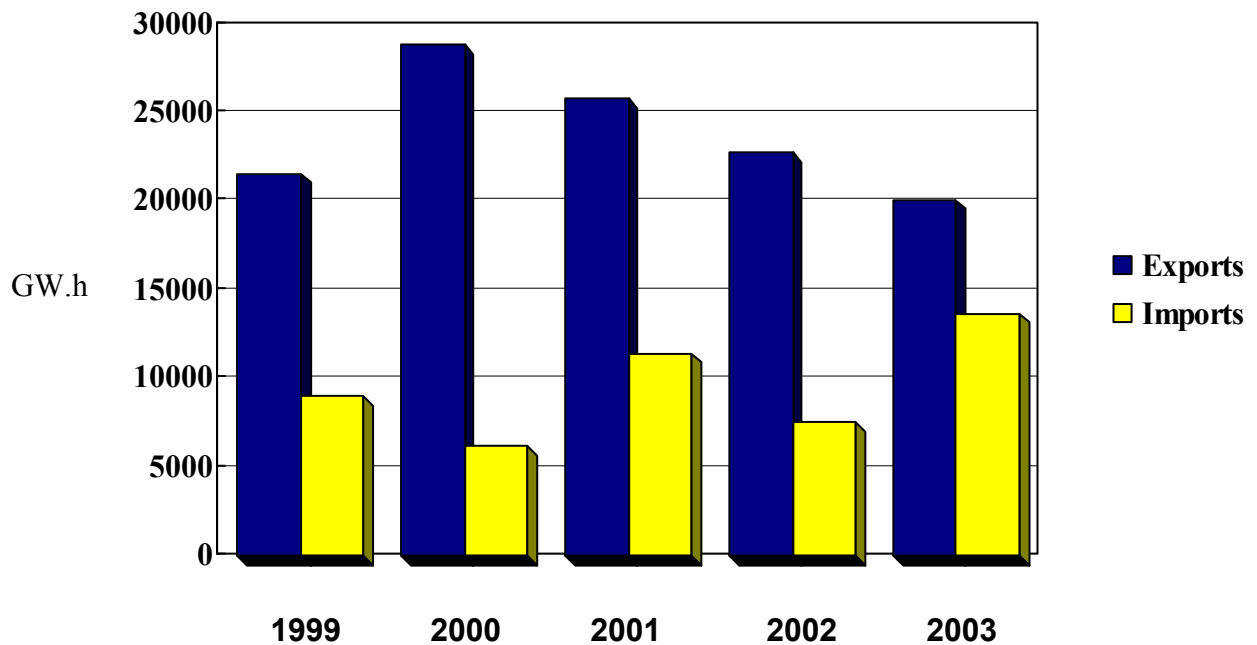
Electricity Exports and Imports

Monthly Statistics for

July 2003 [Revision 27 August 2004]*

Exports: 3642 GW.h

Imports: 1376 GW.h



January – July*

(Year Totals)



National Energy Board
Office national de l'énergie

TABLE 1

Exports and Imports of Electricity

Summary: Canada

JULY 2003

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	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
		JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Exports of Electric Energy	Firm	1 535 189	7 840 710	93 932 711	497 755 675	54.30	54.15
	Interruptible	2 106 469	12 235 231	151 567 363	845 193 565	70.96	61.15
	Non-Revenue/Inadvertant	- 492 107	-2 743 038	0	0	0.00	0.00
	Service	46 162	641 016	316 284	1 581 496	6.85	5.10
Total Exports		3 195 713	17 973 919	245 816 358	1 344 530 737	72.96	64.30
Total Sales - Firm and Interruptible		3 641 658	20 075 940	245 500 074	1 342 949 241	63.94	58.58
Imports of Electric Energy	Non-Revenue/Inadvertant	- 546 344	-3 047 584	0	0	0.00	0.00
	Purchase	1 376 013	13 646 129	63 007 940	703 224 175	45.79	52.48
	Service	46 162	641 016	18 535	284 093	0.40	0.54
Total Imports		875 830	11 239 560	63 026 475	703 508 268	71.96	61.95
Excess of Exports Over Imports		2 319 883	6 734 358	182 789 882	641 022 469		
Number of Export Licences:		9					
Number of Export Permits/Orders:		151					
		160					

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.)

For further information, contact:

Mary-Jane Sam
Statistical Research Officer,
Commodities Business Unit
National Energy Board
(403) 299-3706



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

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²		
			JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M	
Alberta									
Cargill Trading	Permit 204	F	0	75	0	5 169	0.00	68.92	
Enmax Marketing	Permit 169	I	225	13 287	12 748	736 764	56.66	43.58	
EPCOR Merchant	Permit 186	I	1 416	7 067	83 147	418 373	58.72	59.20	
TransCanada	Permit 78	I	711	20 074	33 329	1 077 387	46.88	50.62	
Subtotal Firm and Interruptible Exports: Alberta			2 352	40 503	129 225	2 237 694	54.94	47.88	
British Columbia									
BC Hydro	Permit 105	F	92	677	6 597	48 496	71.71	209.74	
	Permit 127	N	- 553 426	-2 562 013	0	0	0.00	0.00	
		S	39 324	609 272	0	0	0.00	0.00	
	Permit 192	N	35 545	169 429	0	0	0.00	0.00	
Treaty	N		11 801	158 718	0	0	0.00	0.00	
Powerex Corp.	Permit 118	I	743 340	3 252 458	51 066 497	192 824 748	68.70	48.62	
Teck Cominco	Permit 132	F	90 880	443 569	5 224 659	24 001 453	57.49	48.97	
TransAlta Ener	Permit 168	F	525	44 933	27 043	1 964 444	51.51	41.50	
Subtotal Firm and Interruptible Exports: British Columbia			834 837	3 741 637	56 324 795	218 839 141	67.47	48.61	

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)
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TABLE 2A

Export Summary Report

by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
			JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Manitoba								
Manitoba Hydro	Licence 170	F	146 641	1 727 324	9 588 563	86 105 279	65.39	50.47
	Permit 33	F	64 864	94 104	2 829 776	4 058 274	43.63	41.11
	Permit 34	F	51 273	73 463	2 236 851	3 169 149	43.63	41.73
	Permit 35	F	50 490	65 505	3 040 425	3 772 702	60.22	43.52
	Permit 45	F	88 284	256 232	6 476 019	19 293 322	73.35	78.31
	Permit 46	I	3 103	550 358	339 793	29 336 271	109.50	46.70
		N	29 797	177 831	0	0	0.00	0.00
	Permit 68	F	16 279	131 458	594 737	4 690 436	36.53	37.31
	Permit 128	F	390	4 044	23 339	209 865	59.85	53.20
	Permit 144	F	18 390	122 108	1 248 820	10 008 971	67.91	88.68
	Permit 155	F	21 870	140 452	1 399 671	9 351 490	64.00	68.65
	Permit 207	F	36 800	242 466	2 684 028	18 121 977	72.94	77.23
Powerex Corp.	Permit 116	I	0	10	0	0	0.00	0.00
Subtotal Firm and Interruptible Exports: Manitoba			498 384	3 407 524	30 462 022	188 117 737	61.12	53.99
New Brunswick								
Brascan	Permit 112	F	53 935	53 935	3 589 688	3 589 688	66.56	66.56
Fraser Inc.	Permit 225	F	25 815	189 255	1 809 533	13 087 153	70.10	69.15

Footnotes:

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

- F - Firm Sales
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TABLE 2A

Export Summary Report

by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
			JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
NB Power	Permit 47	F	6 951	47 832	462 948	3 317 658	66.60	66.73
	Permit 90	F	19 756	156 730	1 419 082	10 953 914	67.91	67.53
	Permit 91	I	72 577	697 512	4 742 112	50 247 907	64.38	69.82
	Permit 148	F	126 010	580 956	7 742 258	32 280 263	61.44	61.42
WPS Power Dev.	Licence 177	F	6 090	54 090	254 541	2 286 011	41.80	37.56
Subtotal Firm and Interruptible Exports: New Brunswick			311 133	1 780 309	20 020 162	115 762 594	63.87	66.08
Nova Scotia								
Brascan	Permit 112	F	59 205	59 205	3 814 141	3 814 141	64.42	64.42
Emera Energy	Permit 216	I	0	3 167	0	174 841	0.00	55.21
Subtotal Firm and Interruptible Exports: Nova Scotia			59 205	62 372	3 814 141	3 988 981	64.42	63.95
Ontario								
Advantage Energ	Permit 223	F	1	1	75	75	75.00	75.00
Brascan	Permit 112	F	213 256	483 161	10 122 487	22 438 255	47.47	46.44
Cargill Canada	Permit 204	F	0	26 233	0	2 494 464	0.00	87.87
Cargill Trading		F	16 748	40 420	764 440	1 867 046	45.64	46.19

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)
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TABLE 2A

Export Summary Report

by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
			JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Conectiv Energy	Permit 212	I	105 231	184 132	4 180 932	9 265 484	39.73	47.92
Constellation	Permit 138	I	26 357	26 607	1 545 489	1 582 109	58.64	59.46
Coral Energy	Permit 174	F	22 832	235 640	1 087 719	13 775 795	47.64	57.81
D&W Subway	Permit 26	F	143	1 656	0	0	0.00	0.00
DTE Energy Trad	Permit 206	F	85 963	728 110	3 130 239	41 831 043	36.41	55.07
EPCOR Merchant	Permit 187	F	12 644	39 028	455 126	1 912 074	36.00	49.05
Hydro One Net	Permit 25	F	0	20	0	1 081	0.00	52.34
Ind Ele Mark Op	Permit 22	N	-15 824	- 687 003	0	0	0.00	0.00
Ont Power Gen	Permit 24	F	14	133	27	266	2.00	2.00
OPGI/OHIM	Permit 21	I	158 451	852 189	7 909 939	43 420 424	49.77	48.39
		S	6 838	31 744	316 284	1 581 496	46.25	45.97
PG&E Ener. Trad	Permit 146	F	0	2 190	0	107 778	0.00	50.07
Powerex Corp.	Permit 116	I	4 768	14 130	356 788	970 208	74.83	68.66
Sempra Corp	Permit 157	F	16 968	44 972	636 589	2 232 410	37.52	49.43
SPLIT ROCK	Permit 221	F	89 853	318 020	4 567 683	19 578 198	50.84	55.05

Footnotes:

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

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TABLE 2A

Export Summary Report by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
			JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
TransAlta Ener	Permit 168	F	365	3 426	28 131	144 503	77.07	42.18
Subtotal Firm and Interruptible Exports: Ontario			753 594	3 000 068	34 785 665	161 621 215	46.13	51.59
Quebec								
Brascan	Permit 112	F	36 281	358 550	2 390 289	25 986 888	65.88	70.40
Hydro-Quebec	Licence 180	F	87 688	603 013	8 280 236	60 239 859	37.12	40.32
	Licence 181	F	15 406	103 441	1 377 111	9 916 432	37.12	40.34
	Licence 182	F	13 302	93 254	1 218 485	8 931 831	37.12	40.32
	Licence 183	F	23 703	163 597	2 227 752	16 233 158	37.12	40.32
	Licence 184	F	15 483	106 697	1 493 627	10 875 127	37.12	40.33
	Permit 20	F	0	736	0	51 476	0.00	70.86
	Permit 64	I	807 143	5 424 877	70 166 582	449 110 060	84.47	77.67
	Permit 65	F	0	0	1 679 973	5 008 060	0.00	0.00
MEHQ	Permit 129	I	79 117	718 630	3 265 878	36 358 062	41.28	47.94
Subtotal Firm and Interruptible Exports: Quebec			1 078 123	7 572 795	92 099 934	622 710 953	73.84	68.42
Saskatchewan								
Northpoint	Permit 88	I	104 030	470 281	7 864 130	29 640 836	75.59	58.27

Footnotes:

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

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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\$) ¹		CAN\$/MW.h ²	
			JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Powerex Corp.	Permit 116	I	0	452	0	30 091	0.00	66.57
Subtotal Firm and Interruptible Exports: Saskatchewan			104 030	470 733	7 864 130	29 670 927	75.59	58.28
Total Firm and Interruptible Exports:			3 641 658	20 075 940	245 500 074	1 342 949 241	63.94	58.58

Footnotes:

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

- F - Firm Sales
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TABLE 2B Import Summary Report by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
			JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Alberta								
Cargill Canada	-	P	0	1 875	0	97 733	0.00	52.12
Cargill Trading		P	1 525	4 960	131 540	375 214	86.26	75.65
Coral Energy		P	0	2 905	0	206 088	0.00	70.94
Enmax Marketing		P	11 906	103 200	827 392	6 057 632	69.49	55.10
EPCOR Merchant		P	5 715	62 896	922 830	4 065 858	161.48	57.43
TransCanada		P	3 954	25 346	287 186	1 560 672	72.63	54.97
Subtotal Purchased Imports: Alberta			23 100	201 182	2 168 949	12 363 197	93.89	56.37
British Columbia								
Aquila Networks		P	660	3 576	48 100	253 750	72.88	70.36
BC Hydro		N	- 522 763	-2 393 687	0	0	0.00	0.00
		S	39 324	609 272	0	0	0.00	0.00
Powerex Corp.		P	226 710	3 241 755	9 241 284	121 854 423	40.76	35.44
Teck Cominco		P	10 731	166 237	623 023	7 401 145	58.06	40.19

Footnotes:

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

- F - Firm Sales
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TABLE 2B Import Summary Report by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
			JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
TransAlta Ener	-	P	6 576	23 832	410 031	1 457 216	62.35	49.64
Subtotal Purchased Imports: British Columbia			244 677	3 435 400	10 322 439	130 966 534	42.19	35.98
Manitoba								
Manitoba Hydro		P	442 328	3 241 017	22 245 011	139 347 806	50.29	39.17
Subtotal Purchased Imports: Manitoba			442 328	3 241 017	22 245 011	139 347 806	50.29	39.17
New Brunswick								
NB Power		P	0	12 952	0	1 537 423	0.00	118.70
WPS Power Dev.		P	13	35	552	956	41.80	14.69
Subtotal Purchased Imports: New Brunswick			13	12 987	552	1 538 380	41.80	116.63
Ontario								
Brascan		P	54 022	359 438	3 497 306	26 471 310	64.74	73.65
Cargill Canada		P	0	281 579	0	21 678 983	0.00	66.11
Cargill Trading		P	30 727	178 552	1 215 903	7 728 199	39.57	43.28

Footnotes:

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

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TABLE 2B Import Summary Report by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
			JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Conectiv Energy	-	P	9 275	403 962	394 706	30 439 790	42.56	73.70
Constellation		P	5 283	87 724	351 398	8 560 717	66.51	89.64
Consumers Energy		P	0	83	0	12 284	0.00	148.00
Coral Energy		P	0	32 755	0	3 518 360	0.00	137.48
D&W Subway		P	187	925	0	0	0.00	0.00
Detroit Edison		P	0	117	0	69 471	0.00	593.77
Direct Commod.		P	1 444	1 715	63 176	87 475	43.75	51.01
DTE Energy Trad		P	128 218	1 534 323	4 831 015	94 905 844	37.68	63.70
Dynegy		P	0	157 307	0	14 211 605	0.00	78.36
EPCOR Merchant		P	465	2 852	34 056	434 528	73.24	134.12
Ind Ele Mark Op		N	-23 581	- 653 897	0	0	0.00	0.00
Mirant Americas		P	0	100	0	3 069	0.00	30.69
Morgan Stanley		P	620	14 128	30 129	1 748 201	48.60	120.99
OPGI/OHIM		P	125 743	614 901	5 170 570	30 543 692	41.12	49.81
		S	6 838	31 744	18 535	284 093	2.71	4.96

Footnotes:

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

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TABLE 2B Import Summary Report by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
			JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
PG&E Ener. Trad	-	P	0	45 489	0	3 628 044	0.00	82.15
Powerex Corp.		P	1 369	25 022	74 344	1 560 543	54.31	49.68
Sempra Corp		P	0	7 630	0	572 487	0.00	94.60
SPLIT ROCK		P	27 374	592 903	827 347	41 325 885	30.22	67.22
TransAlta Ener		P	1 183	24 989	82 285	1 347 064	69.56	53.91
TransCanada PM		P	0	685	0	226 818	0.00	329.16
Subtotal Purchased Imports: Ontario			385 910	4 367 179	16 572 235	289 074 368	42.94	66.64
Quebec								
Brascan		P	0	149 444	0	12 471 148	0.00	79.13
Hydro-Quebec		P	207 636	1 643 570	8 837 841	77 558 798	42.56	48.40
MEHQ		P	25 908	163 967	964 500	20 041 638	37.23	164.89
Subtotal Purchased Imports: Quebec			233 544	1 956 981	9 802 341	110 071 584	41.97	59.55
Saskatchewan								

Footnotes:

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

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TABLE 2B Import Summary Report by Destination, Authorization and Exchange Type

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Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
			JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Northpoint	-	P	46 441	431 227	1 896 414	19 858 764	40.83	39.08
Powerex Corp.		P	0	156	0	3 543	0.00	22.71
Subtotal Purchased Imports: Saskatchewan			46 441	431 383	1 896 414	19 862 307	40.83	39.08
Total Purchased Imports:			1 376 013	13 646 129	63 007 940	703 224 175	45.79	52.48

Footnotes:

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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)
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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\$) ¹		CAN\$/MW.h ²	
		JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Alaska	British Columbia	92	677	6 597	48 496	71.71	209.74
Subtotal Exports: Alaska		92	677	6 597	48 496	71.71	209.74
Arizona	British Columbia	1 314	11 551	132 445	828 955	100.80	59.23
Subtotal Exports: Arizona		1 314	11 551	132 445	828 955	100.80	59.23
California	British Columbia	59 233	182 655	4 385 798	11 691 084	74.04	50.42
Subtotal Exports: California		59 233	182 655	4 385 798	11 691 084	74.04	50.42
Colorado	British Columbia	1 354	3 394	97 495	279 618	72.01	82.39
Subtotal Exports: Colorado		1 354	3 394	97 495	279 618	72.01	82.39
Idaho	British Columbia	75	860	5 697	72 305	75.96	84.08
Subtotal Exports: Idaho		75	860	5 697	72 305	75.96	84.08
Maine	New Brunswick	257 198	1 726 374	16 430 474	112 172 905	63.88	66.07
	Nova Scotia	0	3 167	0	174 841	0.00	55.21
	Quebec	79 117	718 630	3 265 878	36 358 062	41.28	47.94
Subtotal Exports: Maine		336 315	2 448 171	19 696 351	148 705 808	58.57	61.14
Massachusetts	Quebec	0	43 940	0	4 577 824	0.00	79.25
Subtotal Exports: Massachusetts		0	43 940	0	4 577 824	0.00	79.25
Michigan	Ontario	224 930	891 771	8 967 200	48 769 201	39.87	53.04
Subtotal Exports: Michigan		224 930	891 771	8 967 200	48 769 201	39.87	53.04
Minnesota	Ontario	47 718	65 818	2 721 799	3 598 741	57.04	54.46
Subtotal Exports: Minnesota		47 718	65 818	2 721 799	3 598 741	57.04	54.46

Footnotes:

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



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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\$) ¹		CAN\$/MW.h ²	
		JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Montana	British Columbia	1 874	4 652	152 223	358 147	81.23	55.45
Subtotal Exports: Montana		1 874	4 652	152 223	358 147	81.23	55.45
ND/Minn	Manitoba	498 384	3 407 514	30 462 022	188 117 737	61.12	53.99
Subtotal Exports: ND/Minn		498 384	3 407 514	30 462 022	188 117 737	61.12	53.99
Nevada	British Columbia	74 084	112 121	6 933 322	9 599 610	93.59	85.41
Subtotal Exports: Nevada		74 084	112 121	6 933 322	9 599 610	93.59	85.41
New England	New Brunswick	49 316	49 316	3 326 838	3 326 838	67.46	67.46
	Ontario	0	10	0	77	0.00	7.68
	Quebec	6 613	60 235	463 987	4 145 517	70.16	68.82
Subtotal Exports: New England		55 929	109 561	3 790 825	7 472 432	67.78	68.20
New Mexico	British Columbia	1 051	12 820	98 188	1 126 775	93.42	77.10
Subtotal Exports: New Mexico		1 051	12 820	98 188	1 126 775	93.42	77.10
New York	New Brunswick	4 619	4 619	262 850	262 850	56.91	56.91
	Nova Scotia	59 205	59 205	3 814 141	3 814 141	64.42	64.42
	Ontario	476 343	2 025 815	22 749 919	108 212 027	47.76	50.87
	Quebec	831 969	5 649 092	73 403 978	468 666 364	88.23	77.27
Subtotal Exports: New York		1 372 136	7 738 731	100 230 889	580 955 383	73.05	70.71
North Dakota	Saskatchewan	104 030	470 281	7 864 130	29 640 836	75.59	58.27
Subtotal Exports: North Dakota		104 030	470 281	7 864 130	29 640 836	75.59	58.27
Ohio	Ontario	0	2 057	0	79 548	0.00	38.67
Subtotal Exports: Ohio		0	2 057	0	79 548	0.00	38.67

Footnotes:

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



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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\$) ¹		CAN\$/MW.h ²	
		JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Oregon	Alberta	106	1 883	4 552	89 985	42.94	47.79
	British Columbia	366 157	1 520 949	27 191 315	95 253 200	74.26	54.84
Subtotal Exports: Oregon		366 263	1 522 832	27 195 867	95 343 185	74.25	54.83
Pennsylvania	Ontario	4 603	13 679	346 747	927 427	75.33	67.80
	Saskatchewan	0	443	0	29 887	0.00	67.47
Subtotal Exports: Pennsylvania		4 603	14 122	346 747	957 315	75.33	67.79
Tennessee	Saskatchewan	0	1	0	0	0.00	0.00
Subtotal Exports: Tennessee		0	1	0	0	0.00	0.00
Utah	British Columbia	170	4 352	14 923	491 370	87.78	107.53
Subtotal Exports: Utah		170	4 352	14 923	491 370	87.78	107.53
Vermont	Quebec	160 424	1 100 898	14 966 091	108 963 186	93.29	41.77
Subtotal Exports: Vermont		160 424	1 100 898	14 966 091	108 963 186	93.29	41.77
Virginia	Manitoba	0	10	0	0	0.00	0.00
	Saskatchewan	0	6	0	0	0.00	0.00
Subtotal Exports: Virginia		0	16	0	0	0.00	0.00
Washington	Alberta	2 246	38 620	124 673	2 147 709	55.51	47.89
	British Columbia	327 389	1 866 549	17 109 966	97 039 745	52.26	43.38
Subtotal Exports: Washington		329 635	1 905 169	17 234 639	99 187 454	52.28	43.45
Wisconsin	Ontario	0	918	0	34 194	0.00	37.25
	Saskatchewan	0	2	0	203	0.00	101.71
Subtotal Exports: Wisconsin		0	920	0	34 397	0.00	37.39

Footnotes:

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



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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\$) ¹		CAN\$/MW.h ²	
		JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Wyoming	British Columbia	2 044	21 057	196 826	2 049 835	96.29	84.11
Subtotal Exports: Wyoming		2 044	21 057	196 826	2 049 835	96.29	84.11
Total Exports		3 641 658	20 075 940	245 500 074	1 342 949 241	67.41	58.58

Footnotes:

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



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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\$) ¹		CAN\$/MW.h ²	
		JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
Illinois	Ontario	0	157 857	0	14 238 398	0.00	78.30
Subtotal Imports: Illinois		0	157 857	0	14 238 398	0.00	78.30
Iowa	Ontario	0	1 319	0	40 700	0.00	30.86
Subtotal Imports: Iowa		0	1 319	0	40 700	0.00	30.86
Maine	New Brunswick	13	12 987	552	1 538 380	41.80	116.63
	Quebec	25 908	163 967	964 500	20 041 638	37.23	164.89
Subtotal Imports: Maine		25 921	176 954	965 052	21 580 017	37.23	162.75
Massachusetts	Ontario	0	2 537	0	410 165	0.00	161.67
	Quebec	0	40 800	0	4 077 796	0.00	99.95
Subtotal Imports: Massachusetts		0	43 337	0	4 487 961	0.00	103.56
Michigan	Ontario	270 139	2 744 416	10 624 213	167 652 905	39.33	60.82
Subtotal Imports: Michigan		270 139	2 744 416	10 624 213	167 652 905	39.33	60.82
Minnesota	Alberta	1 525	6 835	131 540	472 947	86.26	69.19
	Ontario	51 788	756 774	1 831 785	47 367 216	35.37	63.22
Subtotal Imports: Minnesota		53 313	763 609	1 963 325	47 840 163	36.83	63.25
Missouri	Ontario	0	208	0	10 166	0.00	48.88
Subtotal Imports: Missouri		0	208	0	10 166	0.00	48.88
Montana	Alberta	269	636	16 505	40 370	61.36	63.47
Subtotal Imports: Montana		269	636	16 505	40 370	61.36	63.47
ND/Minn	Manitoba	442 328	3 241 017	22 245 011	139 347 806	50.29	39.17
Subtotal Imports: ND/Minn		442 328	3 241 017	22 245 011	139 347 806	50.29	39.17

Footnotes:

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



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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\$) ¹		CAN\$/MW.h ²	
		JUL03	JAN03 - JUL03	JUL03	JAN03 - JUL03	JUL03	L12M
New York	Ontario	62 614	629 094	4 041 893	54 206 046	64.55	90.09
	Quebec	207 636	1 752 214	8 837 841	85 952 150	42.56	49.79
Subtotal Imports: New York		270 250	2 381 308	12 879 734	140 158 196	47.66	61.29
North Dakota	Saskatchewan	46 441	431 227	1 896 414	19 858 764	40.83	39.08
Subtotal Imports: North Dakota		46 441	431 227	1 896 414	19 858 764	40.83	39.08
Ohio	Ontario	0	12 629	0	804 029	0.00	63.67
Subtotal Imports: Ohio		0	12 629	0	804 029	0.00	63.67
Oregon	Alberta	420	5 570	31 948	347 894	76.07	54.19
	British Columbia	0	15	0	2 000	0.00	133.33
Subtotal Imports: Oregon		420	5 585	31 948	349 894	76.07	54.31
Pennsylvania	Ontario	1 369	62 345	74 344	4 344 742	54.31	60.64
Subtotal Imports: Pennsylvania		1 369	62 345	74 344	4 344 742	54.31	60.64
Washington	Alberta	20 886	188 141	1 988 956	11 501 986	95.23	56.12
	British Columbia	244 677	3 435 385	10 322 439	130 964 534	42.19	35.98
	Saskatchewan	0	156	0	3 543	0.00	22.71
Subtotal Imports: Washington		265 563	3 623 682	12 311 394	142 470 063	46.36	37.18
Total Imports		1 376 013	13 646 129	63 007 940	703 224 175	45.79	52.48

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



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TABLE 4 Source of Production Report ¹ Canadian Exports

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Fuel Type	JUL03		
	Energy (MW.h)	Revenue (CAN\$) ²	CAN\$/MW.h ²
Canadian Coal	8 634	559 603	64.82
Canadian Oil	182	12 094	66.60
Hydraulic	2 346 441	163 311 049	69.60
Imported Coal	39 040	2 502 476	64.10
Imported Oil	125 810	8 279 759	65.81
Natural Gas	61 212	3 557 057	58.11
Nuclear	58	3 746	64.85
Other	674 503	30 840 953	45.72
Total	3 255 880	209 066 737	64.21

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 ¹ by Exporter

Exporter	Fuel Type	Authorization	JUL03		
			Energy (MW.h)	Revenue (CAN\$) ²	CAN\$/MW.h ²
BC Hydro	Hydraulic	Permit 105	1	83	103.75
		Permit 192	35 545	0	0.00
		Treaty 0	11 801	0	0.00
		Subtotal	47 347	83	0.00
	Subtotal		47 347	83	0.00
Brascan	Hydraulic	Permit 112	362 677	19 916 606	54.92
		Subtotal	362 677	19 916 606	54.92
		Subtotal	362 677	19 916 606	54.92
Cargill Trading	Other	Permit 204	16 748	764 440	45.64
		Subtotal	16 748	764 440	45.64
		Subtotal	16 748	764 440	45.64
Conectiv Energy	Other	Permit 212	105 231	4 180 932	39.73
		Subtotal	105 231	4 180 932	39.73
		Subtotal	105 231	4 180 932	39.73
Coral Energy	Other	Permit 174	22 832	1 087 719	47.64
		Subtotal	22 832	1 087 719	47.64
		Subtotal	22 832	1 087 719	47.64
DTE Energy Trad	Other	Permit 206	85 963	3 130 239	36.41
		Subtotal	85 963	3 130 239	36.41
		Subtotal	85 963	3 130 239	36.41

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.



TABLE 5 Source of Production Report ¹ by Exporter

Exporter	Fuel Type	Authorization	JUL03		
			Energy (MW.h)	Revenue (CAN\$) ²	CAN\$/MW.h ²
Enmax Marketing	Canadian Coal	Permit 169	225	12 748	56.66
		Subtotal	225	12 748	56.66
		Subtotal	225	12 748	56.66
Hydro-Quebec	Hydraulic	Licence 180	87 688	3 255 059	37.12
		Licence 181	15 406	571 885	37.12
		Licence 182	13 302	493 782	37.12
		Licence 183	23 703	879 877	37.12
		Licence 184	15 483	574 743	37.12
		Permit 64	807 143	68 177 913	84.47
		Subtotal	962 725	73 953 259	76.82
		Subtotal	962 725	73 953 259	76.82
Manitoba Hydro	Hydraulic	Licence 170	108 230	7 076 935	65.39
		Permit 33	47 874	2 088 545	43.63
		Permit 34	37 843	1 650 930	43.63
		Permit 35	37 265	2 244 016	60.22
		Permit 45	65 159	4 779 691	73.35
		Permit 46	2 290	250 787	109.51
		Permit 68	12 015	438 952	36.53
		Permit 144	13 573	921 704	67.91
		Permit 155	16 141	1 033 041	64.00
		Permit 207	27 161	1 980 974	72.93
		Subtotal	367 551	22 465 575	61.12

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.



TABLE 5 Source of Production Report ¹ by Exporter

Exporter	Fuel Type	Authorization	JUL03			
			Energy (MW.h)	Revenue (CAN\$) ²	CAN\$/MW.h ²	
Manitoba Hydro	Imported Coal	Licence 170	3 935	257 319	65.39	
		Permit 33	1 741	75 940	43.62	
		Permit 34	1 376	60 028	43.63	
		Permit 35	1 355	81 593	60.22	
		Permit 45	2 369	173 790	73.36	
		Permit 46	83	9 119	109.86	
		Permit 68	437	15 960	36.52	
		Permit 144	494	33 513	67.84	
		Permit 155	587	37 562	63.99	
		Permit 207	988	72 029	72.90	
		Subtotal	13 365	816 853	61.12	
		Other	Licence 170	34 476	2 254 309	65.39
			Permit 33	15 250	665 292	43.63
			Permit 34	12 054	525 893	43.63
			Permit 35	11 870	714 816	60.22
			Permit 45	20 756	1 522 538	73.35
			Permit 46	730	79 887	109.43
			Permit 68	3 827	139 825	36.54
			Permit 144	4 324	293 603	67.90
			Permit 155	5 142	329 068	64.00
	Permit 207		8 652	631 026	72.93	
	Subtotal	117 081	7 156 256	61.12		
	Subtotal		497 997	30 438 684	61.12	

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.



TABLE 5 Source of Production Report ¹ by Exporter

Exporter	Fuel Type	Authorization	JUL03		
			Energy (MW.h)	Revenue (CAN\$) ²	CAN\$/MW.h ²
NB Power	Canadian Coal	Permit 90	264	18 961	71.83
		Permit 91	1 729	112 974	65.34
		Permit 148	6 416	414 919	64.67
		Subtotal	8 409	546 854	65.04
	Canadian Oil	Permit 47	182	12 094	66.60
		Subtotal	182	12 094	66.60
	Imported Coal	Permit 47	2 144	142 783	66.60
		Permit 90	1 816	130 440	71.83
		Permit 91	12 004	784 312	65.34
		Permit 148	9 712	628 089	64.67
		Subtotal	25 675	1 685 624	65.65
	Imported Oil	Permit 47	4 108	273 612	66.60
		Permit 90	13 485	968 658	71.83
		Permit 91	58 154	3 799 709	65.34
		Permit 148	50 063	3 237 779	64.67
		Subtotal	125 810	8 279 759	65.81
	Natural Gas	Permit 47	147	9 785	66.60
		Permit 90	672	48 292	71.83
		Permit 91	619	40 433	65.34
		Permit 148	59 774	3 458 548	57.86
Subtotal		61 212	3 557 057	58.11	

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.



TABLE 5 Source of Production Report ¹ by Exporter

Exporter	Fuel Type	Authorization	JUL03		
			Energy (MW.h)	Revenue (CAN\$) ²	CAN\$/MW.h ²
NB Power	Nuclear	Permit 47	1	72	66.60
		Permit 90	0	7	71.80
		Permit 91	11	744	65.34
		Permit 148	45	2 923	64.67
		Subtotal	58	3 746	64.85
	Other	Permit 47	369	24 602	66.60
		Permit 90	3 518	252 724	71.83
		Permit 91	60	3 940	65.34
		Subtotal	3 948	281 266	71.24
		Subtotal		225 294	14 366 400
Powerex Corp.	Hydraulic	Permit 118	515 261	41 750 868	81.03
		Subtotal	515 261	41 750 868	81.03
	Other	Permit 116	4 768	356 788	74.83
		Permit 118	228 079	9 315 629	40.84
		Subtotal	232 847	9 672 417	41.54
Subtotal		748 108	51 423 285	68.74	
SPLIT ROCK	Other	Permit 221	89 853	4 567 683	50.84
		Subtotal	89 853	4 567 683	50.84
	Subtotal		89 853	4 567 683	50.84
Teck Cominco	Hydraulic	Permit 132	90 880	5 224 659	57.49
		Subtotal	90 880	5 224 659	57.49
	Subtotal		90 880	5 224 659	57.49

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.

Total All Exporters

3 255 880

209 066 737

64.21