



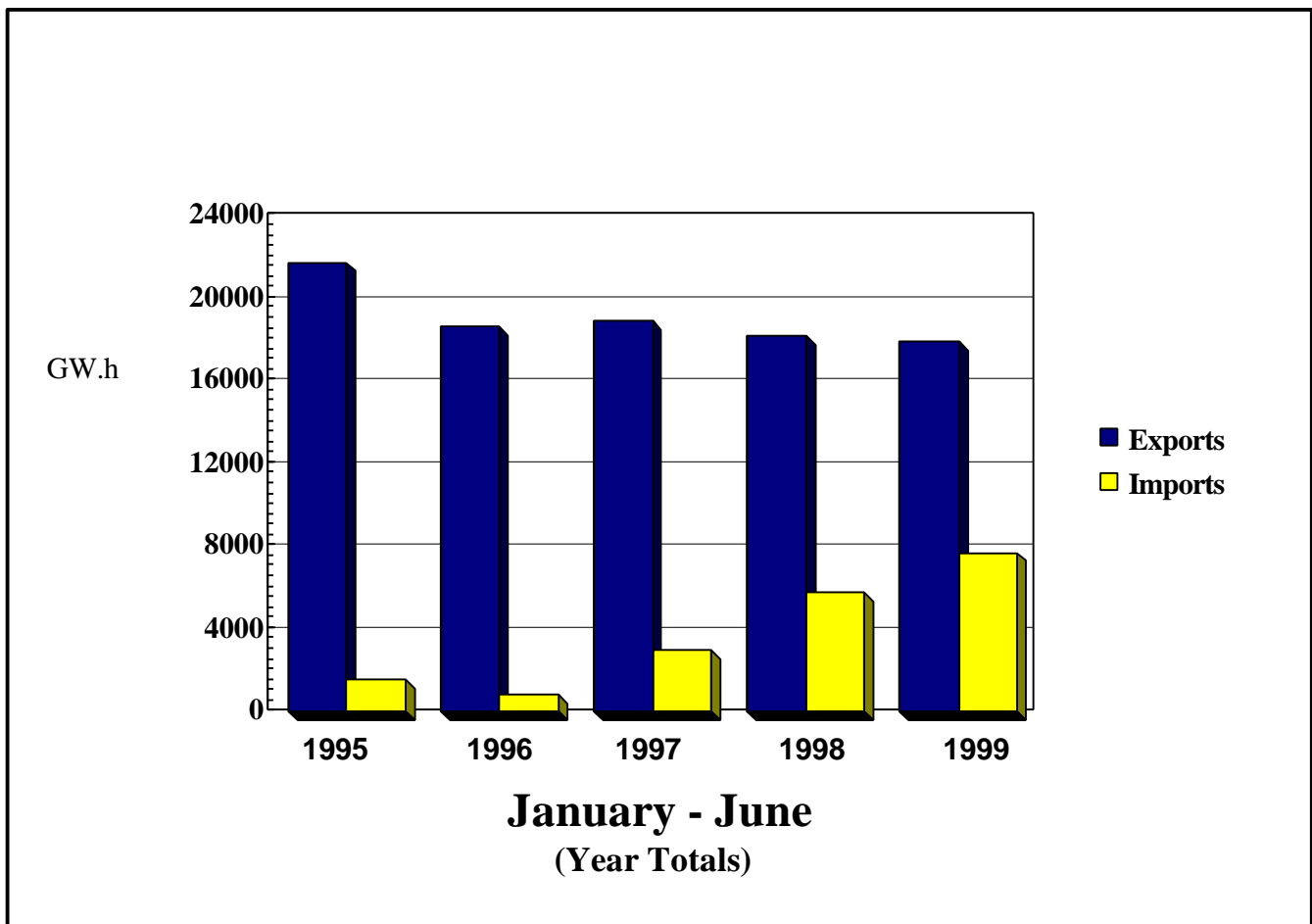
Electricity Exports and Imports

Monthly Statistics for:

June 1999

Exports: 3558 GW.h

Imports: 927 GW.h





National Energy Board
Office national de l'énergie

TABLE 1

Exports and Imports of Electricity

Summary: Canada

JUNE 1999

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Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
	JUN99	JAN99 - JAN99	JUN99	JAN99 - JAN99	JUN99	L12M
Exports of Electric Energy						
Firm	1 928 957	1 372 630	84 555 880	61 509 017	31.62	31.44
Interruptible	1 629 459	798 015	82 449 927	30 381 975	49.25	35.34
Non-Revenue/Inadvertant	208 072	-24 536	0	0	0.00	0.00
Service	24 965	16 338	0	10 845	0.00	0.04
Total Exports	3 791 453	2 162 446	167 005 807	91 901 837	37.25	32.51
Total Sales - Firm and Interruptible	3 558 416	2 170 645	167 005 807	91 890 992	39.69	33.14
Imports of Electric Energy						
Non-Revenue/Inadvertant	148 245	-77 593	0	0	0.00	0.00
Purchase	927 218	1 417 049	28 016 639	43 442 641	28.63	27.58
Service	11 870	210 979	3 544	5 272	0.30	0.16
Total Imports	1 087 333	1 550 435	28 020 183	43 447 913	24.42	22.72
Excess of Exports Over Imports	2 704 120	612 012	138 985 624	48 453 924		
Number of Export Licences:	0					
Number of Export Permits/Orders:	0					
	0					

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:
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Research Officer,
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National Energy Board
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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	
			JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
Alberta								
TransAlta Ener.	Permit 74	F	0	8 032	0	281 795	0.00	32.86
Subtotal Firm and Interruptible Exports: Alberta			0	8 032	0	281 795	0.00	32.86
British Columbia								
BC Hydro	Permit 105	F	119	555	1 820	37 810	15.29	68.12
	Treaty	N	22 119	145 116	0	0	0.00	0.00
Cominco	Permit 57	I	0	16 950	0	538 967	0.00	41.70
	Permit 131	I	0	10 850	0	414 427	0.00	38.20
	Permit 132	F	0	1 200	0	26 929	0.00	22.44
Powerex	Permit 92	F	0	290 201	0	0	0.00	0.00
	Permit 95	F	4 680	21 240	151 192	642 800	32.31	34.81
	Permit 118	I	536 882	3 062 568	25 085 497	120 620 170	46.72	39.39
	Permit 119	F	20 816	115 769	421 014	2 630 677	20.23	24.80
West Kootenay	Permit 13	F	22	22	1 489	1 489	66.94	67.45
	Permit 66	I	27	1 742	835	38 665	30.93	22.20
Subtotal Firm and Interruptible Exports: British Columbia			562 546	3 521 097	25 661 847	124 951 933	45.62	31.72

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\$) ¹		CAN\$/MW.h ²	
			JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
Manitoba								
Manitoba Hydro	Licence 170	F	276 924	1 673 251	14 491 869	95 277 973	21.17	24.65
	Permit 33	F	28 225	28 225	572 520	572 520	20.28	21.04
	Permit 34	F	20 500	27 124	455 959	603 790	22.24	22.24
	Permit 35	F	16 800	29 200	429 553	747 681	25.57	26.46
	Permit 45	F	150 572	355 292	9 464 488	15 203 393	40.87	30.04
	Permit 46	I	181 450	1 445 274	6 725 903	48 260 973	36.20	30.38
		N	-2 683	- 839 696	0	0	0.00	0.00
	Permit 52	F	5 660	12 155	324 442	670 557	24.55	25.82
	Permit 61	F	364	2 624	17 294	117 428	47.51	45.82
	Permit 68	F	8 683	71 663	486 706	3 593 718	23.84	25.45
Subtotal Firm and Interruptible Exports: Manitoba			689 178	3 644 808	32 968 735	165 048 033	29.61	27.61
New Brunswick								
Fraser Inc.	Permit 102	F	28 350	154 785	1 762 318	10 607 688	62.16	67.54
Maine & NB	Licence 177	F	0	62 807	0	1 540 065	0.00	17.36
NB Power	Permit 15	N	1 120	2 020	0	0	0.00	0.00
	Permit 16	I	14 024	86 150	770 426	4 899 192	54.94	56.46
		N	12 478	-16 158	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\$) ¹		CAN\$/MW.h ²	
			JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
NB Power	Permit 17	S	8 173	26 320	0	0	0.00	0.00
	Permit 18	I	1 892	6 679	97 688	342 650	51.63	50.60
		N	-15	- 119	0	0	0.00	0.00
	Permit 28	F	3	26	363	2 681	126.86	109.94
	Permit 47	F	6 649	41 570	519 692	3 242 989	52.90	52.53
	Permit 91	I	387 364	1 949 406	16 912 581	77 792 145	43.19	39.28
Subtotal Firm and Interruptible Exports: New Brunswick			438 282	2 301 423	20 063 068	98 427 410	44.98	41.69
Ontario								
Cdn. Niagara	Permit 84	F	28 846	181 520	1 158 931	5 928 343	40.18	31.90
D&W Subway	Permit 26	F	779	948	0	0	0.00	0.00
Ind Elc Mark Op	Permit 22	N	181 546	353 324	0	0	0.00	0.00
Ont Power Gen	Permit 24	F	12	32	24	24	2.00	0.76
Ont. Hydro/OHIM	Permit 21	I	0	258 316	0	9 842 397	0.00	19.94
		S	0	11 112	0	11 572	0.00	0.07
Ontario Hydro	Permit 22	N	0	354 584	0	0	0.00	0.00
	Permit 24	F	0	64	0	127	0.00	2.00
OPGI/OHIM	Permit 21	I	115 837	895 211	14 049 367	41 934 929	105.23	43.48

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\$) ¹		CAN\$/MW.h ²	
			JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
OPGI/OHIM	Permit 21	S	1 942	3 162	0	882	0.00	0.28
Subtotal Firm and Interruptible Exports: Ontario			145 474	1 336 090	15 208 323	57 705 820	91.76	28.27
Quebec								
Hydro-Quebec	Licence 176	F	618 209	2 279 920	19 989 721	74 537 848	32.33	34.12
	Licence 180	F	81 749	512 374	8 494 168	52 655 910	37.73	38.95
	Licence 181	F	16 884	140 230	1 502 266	12 898 329	37.73	37.38
	Licence 182	F	13 828	79 722	1 300 444	7 808 063	37.73	38.98
	Licence 183	F	19 973	139 574	2 203 705	14 199 524	37.73	38.95
	Licence 184	F	12 335	72 245	1 242 256	7 510 671	37.73	38.93
	Permit 64	I	391 983	993 635	18 807 631	38 880 359	47.98	40.10
	Permit 65	F	558 289	2 761 733	19 164 355	95 584 851	31.27	34.65
Subtotal Firm and Interruptible Exports: Quebec			1 713 250	6 979 433	72 704 546	304 075 555	36.02	35.57
Saskatchewan								
Powerex	Permit 116	I	0	2 196	0	86 794	0.00	39.68
Sask. Power	Licence 118	S	14 850	26 950	0	0	0.00	0.00
	Licence 119	I	0	23 200	0	734 878	0.00	34.87
		N	-6 493	-48 603	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\$) ¹		CAN\$/MW.h ²	
			JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
Sask. Power	Permit 89	F	9 686	38 127	399 288	1 522 481	41.22	39.65
Subtotal Firm and Interruptible Exports: Saskatchewan			9 686	63 523	399 288	2 344 153	41.22	38.09
Total Firm and Interruptible Exports:			3 558 416	17 854 407	167 005 807	752 834 701	39.69	33.18

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\$) ¹		CAN\$/MW.h ²	
			JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
Alberta								
TransAlta	-	P	214	1 407	8 916	58 990	41.69	41.27
TransAlta Ener.		P	36 672	100 295	1 057 410	2 889 548	28.83	31.67
TransCanada		P	14 383	68 427	342 968	1 837 440	23.85	26.85
Subtotal Purchased Imports: Alberta			51 269	170 129	1 409 294	4 785 977	27.49	30.25
British Columbia								
BC Hydro		P	39	84	2 394	5 593	61.38	69.12
Cominco		P	0	10 535	0	0	0.00	0.00
Powerex		P	606 216	3 988 423	10 631 193	87 541 753	17.54	23.44
West Kootenay		P	717	68 812	18 823	1 908 882	26.25	21.40
Subtotal Purchased Imports: British Columbia			606 972	4 067 854	10 652 410	89 456 228	17.55	23.36
Manitoba								
Manitoba Hydro		N	-16 396	- 875 693	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 2B Import Summary Report by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$) ¹		CAN\$/MW.h ²	
			JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
Manitoba Hydro	-	P	23 261	1 168 769	591 361	23 950 425	25.42	21.99
Subtotal Purchased Imports: Manitoba			23 261	1 168 769	591 361	23 950 425	25.42	21.99
New Brunswick								
Maine & NB		P	0	3 499	0	149 370	0.00	42.22
NB Power		N	-11 977	17 355	0	0	0.00	0.00
		P	15 551	15 925	0	3 945	0.00	0.65
		S	8 173	27 687	0	0	0.00	0.00
Subtotal Purchased Imports: New Brunswick			15 551	19 424	0	153 315	0.00	11.87
Ontario								
Cdn. Niagara		N	0	3 727	0	0	0.00	0.00
D&W Subway		P	706	851	0	0	0.00	0.00
Ind Elc Mark Op		N	182 986	353 766	0	0	0.00	0.00
Ontario Hydro		N	0	356 413	0	0	0.00	0.00
		P	0	200 504	0	8 981 354	0.00	34.59
		S	0	163 450	0	47 844	0.00	0.76

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\$) ¹		CAN\$/MW.h ²	
			JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
OPGI/OHIM	-	P	132 377	205 306	10 849 615	14 197 736	81.96	69.15
		S	3 697	9 388	3 544	9 392	0.96	1.00
Subtotal Purchased Imports: Ontario			133 083	406 661	10 849 615	23 179 089	81.53	37.50
Quebec								
Hydro-Quebec		P	43 182	1 564 588	3 125 415	61 121 969	38.41	32.46
		S	0	862 616	0	0	0.00	0.00
Subtotal Purchased Imports: Quebec			43 182	1 564 588	3 125 415	61 121 969	38.41	32.46
Saskatchewan								
Sask. Power		N	-6 368	-52 691	0	0	0.00	0.00
		P	53 900	280 741	1 388 544	8 561 783	25.76	28.90
		S	0	58 400	0	0	0.00	0.00
Subtotal Purchased Imports: Saskatchewan			53 900	280 741	1 388 544	8 561 783	25.76	28.90
Total Purchased Imports:			927 218	7 678 165	28 016 639	211 208 786	28.63	27.74

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\$) ¹		CAN\$/MW.h ²	
		JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
Alaska	British Columbia	119	955	1 820	50 808	15.29	58.38
Subtotal Exports: Alaska		119	955	1 820	50 808	15.29	58.38
California	Alberta	0	25	0	946	0.00	37.86
	British Columbia	79 780	254 121	4 028 852	9 616 560	50.50	37.84
Subtotal Exports: California		79 780	254 146	4 028 852	9 617 506	50.50	37.84
Colorado	British Columbia	816	816	34 798	34 798	42.64	42.64
Subtotal Exports: Colorado		816	816	34 798	34 798	42.64	42.64
Idaho	Alberta	0	125	0	3 839	0.00	30.71
	British Columbia	3 315	16 004	164 785	703 708	49.71	43.97
Subtotal Exports: Idaho		3 315	16 129	164 785	707 547	49.71	43.87
Iowa	Manitoba	642	30 963	17 035	1 110 476	26.53	26.92
Subtotal Exports: Iowa		642	30 963	17 035	1 110 476	26.53	26.92
Kansas	Manitoba	100	775	4 416	27 135	44.16	35.42
Subtotal Exports: Kansas		100	775	4 416	27 135	44.16	35.42
Maine	New Brunswick	438 282	2 301 423	20 063 068	98 427 410	44.98	41.69
Subtotal Exports: Maine		438 282	2 301 423	20 063 068	98 427 410	44.98	41.69
Michigan	Ontario	16 647	652 135	4 539 347	25 813 475	181.25	21.93
Subtotal Exports: Michigan		16 647	652 135	4 539 347	25 813 475	181.25	21.93
Minnesota	Manitoba	646 460	3 256 622	30 881 238	151 347 151	28.88	27.30
	Ontario	20 253	91 108	1 330 258	4 267 462	49.41	44.12

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\$) ¹		CAN\$/MW.h ²	
		JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
Minnesota	Saskatchewan	5 005	13 563	228 885	593 595	45.73	42.30
Subtotal Exports: Minnesota		671 718	3 361 293	32 440 381	156 208 208	29.63	27.60
Missouri	Manitoba	11	163	486	5 723	44.16	44.88
Subtotal Exports: Missouri		11	163	486	5 723	44.16	44.88
Montana	British Columbia	232	1 154	5 574	44 333	24.03	38.42
	Manitoba	2 719	5 000	67 070	149 313	24.67	30.79
	Saskatchewan	0	2 196	0	86 794	0.00	39.68
Subtotal Exports: Montana		2 951	8 350	72 645	280 439	24.62	34.56
Nebraska	Manitoba	90	23 393	3 974	864 791	44.16	38.12
Subtotal Exports: Nebraska		90	23 393	3 974	864 791	44.16	38.12
New England	Ontario	3 445	30 263	4 193 433	5 063 762	1217.25	114.29
	Quebec	701 372	3 392 977	23 057 324	115 630 198	32.87	35.17
Subtotal Exports: New England		704 817	3 423 240	27 250 758	120 693 960	38.66	35.69
New York	Ontario	105 129	550 035	5 145 284	22 122 955	48.86	35.90
	Quebec	438 973	1 582 828	15 142 140	50 651 767	34.49	32.64
Subtotal Exports: New York		544 102	2 132 863	20 287 424	72 774 722	37.27	33.72
North Dakota	British Columbia	180	243	8 950	11 429	49.72	47.03
	Manitoba	17 640	36 225	752 796	1 552 210	29.53	31.10
	Saskatchewan	3 183	34 937	95 072	1 147 475	29.87	42.07
Subtotal Exports: North Dakota		21 003	71 405	856 817	2 711 114	29.76	35.83
Oregon	Alberta	0	650	0	21 156	0.00	28.06

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\$) ¹		CAN\$/MW.h ²	
		JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
Oregon	British Columbia	15 351	127 808	580 372	4 397 608	37.81	34.41
	Manitoba	0	250	0	10 932	0.00	43.73
Subtotal Exports: Oregon		15 351	128 708	580 372	4 429 696	37.81	34.35
Pennsylvania	Ontario	0	12 550	0	438 166	0.00	48.26
Subtotal Exports: Pennsylvania		0	12 550	0	438 166	0.00	48.26
South Dakota	Manitoba	300	388	7 066	10 144	23.55	15.80
Subtotal Exports: South Dakota		300	388	7 066	10 144	23.55	15.80
Texas	Manitoba	10 985	80 732	927 646	3 519 685	73.28	38.58
Subtotal Exports: Texas		10 985	80 732	927 646	3 519 685	73.28	38.58
Vermont	Quebec	572 905	2 003 628	34 505 082	137 793 590	41.05	38.00
Subtotal Exports: Vermont		572 905	2 003 628	34 505 082	137 793 590	41.05	38.00
Washington	Alberta	0	7 232	0	255 855	0.00	33.25
	British Columbia	462 753	3 119 996	20 836 696	110 092 689	45.03	31.16
	Saskatchewan	1 498	12 827	75 331	516 289	50.29	33.29
Subtotal Exports: Washington		464 251	3 140 055	20 912 028	110 864 833	45.04	31.23
Wisconsin	Manitoba	10 231	210 297	307 009	6 450 474	30.01	28.09
Subtotal Exports: Wisconsin		10 231	210 297	307 009	6 450 474	30.01	28.09
Total Exports		3 558 416	17 854 407	167 005 807	752 834 701	39.69	33.18

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\$) ¹		CAN\$/MW.h ²	
		JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
California	Alberta	0	696	0	21 084	0.00	30.29
Subtotal Imports: California		0	696	0	21 084	0.00	30.29
Idaho	Alberta	2 858	18 734	90 131	528 028	31.54	28.37
Subtotal Imports: Idaho		2 858	18 734	90 131	528 028	31.54	28.37
Iowa	Manitoba	356	34 267	21 879	753 885	61.46	26.23
Subtotal Imports: Iowa		356	34 267	21 879	753 885	61.46	26.23
Kansas	Manitoba	0	7 750	0	179 117	0.00	23.11
Subtotal Imports: Kansas		0	7 750	0	179 117	0.00	23.11
Maine	New Brunswick	15 551	19 424	0	153 315	0.00	11.87
	Quebec	0	188 334	0	5 693 174	0.00	30.23
Subtotal Imports: Maine		15 551	207 758	0	5 846 489	0.00	28.28
Michigan	Ontario	28 869	81 564	1 597 852	4 564 445	55.35	32.91
Subtotal Imports: Michigan		28 869	81 564	1 597 852	4 564 445	55.35	32.91
Minnesota	Manitoba	19 586	917 428	373 830	18 667 084	19.09	21.83
	Ontario	1 847	10 118	72 379	318 226	39.19	24.10
	Saskatchewan	3 272	4 964	114 252	177 211	34.92	34.75
Subtotal Imports: Minnesota		24 705	932 510	560 460	19 162 521	22.69	21.93
Missouri	Manitoba	16	36	916	1 829	57.27	27.66
Subtotal Imports: Missouri		16	36	916	1 829	57.27	27.66
Montana	Alberta	609	2 237	25 485	101 861	41.86	43.75

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\$) ¹		CAN\$/MW.h ²	
		JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
Montana	British Columbia	39	84	2 394	5 593	61.38	69.12
	Manitoba	0	25 090	0	444 787	0.00	17.76
Subtotal Imports: Montana		648	27 411	27 879	552 241	43.03	21.27
Nebraska	Manitoba	166	63 799	10 146	1 224 618	61.12	20.15
Subtotal Imports: Nebraska		166	63 799	10 146	1 224 618	61.12	20.15
New England	Quebec	0	200 258	0	6 251 007	0.00	30.99
Subtotal Imports: New England		0	200 258	0	6 251 007	0.00	30.99
New York	Ontario	102 367	285 219	9 179 385	16 727 804	89.67	49.02
	Quebec	24 101	1 067 682	723 489	33 864 863	30.02	32.40
Subtotal Imports: New York		126 468	1 352 901	9 902 873	50 592 666	78.30	37.77
North Dakota	Manitoba	1 117	40 992	16 144	799 229	14.45	19.71
	Saskatchewan	40 515	234 342	834 389	7 098 994	20.59	28.63
Subtotal Imports: North Dakota		41 632	275 334	850 533	7 898 223	20.43	27.80
Oregon	Alberta	22 447	68 608	643 748	1 941 282	28.68	31.64
Subtotal Imports: Oregon		22 447	68 608	643 748	1 941 282	28.68	31.64
Pennsylvania	Ontario	0	29 760	0	1 568 615	0.00	52.71
Subtotal Imports: Pennsylvania		0	29 760	0	1 568 615	0.00	52.71
South Dakota	Manitoba	776	23 416	17 267	517 878	22.25	26.07
Subtotal Imports: South Dakota		776	23 416	17 267	517 878	22.25	26.07
Texas	Manitoba	0	10 095	96 401	323 336	0.00	32.03
Subtotal Imports: Texas		0	10 095	96 401	323 336	0.00	32.03

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\$) ¹		CAN\$/MW.h ²	
		JUN99	JAN99 - JUN99	JUN99	JAN99 - JUN99	JUN99	L12M
Vermont	Quebec	19 081	108 314	2 401 927	15 312 925	49.01	37.45
Subtotal Imports: Vermont		19 081	108 314	2 401 927	15 312 925	49.01	37.45
Washington	Alberta	25 355	79 854	649 931	2 193 722	25.63	28.80
	British Columbia	606 933	4 067 770	10 650 016	89 450 635	17.55	23.35
	Saskatchewan	10 113	41 435	439 904	1 285 578	43.50	31.34
Subtotal Imports: Washington		642 401	4 189 059	11 739 851	92 929 934	18.27	23.53
Wisconsin	Manitoba	1 244	45 896	54 776	1 038 662	44.03	23.83
Subtotal Imports: Wisconsin		1 244	45 896	54 776	1 038 662	44.03	23.83
Total Imports		927 218	7 678 165	28 016 639	211 208 786	28.63	27.74

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 ¹
Canadian Exports

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Fuel Type	JUN99		
	Energy (MW.h)	Revenue (CAN\$) ²	CAN\$/MW.h ²
Hydraulic	2 336 805	79 766 774	34.13
Imported Coal	44 572	2 129 257	47.77
Imported Oil	124 734	7 702 217	61.75
Natural Gas	8 793	538 107	61.20
Other	975 304	47 765 636	48.98
Total	3 490 208	137 901 991	39.51

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.



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TABLE 5 Source of Production Report ¹ by Exporter

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Exporter	Fuel Type	Authorization	JUN99		
			Energy (MW.h)	Revenue (CAN\$) ²	CAN\$/MW.h ²
Hydro-Quebec	Hydraulic	Licence 176	618 209	19 989 721	32.34
		Licence 180	81 749	3 084 103	37.73
		Licence 181	16 884	636 974	37.73
		Licence 182	13 828	521 682	37.73
		Licence 183	19 973	753 511	37.73
		Licence 184	12 335	465 356	37.73
		Permit 64	391 983	18 807 631	47.98
		Permit 65	558 289	17 457 919	31.27
		Subtotal	1 713 250	61 716 896	36.02
	Subtotal		1 713 250	61 716 896	36.02
Manitoba Hydro	Hydraulic	Licence 170	276 924	5 861 750	21.17
		Permit 33	28 225	572 520	20.28
		Permit 34	20 500	455 959	22.24
		Permit 35	16 800	429 553	25.57
		Permit 45	126 331	5 163 233	40.87
		Permit 46	181 450	6 568 362	36.20
		Permit 52	5 660	138 970	24.55
		Permit 68	8 683	207 026	23.84
		Subtotal	664 573	19 397 373	29.19

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	JUN99		
			Energy (MW.h)	Revenue (CAN\$) ²	CAN\$/MW.h ²
Manitoba Hydro	Other	Permit 45	24 241	990 746	40.87
		Subtotal	24 241	990 746	40.87
	Subtotal		688 814	20 388 119	29.60
NB Power	Imported Coal	Permit 47	94	4 967	52.90
		Subtotal	94	4 967	52.90
	Imported Oil	Permit 16	1 520	83 858	55.18
		Permit 18	50	2 563	51.05
		Permit 47	5 740	303 667	52.90
		Permit 91	89 052	3 821 304	42.91
		Subtotal	96 362	4 211 392	43.70
	Other	Permit 16	12 504	686 568	54.91
		Permit 18	1 842	95 125	51.65
		Permit 47	815	43 098	52.90
		Permit 91	298 312	12 908 749	43.27
		Subtotal	313 473	13 733 540	43.81
	Subtotal		409 929	17 949 899	43.79
OPGI/OHIM	Hydraulic	Permit 21	12 460	1 770 312	142.08
		Subtotal	12 460	1 770 312	142.08

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.



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TABLE 5 Source of Production Report ¹ by Exporter

Page 3
99/08/05

Exporter	Fuel Type	Authorization	JUN99		
			Energy (MW.h)	Revenue (CAN\$) ²	CAN\$/MW.h ²
OPGI/OHIM	Imported Coal	Permit 21	44 478	2 124 290	47.76
		Subtotal	44 478	2 124 290	47.76
	Imported Oil	Permit 21	28 372	3 490 825	123.04
		Subtotal	28 372	3 490 825	123.04
	Natural Gas	Permit 21	8 793	538 107	61.20
		Subtotal	8 793	538 107	61.20
	Other	Permit 21	21 734	4 265 839	196.28
		Subtotal	21 734	4 265 839	196.27
	Subtotal		115 837	12 189 373	105.23
	Powerex	Hydraulic	Permit 95	4 680	151 192
Permit 118			-78 974	-3 690 014	46.72
Permit 119			20 816	421 014	20.23
Subtotal			-53 478	-3 117 808	58.30
Other		Permit 118	615 856	28 775 511	46.72
		Subtotal	615 856	28 775 511	46.72
Subtotal			562 378	25 657 703	45.62
Total All Exporters			3 490 208	137 901 991	39.51

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.