

Catalogue No. 57-002  
Vol. 4, No. 80

January 7, 1970

FOR REVIEW

Electric Power Statistics 1968

Inventory of Prime Mover and Electric Generating Equipment 1968 Additions, Deletions and Changes.

Introduction

The report "Electric Power Statistics, Volume III" is an occasional publication which lists certain design details of electric generating equipment and the associated prime movers. The latest publication (Catalogue No. 57-503) listed these details for equipment as at December 31, 1966. The Catalogue No. 57-002 (Vol. 3, No. 48) provided updating material to Dec. 31/67. The accompanying tables are intended for use in up-dating this publication by showing additions, deletions and changes which were made during the calendar year 1968. It is planned to continue publication at five year intervals and to provide these updating information sheets annually.

A separate table is provided for each type of generating equipment, i.e., hydro, steam, internal combustion and gas turbine. Details for the complete plant are printed where changes have occurred during the year and the changes are indicated by the following symbols:

- (A) - Additions.
- (C) - Changes. Any changes in numeric data have been underlined.
- (D) - Deletions.

In Table 2 the units for moment of inertia are millions of pounds-foot<sup>2</sup>. This is a departure from the publication listing equipment as at December 31, 1966 where the unit used was thousands of pounds-foot<sup>2</sup>.

For heading explanations and codes, please refer to Catalogue No. 57-503.

Review of Survey Results

Total generating capacity in Canada at the end of 1968 amounted to 35,908,497 kilowatts, 8.9 per cent more than the total of 32,963,167<sup>r</sup> kilowatts in 1967. Utilities accounted for 30,599,012 kilowatts compared with 27,714,954<sup>r</sup> kilowatts in 1967, while industry had a capacity of 5,309,485 kilowatts in 1968, up from 5,248,213<sup>r</sup> kilowatts in 1967. Hydraulic installations in 1968 accounted for 69.5 per cent of the total and thermal plants, 30.5 per cent compared with 70.8 and 29.2 per cent in 1967. New hydraulic installations in 1968, in contrast to the two previous years, exceeded new thermal installations by 264,382 kilowatts.

Quebec had the largest generating capacity at 11,800,815 kilowatts or 32.9 per cent of the national total, followed by Ontario with 31.5 per cent and British Columbia with 13.9 per cent. The largest increase in generating capacity was in Ontario where the increase amounted to 1,046,937 kilowatts. British Columbia increased its capacity by 895,190 kilowatts, New Brunswick by 308,313 kilowatts, Quebec by 196,054 kilowatts, Saskatchewan by 174,870 kilowatts, Newfoundland by 146,247 kilowatts and Manitoba by 122,875 kilowatts.

8503-521

The largest thermal generating capacities were in Ontario with 44.8 per cent of the Canada total, British Columbia with 13.5 per cent, Alberta with 13.1 per cent and Quebec with 7.0 per cent.

The greatest increase in thermal capacity occurred in Ontario where three units totalling 900,000 kilowatts were installed at Ontario Hydro's Lakeview station. An additional 162,000 kilowatt unit was installed by British Columbia Hydro and Power Authority at their Burrard plant. In Quebec an additional unit of 150,000 kilowatts was completed at the Tracy station.

The increase in hydraulic capacity in British Columbia was accounted for by the new Gordon M. Shrum generating station where 3 units totalling 681,000 kilowatts were put into service during 1968. In New Brunswick three units totalling 307,800 kilowatts came on line in the New Brunswick Electric Power Commission's Mactaquac station. Saskatchewan Power Corporation's new Coteau Creek plant was put into operation during the year with three units totalling 167,940 kilowatts. Two units with a capacity of 152,400 kilowatts were added to the Ontario Hydro's Barrett Chute plant. Manitoba Hydro added a fourth unit of 109,250 kilowatts to their Grand Rapids generating station. In Newfoundland, an additional unit of 76,500 kilowatts was added by the Newfoundland and Labrador Power Commission to the Bay d'Espoir plant.

TABLE I

Quantity of Electric Generating Capacity as at December 31, 1968

	Generators			Total
	Publicly-operated utilities	Privately-operated utilities	Industries and other	
	kw.			
<u>All equipment</u>				
Newfoundland .....	341,710	503,525	90,428	935,663
Prince Edward Island .....	6,891	70,500	-	77,391
Nova Scotia .....	307,658	319,863	78,920	706,441
New Brunswick .....	944,857	31,840	124,837	1,101,534
Quebec .....	8,398,940	1,019,280	2,382,595	11,800,815
Ontario .....	10,372,959	338,290	605,217	11,316,466
Manitoba .....	1,530,448	-	21,706	1,552,154
Saskatchewan .....	1,101,470	106,740	44,857	1,253,067
Alberta .....	496,391	1,394,680	158,863	2,049,934
British Columbia .....	3,173,774	49,455	1,777,736	5,000,965
Northwest Territories .....	51,816	3,255	8,676	63,747
Yukon .....	26,310	8,360	15,650	50,320
Totals .....	26,753,224	3,845,788	5,309,485	35,908,497
<u>Hydro-electric</u>				
Newfoundland .....	306,920	444,471	68,135	819,526
Prince Edward Island .....	-	-	-	-
Nova Scotia .....	107,188	50,443	5,350	162,981
New Brunswick .....	524,585	30,840	14,200	569,625
Quebec .....	7,731,823	1,016,380	2,289,683	11,037,886
Ontario .....	5,823,423	332,720	256,506	6,412,649
Manitoba .....	1,173,250	-	10,350	1,183,600
Saskatchewan .....	447,840	106,740	12,300	566,880
Alberta .....	-	615,700	-	615,700
British Columbia .....	2,051,742	48,530	1,424,689	3,524,961
Northwest Territories .....	32,000	-	3,360	35,360
Yukon .....	16,490	1,650	10,050	28,190
Totals .....	18,215,261	2,647,474	4,094,623	24,957,358
<u>Steam</u>				
Newfoundland .....	-	33,400	17,025	50,425
Prince Edward Island .....	-	70,500	-	70,500
Nova Scotia .....	194,500	267,500	72,970	534,970
New Brunswick .....	410,615	-	110,637	521,252
Quebec .....	600,000	-	82,980	682,980
Ontario .....	4,204,200	-	346,361	4,550,561
Manitoba .....	314,000	-	7,350	321,350
Saskatchewan .....	538,000	-	23,000	561,000
Alberta .....	408,791	684,500	130,801	1,224,092
British Columbia .....	810,000	-	311,780	1,121,780
Northwest Territories .....	600	-	-	600
Yukon .....	-	-	-	-
Totals .....	7,480,706	1,055,900	1,102,904	9,639,510
<u>Internal combustion</u>				
Newfoundland .....	20,640	11,504	5,268	37,412
Prince Edward Island .....	6,891	-	-	6,891
Nova Scotia .....	5,970	1,920	600	8,490
New Brunswick .....	9,657	1,000	-	10,657
Quebec .....	31,117	2,900	9,932	43,949
Ontario .....	26,336	5,570	2,350	34,256
Manitoba .....	15,398	-	4,006	19,404
Saskatchewan .....	26,750	-	9,557	36,307
Alberta .....	1,500	25,980	15,875	43,355
British Columbia .....	121,532	925	36,767	159,224
Northwest Territories .....	17,016	3,255	5,316	25,587
Yukon .....	9,820	6,710	5,600	22,130
Totals .....	292,627	59,764	95,271	447,662
<u>Gas turbine</u>				
Newfoundland .....	14,150	14,150	-	28,300
Prince Edward Island .....	-	-	-	-
Nova Scotia .....	-	-	-	-
New Brunswick .....	-	-	-	-
Quebec .....	36,000	-	-	36,000
Ontario .....	319,000	-	-	319,000
Manitoba .....	27,800	-	-	27,800
Saskatchewan .....	88,880	-	-	88,880
Alberta .....	86,100	68,500	12,187	166,787
British Columbia .....	190,500	-	4,500	195,000
Northwest Territories .....	2,200	-	-	2,200
Yukon .....	-	-	-	-
Totals .....	764,630	82,650	16,687	863,967

HYDRO		X MAIN TURBINES X										MAIN GENERATORS					X				
COMPANY NAME PLANT NAME WATER SUPPLY	CO ORDINATES LAT LONG		OPERATING HEADS			AV AN FLOW CFS	YEAR	RUNNER	MAIN TURBINES			YEAR	MOMENT OF		FREQ	KVA	POWER				
	MAX	MIN	NORM	RPM	HEAD				HP	INERTIA	VOLTS		FACTOR	KW							
NEWFOUNDLAND																					
NFLD & LAB POWER COMM																					
BAY D ESPOIR SALMON R & GREY R	47 56	55 46	585	540	577	2200	67	RPF	300	577	100000	67	21	13800	60	85000	90	76500			
								(C)	67	RPF	300	577	100000	67	21	13800	60	85000	90	76500	
								(C)	67	RPF	300	577	100000	67	21	13800	60	85000	90	76500	
								(A)	68	RPF	300	577	100000	68	210	13800	60	85000	90	76500	
									400,000					340,000		306,000					
TWIN FALLS POWER CORP LTD																					
TWIN FALLS OSSOKMANUAN L	53 30	64 32	310	306	307	5000	62	RF	225	290	60000	62	2	13800	60	52000	90	46800			
								(C)	62	RF	225	290	60000	62	2	13800	60	52000	90	46800	
								(C)	63	RF	225	290	60000	63	2	13800	60	52000	90	46800	
								(C)	63	RF	225	290	60000	63	2	13800	60	52000	90	46800	
								(A)	68	RF	225	307	60000	68	240	13800	60	52000	90	46800	
									300,000					260,000		234,000					
NOVA SCOTIA																					
BERWICK TOWN OF																					
BERWICK ANNAPOLIS R	45 02	64 45	79	70	79	16	37	RF	720	70	275	37		200	60	325	80	260			
								(A)	68	RPF	720	82	800	68	28	2300	60	525	80	420	
									1,075					850		680					
NS LIGHT & POWER CO LTD																					
LEQUILLE (C) LEQUILLE R	44 43	65 29	42	38	42	53	RF	600	42	300	28			2300	60	225	80	180			
LEQUILLE (A) ALLAIN RIVER	44 43	65 29	388	384	386	100	68	RF	512	386	15000	68			6900	60	13000	86	11180		
									15,000					13,000		11,180					
NEW BRUNSWICK																					
NB ELECTRIC POWER COMM																					
BEECHWOOD SAINT JOHN RIVER	46 33	67 41	58	29	57	22512	57	RPK	109	57	45000	57			13800	60	40000	90	36000		
								(C)	58	RPK	109	57	45000	58							
								(C)	62	RPK	106	57	55500	62							
									145,500					125,000		112,500					
GRAND FALLS SAINT JOHN RIVER	67 03	67 44	136	110	13951	28	RF	164	125	20000	28			6600	60	17500	90	15750			
							(C)	28	RF	164	125	20000	28								
							(C)	30	RF	164	125	20000	30								
							(C)	31	RF	164	125	20000	31								
									80,000					70,000		63,000					





HYDRO		X MAIN TURBINES X										MAIN GENERATORS				X		
COMPANY NAME	CO ORDNATES	OPERATING			AV AN						MOMENT				POWER			
PLANT NAME	LAT LONG	HEADS			FLOW	YEAR	RUNNER	RPM	HEAD	HP	YEAR	INERTIA	VOLTS	FREQ	KVA	FACTOR	KW	
WATER SUPPLY		MAX	MIN	NORM	CFS													
MANITOBA																		
MANITOBA HYDRO																		
GRAND RAPIDS SASKATCHEWAN R	53 10 99 16	132	112	125	21000	65	RPK	112	120	150000	65	194	13800	60	115000	95	109250	
						65	RPK	112	120	150000	65	194	13800	60	115000	95	109250	
	(A)					65	RPK	112	120	150000	65	194	13800	60	115000	95	109250	
						68	RPK	113	120	150000	68	194	13800	60	115000	95	109250	
										600,000					460,000		437,000	
SASKATCHEWAN																		
SASKATCHEWAN POWER CORP																		
COTEAU CREEK (A) SASKATCHEWAN RIVER	51 17 106 52	178	145	173	8600	68	RF	129	173	84000	68	64	14000	60	62200	90	55980	
						68	RF	129	173	84000	68	64	14000	60	62200	90	55980	
						68	RF	129	173	84000	68	64	14000	60	62200	90	55980	
										252,000					186,600		167,940	
SQUAW RAPIDS SASKATCHEWAN RIVER	53 42 103 20	(C)	113	96	105	16800	63	F	120	105	46000	63	49	14400	60	37500	90	33750
						63	F	120	105	46000	63	49	14400	60	37500	90	33750	
						63	F	120	105	46000	63	49	14400	60	37500	90	33750	
						63	F	120	105	46000	63	49	14400	60	37500	90	33750	
						64	F	120	105	46000	64	49	14400	60	37500	90	33750	
						64	F	120	105	46000	64	49	14400	60	37500	90	33750	
						66	F	120	105	52750	66	57	14400	60	43000	90	38700	
						67	F	120	105	52750	67	58	14400	60	43000	90	38700	
										381,500					311,300		279,900	
ALBERTA																		
CALGARY POWER LTD																		
BRAZEAU P&G STATION BRAZEAU RIVER	52 58 115 36	20			1850	65	RPK	150	20	12850	65	2	13200	60	10800	90	9720	
	(C)					67	RPK	150	20	12850	67	2	13200	60	10800	90	9720	
										25,700					21,600		19,440	
BRITISH COLUMBIA																		
BC HYDRO & POWER AUTHORITY																		
ELKO PLANT ELK RIVER	49 18 115 04	206	198	200	2044	24	RF	360	190	7500	24		6600	60	6000	80	4800	
	(C)					24	RF	360	190	7500	24		6600	60	6000	80	4800	
	(C)									15,000					12,000		9,600	
GORDON M SHRUM (A) PEACE RIVER	55 58 122 07	540	440	530		68	RF	150	500	310000	68	215	13800	60	239000	95	227000	
						68	RF	150	500	310000	68	215	13800	60	239000	95	227000	
						68	RF	150	500	310000	68	215	13800	60	239000	95	227000	
										930,000					717,000		681,000	









COMPANY NAME PLANT NAME	STEAM		BOILERS					PRIME MOVERS				MAIN GENERATORS							
	COORDINATES		YEAR	STEAM		FUEL AND FIRING	YEAR	THROTTLE		MAX CONT RPM	COOL -ANT	FREQ		POWER FAC					
	LAT	LONG		PSIG	TEMP			LB/HR	ODD			PSIG	TEMP		YEAR	VOLTS	KVA		
	(C)	53	875	900	850	CP	52	C	875	900	1800	100000	53	H	13800	60	115000	87	100000
		59	1900	1000	1350	CP	59	C	1800	1000	3600	200000	59	H	13800	60	235294	85	200000
		60	1900	1000	1350	CP	60	C	1800	1000	3600	200000	60	H	13800	60	235294	85	200000
		60	1900	1000	1350	CP	60	C	1800	1000	3600	200000	60	H	13800	60	235294	85	200000
		61	1900	1000	1350	CP	61	C	1800	1000	3600	200000	61	H	13800	60	235294	85	200000
												1,200,000					1,407,176		1,200,000
POLYMER CORPORATION LTD																			
SARNIA																			
	42 58	82 23																	
	(A)	43	440	650	308	CPOG	43	C	200	500	1800	10000	43	A	6600	60	12500	80	10000
		43	440	650	308	CPOG	43	P	400	650	3600	4000	43	A	6600	60	5000	80	4000
		43	440	650	308	CPOG	48	P	400	750	3600	6000	48	A	13800	60	7143	70	5000
	(D)	43	440	650	308	CPOG													
		53	480	650	440	CPOG	56	B	600	750	3600	15625	56	A	13800	60	15625	85	13281
												35,625					40,268		32,281
STRATHCONA PAPER CO LTD																			
STRATHCONA																			
	44 19	76 57																	
	(D)	37	400	450	25	CS													
		52	415	490	55	CS	55	B	400	620	3600	2000	55	A	575	60	2000	80	1655
	(A)	68	700	640	100	O	55	R	400	620	3600	2000	55	A	575	60	2000	80	1655
												4,000					4,000		3,310
WELWOOD OF CANADA LTD																			
WOODSTOCK (D)																			
	43 08	80 45																	
		47	147	400	23	WDD													
		48	147	400	23	WDD	51	C	138	390	3600	500	51	A	480	60	625	80	500
SASKATCHEWAN																			
SASKATCHEWAN POWER CORP																			
ALL COLES																			
	42 07	106 33																	
		28	400	735	85	CG													
		29	400	735	85	CG	29	C	400	735	3600	10000	29	A	13200	60	12500	80	10000
		39	400	800	140	CS	47	C	400	800	3600	15000	47	A	13800	60	18750	80	15000
		50	400	800	180	CS	53	C	400	800	3600	25000	53	A	13800	60	31250	80	25000
		54	400	800	225	CSOG	54	C	400	800	3600	25000	54	A	13800	60	31250	80	25000
		55	415	800	300	OG													
	(C)	57	865	910	330	CPOG	57	C	865	910	3600	33000	57	H	14400	60	37500	80	30000
												108,000					131,250		105,000
REGINA																			
	50 25	104 39																	
	(O)	45	425	825	100	OG	25	C	400	700	3600	5000	25	A	4400	60	6250	80	5000
		48	425	825	100	OG	37	C	400	800	3600	15000	37	A	14400	60	18750	80	15000
		52	425	825	165	OG	49	C	400	800	3600	20000	49	A	14400	60	25000	80	20000
		55	425	825	300	OG	55	C	400	800	3600	30000	55	A	14400	60	37500	80	30000
		63	425	825	300	OG													
												65,000					81,250		65,000

COMPANY NAME PLANT NAME	CO ORDINATES		BOILERS				PRIME MOVERS				MAIN GENERATORS									
	LAT	LONG	STEAM	STEAM	FUEL	THROTTLE	MAX	COOL	FREQ	POWER										
	YEAR	PSIG	TEMP	LB/HR	AND	PSIG	TEMP	RPM	KW	YEAR	VOLTS	KVA	FACTOR	KW						
ALBERTA																				
ALBERTA D.P.W.																				
BAKER SANATORIUM	51 03 114 05	(C) 20	125	360	5	G	52	B	150	366	600	125	52	A	550	60	156	80	125	
		(C) 20	125	360	5	G	54	B	150	366	514	168	54	A	4140	60	210	80	100	
		(C) 41	150	366	12	G														
		(C) 54	150	366	18	G														
												293					366		214	
DEERHOME	52 16 113 48	(C) 54	125	353	15	G														
		(C) 54	125	353	15	G														
		(C) 60	125	353	15	G	65	B	125	353	600	125	65	A	4160	60	156	80	125	
		(D) 67	125	353	30	G														
												125					156		125	
EDMONTON-HOSPITAL	53 33 113 28	(D) 19	150	366	10	G														
		(D) 19	150	366	10	G														
		40	150	366	15	G	29	B	150	366	400	200	29	A	2300	60	250	80	200	
		(D) 41	150	366	200	G	41	B	150	366	200	300	41	A	2300	60	375	80	300	
		(C) 46	150	366	25	G	32	B	150	366	327	600	32	A	2300	60	750	80	600	
		(C) 61	150	366	30	G	27	B	150	366	300	500	27	A	2300	60	625	80	500	
												1,300				1,625		1,300		
EDMONTON	53 33 113 28	(C) 50	185	382	30	G	53	B	175	378	327	800	53	A	2400	60	1000	80	800	
		(C) 51	185	382	30	G	59	B	185	382	8000	800	59	A	2400	60	1000	80	800	
		(C) 56	185	382	30	G	46	B	175	378	360	500	65	A	2400	60	625	80	500	
												2,100				2,625		2,100		
FT SASKATCHEWAN	53 48 113 13	(C) 50	150	366	10	G	48	B	150	366	600	80	54	A	2400	60	100	80	80	
		(C) 51	150	366	10	G	62	B	150	366	514	168	62	A	2400	60	210	80	168	
		(C) 56	150	366	15	G														
												248					310		248	
INST OF TECH	51 03 114 05	(C) 21	185	388	18	G														
		(C) 21	185	388	10	G														
		(C) 56	185	388	30	G	59	B	185	378	8000	600	59	A	4150	60	750	80	600	
		67	185	375	70	G														
		67	185	375	70	G														
												600					750		600	
LETHBRIDGE-GADL	49 42 112 50	(C) 53	150	366	5	G														
		(C) 40	150	366	5	G	56	B	150	366	514	80	56	A	2300	60	100	80	80	
		(C) 61	150	366	15	G	57	B	150	366	514	120	57	A	2300	60	150	80	120	
												200					250		200	
PONOKA-HOSPITAL	52 42 113 35	(C) 50	200	388	30	G	51	B	195	386	400	200	51	A	2300	60	250	80	200	
		(C) 51	200	388	30	G	61	B	195	386	9750	600	61	A	2300	60	750	80	600	
		(C) 54	200	388	30	G	61	B	195	386	9750	600	61	A	2300	60	750	80	600	
												1,400					1,750		1,400	
RED DEER-HOSPITAL	52 16 113 48	(C) 49	150	366	5	G	51	B	150	366	514	100	51	A	2300	60	125	80	100	
		(C) 49	150	366	5	G	55	B	150	366	400	250	55	A	2300	60	312	80	250	
		(C) 53	150	366	10	G	63	B	150	366	6020	400	63	A	2300	60	500	80	400	
		(C) 57	150	366	24	G														
		(C) 67	160	370	35	G														
														750					937	

STEAM COMPANY NAME PLANT NAME	COORDINATES		BOILERS				PRIME MOVERS				MAIN GENERATORS						
	LAT	LONG	YEAR	STEAM PSIG	STEAM LB/HR	FUEL AND FIRING	YEAR	TYPE	THRITTLE PSIG	TEMP	RPM	MAX CONT KW	COOL -ANT VOLTS	FREQ	KVA	POWER FACTORS	
SOUTH POWER PLANT	53 33 113 28	(C) 58	10	260	10	XG	59	P			7000	2000					
		(C) 62	425	715	150	G											
		(C) 60	425	715	150	G	63	B	425	750	6000	5000	63	A	4160	60	6250 80 5000
		(A) 68	425	715	250	G											
													7,000			6,250	
CANADIAN SUGAR FACTORIES LTD																	
PICTURE BUTTE	49 53 112 47	36	250	550	50	GO											
		36	250	550	50	GO	36	B	240	550	4500	1562	36	A	480	60	1562 80 1250
		64	240	556	80	G	64	B	240	535	4500	938	64	A	480	60	938 80 750
		(A) 68	240	556	80	G	68	B	240	535	4500	750	68	A	480	60	938 80 750
											3,250			3,438		2,750	
PAN AMERICAN PETROLEUM CORPORATION																	
EAST CROSSFIELD (A)	51 26 114 01	68	300	420	70	G	68	B	65	298	3650	420	68	W	440	60	420 100 420
		68	300	420	145	G	68	B	65	298	3650	420	68	W	440	60	420 100 420
													840			840	840
SHERRITT-GORDON MINES LTD																	
FORT SASKATCHEWAN	53 43 113 13	(C) 54	900	750	150	G	54	EC	875	750	3600	3000	54	A	4160	60	3125 80 2500
		(C) 54	900	750	150	G	59	EC	875	750	3600	3000	59	A	4160	60	3125 80 2500
													6,000			6,250	
BRITISH COLUMBIA																	
BC FOREST PRODUCTS LTD																	
COWICHAN	48 53 129 42	30	205	450	80	WD	10	C	150	3600	750	10	A	480	60	900 80 750	
		30	155	360	8	WD	15	C	150	3600	750	15	A	480	60	900 80 750	
		30	155	360	8	WD	15	C	200	3600	800	15	A	480	60	1000 80 800	
		30	155	360	8	WD	18	C	200	3600	2000	18	A	480	60	2500 80 2000	
		41	155	360	8	WD	45	C	600	825	3600	5000	66	A	4300	60	6250 80 5000
		54	170	360	8	WD											
		57	170	360	8	WD											
		30	155	360	8	WD											
		(A) 68	700	825	80	W											
													9,300			11,550	
BC HYDRO AND POWER AUTHORITY																	
BURREARD	49 17 122 52	62	1850	1010	1050	GO	62	C	1800	1000	3600	150000	62	H	16500	60	180000 90 162000
		63	1850	1010	1050	GO	63	C	1800	1000	3600	150000	63	H	16500	60	180000 90 162000
		65	1850	1010	1050	GO	65	C	1800	1000	3600	150000	65	H	16500	60	180000 90 162000
		67	1850	1010	1050	GO	67	C	1800	1000	3600	150000	67	H	16500	60	180000 90 162000
		(A) 68	1850	1010	1050	GO	68	C	1800	1000	3600	150000	68	H	16500	60	180000 90 162000
													750,000			900,000	

COMPANY NAME PLANT NAME	CO ORDINATES		BOILERS				PRIME MOVERS				MAIN GENERATORS										
	LAT	LONG	YEAR	STEAM PSIG	STEAM LB/HR	FUEL AND FIRING	YEAR	TYPE	THROTTLE PSIG	TEMP	MAX CONT RPM	KW	COOL -ANT YEAR	FREQ VOLTS	KVA	POWER FACTOR	KW				
CABLE LAKE SAWMILLS LTD																					
GISCOME (D)	54	04 122 22	64	180	450	40 W	57	C	150	400	3600	1500	57	A	480	60	1875	80	15000		
			64	180	450	40 W	65	C	180	450	3600	2400	65	A	480	60	3000	80	14000		
HILLCREST LUMBER CO LTD																					
MESACHIE (D)	48	49 124 07	21	150	366	40 W															
			28	150	366	9 W															
			41	150	366	9 W															
			41	150	366	9 W			49	C	150	360	1800	1600	49	A	480	60	2410	80	16000
			41	150	366	9 W			49	C	15	250	3600	750	49	A	480	60	1126	80	790
			59	150	366	9 W															
			60	150	366	9 W															
MACMILLAN BLOEDEL LTD																					
CANADIAN WHITE PINE (C) 49 16 123 07 (FORMERLY KNOWN AS VANCOUVER)																					
	(C)	12	200	560	25 WD	10	C	175	450	1800	750	10	A	2300	60	937	80	750			
	(C)	40	200	388	18 WD	12	C	175	450	3600	1000										
	(C)	40	200	388	18 WD	16	C	175	450	3600	1500										
	(C)	51	200	450	65 WS	35	C	175	565	3600	4000	35	A	2300	60	5000	80	40000			
	(C)	51	200	388	65 WD																
	(C)	52	275	540	85 WS																
											7,250				5,937		4,750				
POWELL RIVER																					
	49	52 124 33	180	550	80 O	48	B	150	450	4020	3500	48	A	6600	50	1350	100	1350			
			180	550	80 O								48	A	550	DC			1200		
			180	550	70 O	51	B	550	775	3000	12500	51	A	6600	50	13125	80	10500			
			(D)	180	550	45 OW															
			(D)	180	550	50 OW															
			51	600	800	150 WD															
			56	600	800	200 WD															
			64	600	800	250 OW	60	B	135	435	3000	2700	60	A	2400	60	1875	100	1875		
			67	900	925	400 O	67	B	900	925	3600	36000	67	A	13800	60	40000	90	36000		
			(+) 68	925	825																
											54,700				56,350		50,925				
WESTCOAST TRANSMISSION CO LTD																					
MC MAHON																					
	56	10 120 41	57	425	560	150 GO	57	B	425	560	5500	2500	57	A	4160	60	3125	80	2500		
			(C) 57	425	560	150 GO	57	GE	425	560	5500	2500	57	A	4160	60	3125	80	2500		
			(C) 57	425	560	150 G	57	GE	425	560	5500	2500	57	A	4160	60	3125	80	2500		
			57	425	560	150 G															
											7,500				9,375		7,500				

COMPANY NAME PLANT NAME	INTERNAL COMBUSTION		X	PRIME MOVERS						X	MAIN GENERATORS					X			
	CO ORDINATES LAT LONG			YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS		RPM	HP	KW	YEAR	VOLTS		FREQ	KVA	POWER FACTOR
NEWFOUNDLAND																			
FEDERAL DEPT OF TRANSPORT																			
GOOSE BAY	53 19	60 24		(C)	52	D	D	4	Y	8	360	1140	750	52	4160	60	938	80	750
				(C)	52	D	D	4	Y	8	360	1140	750	52	4160	60	938	80	750
				(C)	52	D	D	4	Y	8	360	1140	750	52	4160	60	938	80	750
				(C)	52	D	D	4	Y	8	360	1140	750	52	4160	60	938	80	750
				(C)	58	D	D	2	Y	16	720	1440	1000	58	4160	60	1250	80	1000
				(A)	68	D	D	2	Y	20	900	3600	2500	68	4160	60	3125	80	2500
				(A)	68	D	D	4	Y	16	1200	1215	700	68	4160	60	875	80	700
											10,815		7,200			9,002		7,200	
FIRST MARITIMES MINING CORP																			
TILT COVE (D)	49 53	55 35		57	D	D	4	Y	12	720	1368	950	57	2300	60	1118	85	950	
FISHERY PRODUCTS LTD																			
BURIN (D)	47 02	55 10		49	D	D	4	N	6	450	400	300	49	240	60	375	80	300	
NELPACK FISHERIES LTD																			
ISLE AUX MORTS (D)	47 36	59 01		55	D	D	4	N	4	1200	105	60	55	220	60	75	80	60	
				55	D	D	4	N	4	1200	75	60	55	220	60	50	80	40	
				55	D	D	4	N	4	1800	125	60	55	220	60	75	80	60	
NEWFOUNDLAND FLUORSPAR LTD																			
POWER PLANT (A)	46 55	55 23		49	D	D	4	N	6	900	125	94	49		60	100	75	75	
				49	D	D	4	N	6	900	125	94	49	240	60	93	80	74	
				52	D	D	4	N	6	900	125	94	52	240	60	93	80	74	
				52	D	D	4	N	6	900	125	94	52		60	100	75	75	
				42	D	D	4	N	6	900	125	94	42		60	100	75	75	
				54	D	D	4	N	8	720	482	360	54	480	60	415	87	360	
				62	D	D	4	Y	8	720	1036	770	62	480	60	906	87	775	
				62	D	D	4	Y	8	720	1036	770	62	480	60	906	87	775	
											3,179		2,370			2,713		2,283	
NEWFOUNDLAND & LABRADOR GOVERNMENT OF																			
MAKROVIA	55 05	59 11		(D)	65	D	D	4	N	4	2000	65	60	65	220	60	75	80	60
				(D)	67	D	D	4	N	4	1800	56	54	67	220	60	60	80	54
				(A)	68	D	D	4	N	4	1800	100	50	68	600	60	63	80	50
				(A)	68	D	D	4	N	4	1800	100	50	68	600	60	63	80	50
											200		100			126		100	

COMPANY NAME PLANT NAME	INTERNAL COMBUSTION				PRIME MOVERS								MAIN GENERATORS				
	COORDINATES		YEAR	TYPE	FUEL	CYCLE	SUPER	NO OF	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER	
	LAT	LONG														FACTOR	KW
MAIN	56 33	61 41															
		(U) 57	D	D	4	N	3	1200	35	21	57	110	60	26	80	21	
		(D) 57	D	D	4	N	3	1200	35	21	57	110	60	26	80	21	
		(D) 57	D	D	4	N	3	1200	35	21	57	110	60	26	80	21	
		(A) 65	D	D	4	N	6	1200	60	45	65	110	60	45	75	34	
		(A) 67	D	D	4	N	4	1800	100	75	67	120	60	75	80	60	
	(A) 68	D	D	4	Y	4	1800	120	90	68	120	60	94	80	75		
								280		210				214		169	
WFO & LAB POWER COM																	
BAY L ARGENT (D)	47 33	54 53															
		65	D	D	4	N	8	1800	175	130	65	600	60	125	80	100	
		65	D	D	4	N	8	1800	175	130	65	600	60	125	80	100	
	65	D	D	4	N	8	1800	175	130	65	600	60	125	80	100		
BELLEDRAM	47 31	55 25															
		(C) 66	D	D	4	N	8	1800	175	100	66	600	60	125	80	100	
		(C) 66	D	D	4	N	8	1800	175	100	66	600	60	125	80	100	
	(C) 66	D	D	4	N	8	1800	175	100	66	600	60	125	80	100		
								575		100				375		300	
BONNE BAY	49 30	67 55															
		(C) 63	D	D	4	N	6	720	175	100	63	208	60	125	80	100	
		(C) 63	D	D	4	N	6	720	175	100	63	208	60	125	80	100	
		(C) 66	D	D	4	N	6	720	175	100	66	208	60	125	80	100	
	(C) 67	D	D	4	N	6	720	175	100	67	208	60	125	80	100		
								700		400				500		600	
BRENTS COVE (D)	49 56	55 43															
		67	D	D	4	N	4	1800	50	37	67	600	60	38	80	30	
	67	D	D	4	N	4	1800	50	37	67	600	60	38	80	30		
BURLINGTON	49 45	56 02															
		(C) 65	D	D	4	N	4	900	93	50	65	600	60	63	80	50	
	(C) 65	D	D	4	N	4	1800	75	56	65	600	60	63	80	50		
								164		106				126		100	
DUNCAN	47 36	57 34															
		(U) 62	D	D	4	N	6	1800	115	86	62	600	60	75	80	60	
		(D) 62	D	D	4	N	6	1800	115	86	62	600	60	75	80	60	
		(C) 62	D	D	4	N	6	1800	100	60	62	600	60	75	80	60	
		(C) 67	D	D	4	Y	8	1200	350	200	67	600	60	250	80	200	
		(C) 65	D	D	4	Y	4	1800	75	60	65	600	60	75	80	60	
		(A) 64	D	D	4	Y	8	1200	525	300	64	600	60	375	80	300	
		(A) 64	D	D	4	N	12	1200	425	250	64	2400	60	312	80	250	
		(A) 68	D	D	4	Y	4	1800	75	60	68	600	60	75	80	60	
								1,550		930				1,162		930	
CAPE HAY	47 37	59 15															
		(D) 66	D	D	4	N	2	1200	24	18	66	600	60	15	80	12	
		(C) 66	D	D	4	N	2	1200	14	12	66	600	60	15	80	12	
		(C) 67	D	D	4	N	2	1200	14	12	67	600	60	15	80	12	
	(A) 68	D	D	4	N	6	1200	75	60	68	600	60	75	80	60		
								103		84				105		84	
CARTWRIGHT	53 43	57 00															
		66	D	D	4	N	4	1800	75	56	66	600	60	50	80	40	
		66	D	D	4	N	4	1800	75	56	66	600	60	50	80	40	
		(A) 68	D	D	4	N	6	1800	75	60	68	600	60	75	80	60	
	(A) 68	D	D	4	N	6	1800	75	60	68	600	60	75	80	60		
								300		232				250		200	

COMPANY NAME PLANT NAME	INTERNAL COMBUSTION		PRIME MOVERS								MAIN GENERATORS						
	CO ORDINATES LAT	LONG	YEAR	TYPE	FUEL	CYCLE	SUPER	NO OF	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW
CHANGE ISLANDS	49 40	54 24	(C) 65	D	D	4	N	6	1800	<u>100</u>	<u>60</u>	65	600	60	75	80	60
			(C) 65	D	D	4	N	6	1800	<u>100</u>	<u>60</u>	65	600	60	75	80	60
													200	120	150	120	
COCKS HARBOUR (A)	51 36	55 52	67	D	D	4	N	4	1800	64	40	67	600	60	50	80	40
			67	D	D	4	N	4	1800	54	40	67	600	60	50	80	40
			67	D	D	4	N	4	1800	54	40	67	600	60	50	80	40
										172	120	150	120				
COW HEAD	49 55	57 49	(C) 66	D	D	4	N	4	1800	<u>66</u>	<u>40</u>	66	600	60	50	80	40
			(C) 66	D	D	4	N	4	1800	<u>66</u>	<u>40</u>	66	600	60	50	80	40
			(C) 67	D	D	4	N	6	1800	<u>100</u>	<u>60</u>	67	600	60	75	80	60
										232	140	175	140				
DANIELS HARBOUR (A)	50 14	57 40	68	D	D	4	Y	4	1800	75	60	68	208	60	75	80	60
			68	D	D	4	Y	4	1800	75	60	68	208	60	75	80	60
													150	120	150	120	
ENGLEE	50 44	56 06	(C) 65	D	D	4	N	6	1800	<u>100</u>	<u>60</u>	65	600	60	75	80	60
			(C) 65	D	D	4	N	6	1800	<u>100</u>	<u>60</u>	65	600	60	75	80	60
			(A) 68	D	D	4	Y	4	1800	75	60	68	600	60	75	80	60
										275	180	225	180				
ENGLISH HARBOUR EAST (A)	47 37	54 54	68	D	D	4	N	6	1200	75	60	68	600	60	75	80	60
			68	D	D	4	N	6	1200	75	60	68	600	60	75	80	60
													150	120	150	120	
FAIR HAVEN	47 32	53 54	(C) 65	D	D	4	N	2	<u>1200</u>	<u>18</u>	<u>12</u>	65	600	60	15	80	12
			(C) 65	D	D	4	N	2	<u>1200</u>	<u>18</u>	<u>12</u>	65	600	60	15	80	12
													36	24	30	24	
FLOWERS COVE	51 18	56 44	(C) 65	D	D	4	N	6	720	175	<u>100</u>	65	208	60	125	80	100
			(C) 65	D	D	4	N	6	720	175	<u>100</u>	65	208	60	125	80	100
			(A) 67	D	D	4	Y	6	1800	350	200	67	600	60	250	80	200
			(A) 67	D	D	4	Y	6	1800	350	200	67	600	60	250	80	200
													1,050	600	750	600	
FOGO	49 43	54 17	(C) 65	D	D	4	N	6	720	<u>146</u>	<u>100</u>	65	208	60	125	80	100
			(C) 65	D	D	4	N	6	720	<u>146</u>	<u>100</u>	65	208	60	125	80	100
			(C) 65	D	D	4	N	6	720	<u>146</u>	<u>100</u>	65	208	60	125	80	100
			(C) 67	D	D	4	N	6	720	<u>146</u>	<u>100</u>	67	208	60	125	80	100
			(C) 67	D	D	4	N	6	720	<u>146</u>	<u>100</u>	67	208	60	125	80	100
										730	500	625	500				
FRANCOIS	47 34	56 44	(D) 65	D	D	4	N	2	1800	38	28	65	600	60	25	80	20
			(C) 65	D	D	4	N	2	1800	24	20	65	600	60	25	80	20
			(A) 68	D	D	4	Y	6	1800	54	40	68	600	60	50	80	40
			(A) 68	D	D	4	N	4	1200	54	40	68	600	60	50	80	40
										132	100	125	100				
FLEUR DE LYS (A)	50 08	56 08	68	D	D	4	Y	4	1800	75	60	68	208	60	75	80	60
			68	D	D	4	Y	4	1800	75	60	68	208	60	75	80	60
													150	120	150	120	

COMPANY NAME PLANT NAME	INTERNAL COMBUSTION		PRIME MOVERS										MAIN GENERATORS				
	COORDINATES		YEAR	TYPE	FUEL	CYCLE	SUPER	NO OF	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER	KW
	LAT	LONG															
SULLANTS	48 42	58 14															
		(C) 65	D	D	4	N	2	1800	24	20	65	600	60	25	80	20	
		(C) 65	D	D	4	N	2	1800	24	20	65	600	60	25	80	20	
		(C) 67	D	D	4	N	4	1800	66	40	67	600	60	50	80	40	
											114	80		100		80	
GAULTOIS	47 37	55 55															
		(C) 65	D	D	4	N	8	900	165	96	65	2400	60	120	80	96	
		(C) 65	D	D	4	N	8	900	165	96	65	2400	60	120	80	96	
		(C) 65	D	D	4	N	6	900	165	96	65	2400	60	120	80	96	
		(A) 65	D	D	4	N	8	900	165	96	65	2400	60	120	80	96	
		(A) 68	D	D	4	Y	12	1200	412	250	68	600	60	312	80	250	
											1,072	634		792		634	
GRAND LE PIERRE (A)	47 39	54 48															
		68	D	D	4	N	4	1800	94	40	68	600	60	50	80	40	
		68	D	D	4	N	2	1200	14	17	68	600	60	15	80	12	
											68	52		65		52	
HAMPDEN	49 33	56 52															
		(C) 65	D	D	4	N	4	1800	66	40	65	600	60	50	80	40	
		(C) 67	D	D	4	N	6	1800	100	60	67	600	60	75	80	60	
		(C) 67	D	D	4	N	6	1800	100	60	67	600	60	75	80	60	
											266	160		200		160	
HAPPY VALLEY (D)	53 18	60 18															
		60	D	D	2	N	6	650	375	280	60	2400	60	312	80	250	
		60	D	D	2	N	6	650	375	280	60	2400	60	312	80	250	
		67	D	D	4	N	16	720	1600	1200	67	2400	60	1375	80	1100	
		67	D	D	4	N	16	720	1600	1200	67	2400	60	1375	80	1100	
		63	D	D	2	N	6	650	375	280	63	2400	60	312	80	250	
		67	D	D	4	N	8	1200	400	300	67	600	60	315	80	250	
	67	D	D	4	N	8	1200	400	300	67	600	60	315	80	250		
HARBOR BRETON	47 29	55 48															
		(C) 89	D	D	4	N	6	720	166	100	63	208	60	125	80	100	
		(C) 89	D	D	4	N	6	720	166	100	63	208	60	125	80	100	
		(C) 89	D	D	4	N	6	720	166	100	63	208	60	125	80	100	
		(C) 89	D	D	4	N	6	720	166	100	67	208	60	125	80	100	
											584	400		500		400	
HARBOR DEEP (A)	50 22	56 31															
		68	D	D	4	Y	4	1800	75	60	68	208	60	75	80	60	
		68	D	D	4	Y	4	1800	75	60	68	208	60	75	80	60	
											150	120		150		120	
HERMITAGE	47 34	55 56															
		(C) 66	D	D	4	N	6	1800	100	60	66	600	60	75	80	60	
		(C) 66	D	D	4	N	6	1800	100	60	66	600	60	75	80	60	
		(C) 66	D	D	4	N	6	1800	100	60	66	600	60	75	80	60	
											300	180		225		180	
HOOPING HARBOR (A)	50 37	56 16															
		68	D	D	4	N	4	1200	55	30	68	208	60	30	80	24	
		68	D	D	4	N	4	1200	55	30	68	208	60	30	80	24	
		68	D	D	4	N	4	1200	75	60	68	208	60	75	80	60	
											185	120		135		108	
JACKSONS ARM	49 52	56 47															
		(C) 66	D	D	4	N	4	1800	66	40	66	600	60	50	80	40	
		(C) 66	D	D	4	N	4	1800	66	40	66	600	60	50	80	40	
		(A) 68	D	D	4	N	6	1800	75	60	68	600	60	75	80	60	
											207	140		175		140	

COMPANY NAME PLANT NAME	INTERNAL COMBUSTION		PRIME MOVERS								MAIN GENERATORS							
	CO	ORDINATES	YEAR	TYPE	FUEL	CYCLE	SUPER	NO OF	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER	KW	
	LAT	LONG					CHARGED	CYLINDERS								FACTOR		
JACKSONS COVE (A)	49 41	56 00	67	D	D	4	N	6	1800	75	60	67	600	60	75	80	60	
			67	D	D	4	N	6	1800	75	60	67	600	60	75	80	60	
									150		120				150		120	
KINGS POINT	49 35	56 11	(D)	65	D	D	4	N	4	1800	75	56	65	600	60	50	80	40
			(C)	65	D	D	4	N	4	1800	54	40	65	600	60	50	80	40
			(C)	65	D	D	4	N	4	1800	54	40	65	600	60	50	80	40
			(C)	66	D	D	4	N	8	1200	175	100	66	600	60	125	80	100
			(A)	68	D	D	4	Y	6	1800	75	60	68	600	60	75	80	60
									358		240				300		240	
LA SCIE (D)	49 57	55 36	62	D	D	4	N	6	1800	115	86	62	600	60	75	80	60	
			62	D	D	4	N	6	1800	115	86	62	600	60	75	80	60	
			62	D	D	4	N	6	1800	115	86	62	600	60	75	80	60	
			67	D	D	4	N	6	1800	115	86	67	600	60	75	80	60	
LITTLE BAY ISLANDS	49 39	55 47	(C)	65	D	D	4	N	4	1800	49	30	65	480	60	38	80	30
			(C)	65	D	D	4	N	4	1800	49	30	65	480	60	38	80	30
			(C)	67	D	D	4	N	6	1800	75	60	67	480	60	75	80	60
									173		120				151		120	
MAIN BROOK	51 11	56 01	(C)	65	D	D	4	N	4	1800	66	40	65	600	60	50	80	40
			(C)	65	D	D	4	N	4	1800	66	40	65	600	60	50	80	40
			(A)	68	D	D	4	N	6	1800	75	60	68	600	60	75	80	60
									207		140				175		140	
MARYS HARBOUR	52 18	55 50	(C)	64	D	D	4	N	4	1800	28	20	64	600	60	25	80	20
			(C)	64	D	D	4	N	4	1800	100	60	64	600	60	75	80	60
			(C)	67	D	D	4	N	4	1800	60	40	67	600	60	50	80	40
									188		120				150		120	
MERASHEEN (D)	47 25	54 21	65	D	D	4	N	4	1800	75	56	65	600	60	50	80	40	
			65	D	D	4	N	2	2000	24	18	65	600	60	15	80	12	
MILLERTOWN	48 49	56 32	(C)	67	D	D	4	N	6	1800	175	100	66	600	60	125	80	100
			(C)	67	D	D	4	N	6	1800	175	100	66	600	60	125	80	100
			(A)	67	D	D	4	N	6	1800	92	65	67	600	60	63	80	50
									442		265				313		250	
MINGS BIGHT (A)	50 00	56 00	68	D	D	4	Y	4	1800	75	60	68	600	60	75	80	60	
			68	D	D	4	Y	4	1800	75	60	68	600	60	75	80	60	
									150		120				150		120	
MUD LAKE	53 18	60 10	(C)	67	D	D	4	N	2	1200	24	13	67	600	60	15	80	12
			(C)	67	D	D	4	N	2	1200	24	13	67	600	60	15	80	12
									48		26				30		24	
NIPPERS HARBOUR	49 47	55 52	(C)	66	D	D	4	Y	4	1800	75	60	66	208	60	75	80	60
			(C)	66	D	D	4	Y	4	1800	75	60	66	208	60	75	80	60
									150		120				150		120	

COMPANY NAME PLANT NAME	INTERNAL CONSTRUCTION		PRIME MOVERS										MAIN GENERATORS				
	CO ORDINATES LAT	LONG	YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW
NORTHWEST RIVER	53 32	60 09	(C) 67	D	D	4	N	6	1200	175	100	67	208	60	125	80	100
			(C) 67	D	D	4	N	6	1200	175	100	67	208	60	125	80	100
			(C) 67	D	D	4	N	6	1200	175	100	67	208	60	125	80	100
													525	300	375	300	
PORT AUX CHUIX (A)	50 42	57 22	68	D	D	4	Y	8	1200	425	250	68	600	60	312	80	250
													425	250	312	250	
PORT ELIZABETH	47 15	54 56	(C) 65	D	D	4	N	4	1800	66	40	65	600	60	50	80	40
			(C) 65	D	D	4	N	4	1800	66	40	65	600	60	50	80	40
													132	80	100	90	
PORT SAUNDERS	50 39	57 18	(C) 65	D	D	4	N	4	1800	66	40	65	600	60	50	80	40
			(C) 65	D	D	4	N	4	1800	66	40	65	600	60	50	80	40
			(C) 67	D	D	4	N	6	1800	100	60	67	600	60	75	80	50
			(A) 67	D	D	4	Y	6	1800	75	60	67	600	60	75	80	60
			(A) 67	D	D	4	Y	4	1800	75	60	67	600	60	75	80	60
										382	260	325	260				
RAMEA	47 31	57 25	(C) 67	D	D	4	N	6	1200	100	60	67	208	60	75	80	60
			(C) 67	D	D	4	N	6	1200	100	60	67	208	60	75	80	60
			(C) 67	D	D	4	N	6	1200	100	60	67	208	60	75	80	60
			(A) 68	D	D	4	N	6	720	175	100	68	208	60	125	80	100
										475	280	350	280				
RENCONTRE EAST (A)	47 37	55 14	68	D	D	4	Y	4	1800	75	60	68	600	60	75	80	60
			68	D	D	4	Y	4	1800	75	60	68	600	60	75	80	60
										150	120	150	120				
RODIFACTOR	50 52	56 00	(C) 63	D	D	4	N	6	1800	100	60	63	600	60	75	80	60
			(C) 63	D	D	4	N	6	1800	100	60	63	600	60	75	80	60
			(C) 66	D	D	4	N	6	1800	100	60	66	600	60	75	80	60
			(C) 67	D	D	4	N	6	1800	100	60	67	600	60	75	80	60
										400	240	300	240				
SOPS BAY	49 46	56 33	(C) 66	D	D	4	N	6	1800	100	60	66	600	60	75	80	60
			(C) 66	D	D	4	N	6	1800	100	60	66	600	60	75	80	60
			(A) 66	D	D	4	N	6	1800	100	60	66	600	60	75	80	60
										300	180	225	180				
SOUTH LABRADOR			(C) 65	D	D	4	N	6	720	146	100	65	208	60	125	80	100
			(C) 65	D	D	4	N	6	720	146	100	65	208	60	125	80	100
			(C) 65	D	D	4	N	6	720	146	100	65	208	60	125	80	100
										438	300	375	300				
ST ANTHONY	51 22	55 35	(C) 65	D	D	4	N	6	720	146	100	65	208	60	125	80	100
			(C) 65	D	D	4	N	6	720	146	100	65	208	60	125	80	100
			(C) 65	D	D	4	N	6	720	146	100	65	208	60	125	80	100
			(C) 65	D	D	4	N	6	720	146	100	65	208	60	125	80	100
			(C) 65	D	D	4	N	6	720	146	100	65	208	60	125	80	100
			(C) 67	D	D	4	Y	6	720	670	500	67	2400	60	625	80	500
			(A) 68	D	D	4	Y	6	720	670	500	68	2400	60	625	80	500
										2,070	1,500	1,875	1,500				

COMPANY NAME PLANT NAME	INTERNAL COMBUSTION			PRIME MOVERS										MAIN GENERATORS			
	COORDINATES		YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	
	LAT	LONG														cos	sin
ST BRENDANS	48 52	53 40	(C) 65	D	D	4	N	4	1800	50	40	65	600	60	50	80	40
			(C) 65	D	D	4	N	4	1800	50	40	65	600	60	50	80	40
			(C) 65	D	D	4	N	6	1800	100	60	65	600	60	75	80	60
											232	140				175	
ST LUNAIRE	51 30	55 29	(D) 67	D	D	4	N	4	1800	75	56	67	600	60	50	80	40
			(C) 67	D	D	4	N	4	1800	66	40	67	600	60	50	80	40
			(A) 68	D	D	4	N	6	1800	100	60	68	600	60	75	80	60
											166	100				125	
TERRA NOVA	48 23	54 16		D	D	4	N	4	1800	54	40	67	600	60	50	80	40
			(A) 68	D	D	4	Y	4	1800	75	60	68	600	60	75	80	60
			(D) 67	D	D	4	N	6	1800	75	56	67	600	60	50	80	40
											129	100				125	
TERRENCEVILLE	47 42	54 43	(D) 65	D	D	4	N	6	1800	75	57	65	600	60	75	80	60
			(D) 65	D	D	4	N	6	1800	75	57	65	600	60	75	80	60
			(A) 68	D	D	4	N	4	1800	43	30	68	208	60	38	80	30
			(A) 68	D	D	4	Y	4	1800	75	60	68	208	60	75	80	60
			(C) 67	D	D	4	N	6	1200	115	60	67	208	60	75	80	60
			(C) 67	D	D	4	N	6	1200	115	60	67	208	60	75	80	60
											348	210				263	
TRITON (D)	49 32	55 37	66	D	D	4	N	6	1800	55	41	66	600	60	50	80	40
			66	D	D	4	N	6	1800	55	41	66	600	60	50	80	40
			66	D	D	4	N	6	1800	75	56	66	600	60	75	80	60
TWILLINGATE (D)	49 39	54 46	63	D	D	4	N	6	550	310	230	63	2400	60	250	80	200
			63	D	D	4	N	6	550	310	230	63	2400	60	250	80	200
			63	D	D	4	N	8	800	175	130	63	208	60	125	80	100
			64	D	D	4	N	6	720	175	130	64	208	60	125	80	100
WOODY ISLAND	47 46	54 13	(C) 65	D	D	4	N	4	1800	50	40	65	600	60	50	80	40
			(C) 65	D	D	4	N	4	1800	50	40	65	600	60	50	80	40
									132	80				100		80	
NEW BRUNSWICK																	
NO ELECTRIC POWER COMM																	
GRAND MANAN	44 41	66 46	(C) 47	D	D	2	N	4	300	300	200	47	600	60	250	80	200
			(C) 57	D	D	2	N	5	300	375	250	57	2400	60	312	80	250
			(C) 63	D	D	4	Y	8	720	1008	700	63	2400	60	875	80	700
			(C) 65	D	D	4	Y	6	720	756	503	65	2400	60	629	80	503
			(C) 66	D	D	4	Y	8	720	1008	712	66	2400	60	890	80	712
												3,447	2,365				2,956



COMPANY NAME PLANT NAME	INTERNAL COMBUSTION		X		PRIME MOVERS							X		MAIN GENERATORS					X
	CO ORDINATES LAT	LONG	YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VCLTS	FREQ	KVA	POWER FACTOR	KW		
NATASHQUAN (CONCL'D)			(A) 68					8	1200	550		68	2400	60	438	80	390		
			(A) 68					6	1800	300		68	600	60	312	80	290		
									1,462						1,250		1,000		
PARENT	47 55	76 37	64	D	D	4		7	600	560		64	2300	60	438	80	390		
			(D) 67									67			375	80	300		
			(A) 68		D				1200	450		68	2400	60	375	80	300		
			(A) 68		D				1200	570		68	2400	60	438	80	390		
									1,560						1,251		1,000		
TETE A LA BALEINE (A)	50 42	59 19	68		D			3	1800	60		68	240	60	60	80	50		
			68		D			3	1800	60		68	240	60	60	80	50		
									120						120		100		
VAL BARETTE (D)	46 30	75 22	63	D	D	4	Y	6	1200	253	160	63	50	60	220	80	175		
			64	D	D	4	Y	6	1200	190	125	64	50	60	156	80	125		
CONIAGAS MINES LTD																			
DESMARAISSVILLE (D)																			
			60	D	D	4	Y	6	1800	236	136	60	550	60	170	80	136		
			60	D	D	4	Y	6	1800	236	136	60	550	60	170	80	136		
			60	D	D	4	Y	6	1800	236	136	60	550	60	170	80	136		
			61	D	D	4	Y	6	1800	236	136	61	550	60	170	80	136		
			61	D	D	4	Y	6	1800	236	136	61	550	60	170	80	136		
			61	D	D	4	Y	6	1800	236	136	61	550	60	170	80	136		
			62	D	D	4	Y	6	1800	236	136	62	550	60	170	80	136		
			62	D	D	4	Y	6	1800	236	136	62	550	60	170	80	136		
			62	D	D	4	Y	6	1800	236	136	62	550	60	170	80	136		
			62	D	D	4	Y	6	1800	236	136	62	550	60	170	80	136		
			62	D	D	4	Y	6	1800	236	136	62	550	60	170	80	136		
			63	D	D	4	Y	6	1800	236	136	63	550	60	170	80	136		
			63	D	D	4	Y	6	1800	263	152	63	550	60	190	80	152		
			64	D	D	4	Y	6	1800	236	136	64	550	60	170	80	136		
CONSOLIDATED-BATHURST LTD																			
PORT MENIER																			
	42 49	64 20	46	D	D	4	Y	6	1200	150	68	46	2300	60	85	80	68		
			46	D	D	4	Y	6	1200	150	68	46	2300	60	85	80	68		
			46	D	D	4	Y	6	1200	150	68	46	2300	60	85	80	68		
			52	D	U	4	Y	6	1200	150	68	52	2300	60	85	80	68		
			61	D	D	4	N	6	1200	190	100	61	600	60	125	80	100		
			(A) 68	D	D	4	N	6	1250	200	150	68	600	60	125	80	100		
									990		522				590		472		
HART-JAUNE POWER CO																			
LAC JEANNINE (D)																			
			60	D	D	2	Y	16	720	1440	1000	60	4160	60	1250	80	1000		
			60	D	D	2	Y	16	720	1440	1000	60	4160	60	1250	80	1000		
PORT AND TERMINAL (D)																			
			60	D	D	2	Y	16	720	1440	1000	60	4160	60	1250	80	1000		
			60	D	D	2	Y	16	720	1440	1000	60	4160	60	1250	80	1000		

	INTERNAL COMBUSTION	X	PRIME MOVERS	X	MAIN GENERATORS	X									
COMPANY NAME	COORDINATES		SUPER NO OF												
PLANT NAME	LAT	LONG	YEAR	TYPE	FUEL CYCLE	CHARGED CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW

ONTARIO

NORTHERN CANADA POWER COMMISSION

MOOSE FACTORY	51 16	80 37														
			D	D	4	N	8	1200	540	350		600	60	438	80	350
			D	C	4	N	8	1200	310	200		600	60	250	80	200
			H	D	4	N	6	1200	147	100		550	60	125	80	100
	(A)	68	D	D	4	Y	H	600	480		68	4160	60	312	80	250
	(A)	68	D	D	4	Y	S	600	396		68	4160	60	250	80	200
	(A)	68	D	D	4	Y	S	600	396		68	4160	60	250	80	200
								2,269						1,625		1,300

MANITOBA

CANADIAN NATIONAL RAILWAY CO

GILLAM (D)	56 21	94 43															
			57	D	D	4	N	4	1200	119	75	57	2400	60	94	80	75

MANITOBA HYDRO

FORT CHURCHILL (C) (THIS PLANT ACQUIRED FROM THE FEDERAL GOVERNMENT D.P.W.)	58 45	94 10															
			49	D	D	2	N	6	300	450	300	49	2400	60	375	80	300
			49	D	D	2	N	6	300	450	300	49	2400	60	375	80	300
	(C)	49	D	D	2	N	4	300	300	200	49	2400	60	250	80	200	
		49	D	D	2	N	4	300	300	200	49	2400	60	250	80	200	
		49	D	D	2	N	4	300	300	200	49	2400	60	250	80	200	
	(C)	49	D	D	2	N	6	300	450	300	49	2400	60	375	80	300	
		49	D	D	2	N	6	300	450	300	49	2400	60	375	80	300	
	(C)	53	D	D	2	N	10	720	1600	1140	53	4160	60	1420	80	1140	
	(C)	54	D	D	2	N	10	720	1600	1140	54	4160	60	1420	80	1140	
	(C)	63	D	D	2	N	10	720	1600	1140	63	4160	60	1420	80	1140	
	(A)	68	D	D	2	Y	20	900	3350	2500	68	4160	60	3150	80	2500	
								10,850		7,720				9,660		7,720	

GARDEN HILL (A)	53 50	94 40															
			67	D	D	2	Y	6	1200	243	150	67	240	60	187	80	150
			67	D	D	2	Y	6	1200	243	150	67	240	60	187	80	150
								486		300				374		300	

THE PAS	53 50	101 15															
			48	D	D	4	N	6	360	582	400	48	2300	60	500	80	400
			54	D	D	2	Y	16	720	1440	1000	54	2400	60	1250	80	1000
			58	D	D	2	Y	16	720	1440	1000	58	2400	60	1250	80	1000
			59	D	D	4	Y	12	720	1092	750	59	2400	60	964	80	750
	(D)	61	D	D	2	Y	16	720	1440	1000	61	2400	60	1250	80	1000	
		61	D	D	2	Y	16	720	1440	1000	61	2400	60	1250	80	1000	
		62	D	D	2	Y	16	720	1570	1100	62	2400	60	1375	80	1100	
								7,564		5,250				6,589		5,250	

SASKATCHEWAN

CUMBERLAND HOUSE POWER CO-OP

CUMBERLAND HOUSE (D)	53 58	102 16															
			64	D	D	4	N	6	1200	85	62	64	2400	60	62	90	50
			64	D	D	4	N	6	1200	80	35	64	2400	60	100	85	85
			65	D	D	4	Y	6	1200	124	94	65	2300	60	96	80	75

COMPANY NAME PLANT NAME	INTERNAL COMBUSTION		PRIME MOVERS							PAIR GENERATORS							
	C.O. ORDNATES LAT	LONG	YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW
SASKATCHEWAN POWER CORP																	
LA RONCE	55 06	105 17															
	(D) 53	D D	4	N	2			300	80	50	53	2300	60	63	80	50	
	(D) 54	D D	4	N	5			900	87	50	54	2300	60	63	80	70	
	55	D D	4	N	8			900	153	100	55	2300	60	125	80	100	
	58	D D	2	N	16			720	1440	1000	58	2400	60	1250	80	1000	
	59	D D	4	N	8			600	160	100	59	2400	60	125	80	100	
	60	D D	4	N	6			400	505	350	60	2300	60	438	80	350	
	(A) 68	D D	4	Y	12			1200	535	400	68	4000	60	500	80	400	
								2,793		1,950				2,438		1,950	
ALBERTA																	
CANADIAN UTILITIES LTD																	
FORT CHIPEWYAN	58 43	111 09															
	59	D D	4	N	6			1200	100	75	59	2300	60	93	80	75	
	61	D D	4	N	6			1200	100	75	61	2300	60	73	80	75	
	63	D D	4	Y	6			1200	200	150	63	2400	60	188	80	150	
	(D) 65	D D	4	N	6			900	138	75	65	2400	60	100	75	75	
	(D) 67	D D	4	Y	12			1800	402	300	67	480	60	375	80	300	
	(A) 68	D D	4	Y	12			1200	470	350	68	2400	60	438	80	450	
								870		650				812		650	
FORT MC MURRAY	56 46	111 23															
	(D) 57	D D	4	Y	8			1200	325	225	57	2400	60	290	80	225	
	64	D D	4	Y	8			700	900	500	64	2300	60	625	80	500	
	(D) 64	D D	4	Y	12			1200	470	350	64	2400	60	438	80	350	
	(D) 64	D D	4	N	3			300	225	150	64	2400	60	185	80	150	
	66	D D	4	Y	12			1200	670	500	66	2400	60	625	80	500	
	66	D D	4	Y	8			327	1715	1200	66	2400	60	1500	80	1200	
	66	D D	4	Y	8			327	1715	1200	66	2400	60	1500	80	1200	
	(A) 68	D D	4	Y	16			327	3700	2500	68	2400	60	3125	80	2500	
	67	D D	4	Y	12			1200	711	500	67	2400	60	625	80	500	
	(A) 68	D D	4	Y	6			450	940	650	68	2300	60	813	80	650	
	(A) 68	D D	4	Y	8			700	900	500	68	2400	60	625	80	500	
								11,251		7,550				9,439		7,550	
GRANDE PRAIRIE (D)	55 10	118 48															
	48	D D	4	Y	6			400	840	600	48	2300	60	750	80	600	
	50	D D	4	Y	8			360	1050	800	50	2300	60	1050	80	800	
	55	S G	4	Y	16			327	3700	2500	55	2400	60	3125	80	2500	
MCINTYRE (A)	53 56	118 30															
	68	D D	2	Y	4			720	960	650	68	2400	60	843	80	650	
	68	D D	4	N	6			900	109	75	68	2400	60	100	75	75	
	68	D D	4	N	6			900	109	75	68	2400	60	93	80	75	
								1,178		800				1,036		800	
SMOKY RIVER (C) (THIS PLANT ACQUIRED FROM CALGARY POWER LTD.)	66	D D	4	N	6			900	100	75	66	208	60	100	75	75	
	66	D D	4	N	6			900	100	75	66	2400	60	100	75	75	
	66	D D	2	N	6			720	960	716	66	2400	60	843	80	675	
								1,160		866				1,043		825	

COMPANY NAME PLANT NAME	INTERNAL COMBUSTION		PRIME MOVERS						MAIN GENERATORS									
	COORDINATES LAT LONG		YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW	
IMPERIAL OIL LTD																		
REDWATER PLANT (A)	53 57 113 10		58	S	G	4	N	8	650	285	200	58	440	60	750	80	200	
			58	S	G	4	N	8	650	285	200	58	440	60	750	80	200	
											570	400			500	400		
NORTHLAND UTILITIES LTD																		
ATIKAMEG	55 56 115 39		63	D	D	4	N	6	900	100	75	63	550	60	75	80	75	
			(D)	64	D	D	4	N	4	900	92	50	64	120	60	62	80	50
			(A)	69	D	D	4	Y	4	1800	70	40	68	120	60	50	80	40
								170	115			145	115					
ASSUMPTION (D)	58 43 118 43		67	D	D	4	N	6	900	138	75	67	440	60	94	80	75	
			67	D	D	4	N	6	900	109	75	67	440	60	106	80	75	
			67	D	D	4	N	6	900	128	75	67	550	60	94	80	75	
BOYER RIVER (D)	58 10 117 17		64	D	D	4	N	3	1200	13	10	64	240	60	12	80	10	
HIGH LEVEL (D)	58 28 117 08		67	D	D	4	Y	12	1200	810	600	67	2400	60	750	80	600	
			67	D	D	4	Y	12	1200	810	600	67	2400	60	750	80	600	
			64	D	D	4	Y	12	1200	470	500	65	2400	60	625	80	500	
			66	D	D	4	Y	12	1200	810	500	66	2400	60	625	80	500	
JASPER	52 33 118 05		61	D	D	2	N	6	300	450	300	51	2400	60	375	80	300	
			63	D	D	2	Y	6	400	690	475	53	2400	60	542	80	475	
			67	S	U	4	Y	8	514	1720	1200	57	2400	60	1500	80	1200	
			64	S	D	4	Y	8	514	700	500	64	4000	60	625	80	500	
			67	D	D	4	Y	4	1800	70	40	67	2300	60	1080	80	850	
			(A)	63	D	D	4	Y	12	1200	670	590	68	2400	60	625	80	500
								4,900	3,015			4,797	3,825					
JEAN D OR PRAIRIE	58 23 115 04		(D)	65	D	D	4	N	4	1200	27	20	66	120	60	31	80	20
			(D)	66	D	D	4	N	3	1200	27	20	66	120	60	25	80	20
			67	D	D	4	Y	4	1800	70	40	67	120	60	50	80	40	
			(A)	68	D	D	4	Y	4	1800	68	40	68	120	60	50	80	40
								138	80			100	80					
RAINBOW (D)	58 30 119 29		66	D	D	4	Y	12	1200	670	500	66	2400	60	625	80	500	
			66	D	D	4	Y	12	1200	670	500	66	2400	60	625	80	500	
			67	D	D	4	Y	12	1200	711	500	67	2400	60	625	80	500	
WABASCA	56 00 113 53		58	D	D	4	N	6	1200	146	100	58	2400	60	125	80	100	
			(D)	58	D	D	4	N	6	1200	184	170	58	2400	60	125	80	100
			67	D	D	4	N	6	1200	335	250	67	480	60	312	80	250	
			(A)	68	D	D	4	Y	12	1800	402	300	68	480	60	375	80	300
								883	650			812	650					

COMPANY NAME PLANT NAME	INTERNAL COMBUSTION		PRIME MOVERS								MAIN GENERATORS							
	COORDINATES LAT LONG		YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW	
ZAMA (A)	58 48 119 08		68	D	D	4	Y	12	1200	670	500	68	2400	60	625	80	600	
			68	D	D	4	Y	12	1200	810	600	68	2400	60	750	80	600	
			68	D	D	4	Y	12	1200	810	600	68	2400	60	750	80	600	
			68	D	D	4	N	6	900	109	75	68	220	60	106	80	75	
			68	D	D	4	N	6	900	128	75	68	550	60	93	80	75	
										2,527	1,850			2,324	1,850			
PAN AMERICAN PETROLEUM CORPORATION																		
ANTE CREEK (A)	54 40 117 25		68	S	G	4	N	6	1700	210	100	68	480	60	125	80	100	
			68	S	G	4	N	6	1700	210	100	68	480	60	125	80	100	
										420	200			250	200			
BIGSTONE (A)	54 18 117 15		67	S	G	4	Y	12	900	690	400	67	480	60	500	80	400	
			67	S	G	4	Y	12	900	690	400	67	480	60	500	80	400	
			67	S	G	4	Y	12	900	690	400	67	480	60	500	80	400	
			67	S	G	4	Y	12	900	690	400	67	480	60	500	80	400	
										2,760	1,600			2,000	1,600			
BRITISH COLUMBIA																		
BC HYDRO AND POWER AUTHORITY																		
BELLA COOLA	52 22 126 46		55	D	D	4	N	8	900	180	100	55	2400	60	125	80	100	
			(D)	55	D	D	4	N	8	900	190	100	55	2400	60	125	80	100
			56	D	D	4	N	8	900	146	100	56	2400	60	120	80	96	
			57	D	D	4	N	12	1200	425	300	57	2400	60	326	80	261	
			63	D	D	4	Y	8	1200	560	350	63	2400	60	438	80	350	
			(A)	68	D	D	4	Y	12	1200	850	500	68	2400	60	625	80	500
										2,161	1,350			1,634	1,307			
FORT NELSON	58 49 122 33		55	S	G	4	Y	8	514	1410	1000	55	2400	60	1250	80	1000	
			60	D	D	4	Y	12	1200	475	300	60	2400	60	326	80	261	
			60	S	DG	4	Y	6	450	845	600	60	2300	60	750	80	600	
			60	S	DG	4	Y	8	514	1690	1200	60	2400	60	1500	80	1200	
			(D)	60	S	U	4	Y	6	1200	150	100	60	2400	60	125	80	100
										4,440	3,100			3,826	3,061			
MASSET (A) (THIS PLANT ACQUIRED FROM C. MARTIN UTILITIES LTD.)	54 01 132 07		55	D	D	4	N	8	900	180	100	55	2400	60	125	80	100	
			68	D	D	4	N	6	1200	184	120	68	2300	60	154	80	120	
			68	D	D	4	Y	6	1200	405	250	68	2400	60	312	80	250	
										769	470			593	470			
MICA	51 58 118 34		65	D	D	4	Y	6	720	960	675	65	2400	60	843	80	675	
			65	D	D	4	Y	8	514	1410	1000	65	2400	60	1250	80	1000	
			65	D	D	4	Y	8	514	1410	1000	65	2400	60	1250	80	1000	
			65	D	D	4	Y	16	327	3700	2500	65	2400	60	3125	80	2500	
			(A)	57	D	D	4	Y	16	327	4210	3000	57	6900	60	3750	80	3000
			(A)	57	D	D	4	Y	16	327	4210	3000	57	6900	60	3750	80	3000
										15,900	11,175			13,968	11,175			
PORT CLEMENTS (A)	53 41 132 12			D	D	4	N	6	1800	248	150		240	60	187	80	150	
			68	D	D	4	N	6	900	146	100	68	440	60	113	80	100	
			68	D	D	4	N	8	900	146	100	68	2400	60	120	80	100	
										540	350			420	350			



COMPANY NAME PLANT NAME CASSIAR CONCL'D	INTERNAL COMBUSTION		PRIME MOVERS							MAIN GENERATORS							
	CO ORDINATES LAT LONG		YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW
			53	D	D	4	Y	7	514	566	350	53	2300	60	438	80	350
			54	D	D	4	Y	8	514	648	450	54	2300	60	562	80	450
			58	D	D	4	N	7	400	504	350	58	2300	60	438	80	350
			59	D	D	4	N	6	400	432	300	58	2300	60	375	80	300
			61	D	D	4	Y	8	600	940	650	61	2400	60	812	80	650
			64	D	D	4	Y	5	450	1500	1200	64	2400	60	1500	80	1200
			67	D	D	4	Y	8	514	1450	900	67	2400	60	1125	80	900
			(A) 68	D	D	4	Y	12	1200	950	500	68	2400	60	625	80	500
									7,907		5,100				6,625		5,300
JEDWAY IRON ORE CO LTD																	
JEDWAY (D)	52	17	131	15													
			62	D	D	4	N	8	600	1600	1000	62	2400	60	1250	80	1000
			62	D	D	4	N	8	600	1600	1000	62	2400	60	1250	80	1000
			62	D	D	4	N	8	600	1600	1000	62	2400	60	1250	80	1000
			61	D	D	4	Y	6	1800	400	300	62	2400	60	241	80	225
WESFRDB MINES LTD																	
TASU	52	46	132	00													
			(C) 67	D	DR	4	Y	12	450	3300	2210	67	4160	60	2770	80	2210
			(C) 67	D	DR	4	Y	12	450	3300	2210	67	4160	60	2770	80	2210
			(C) 67	D	DR	4	Y	12	450	3300	2210	67	4160	60	2770	80	2210
			(C) 67	D	DR	4	Y	12	450	3300	2210	67	4160	60	2770	80	2210
			(C) 67	D	DR	4	Y	12	450	3300	2210	67	4160	60	2770	80	2210
									16,500		11,050				13,850		11,050
WEST KOOTENAY POWER & LIGHT CO LTD																	
SOUTH SLOCAN (C) (FORMERLY KNOWN AS KASLO)	49	27	117	30													
			63	S	D	2	Y	4	1600	260	104	63	460	60	250	80	200
									360		104				250		200
ZEBALLOS IRON MINES LTD																	
ZEBALLOS MINES	49	49	126	50													
			(D) 64	D	D	4	Y	12	1800	600	300	64	480	60	375	80	300
			(D) 66	D	D	4	Y	12	1800	600	300	64	480	60	375	80	300
			(D) 64	D	D	4	Y	16	720	1800	1000	64	480	60	1250	80	1000
			(A) 68	S	D	4	Y	8	1200	290	200	68	480	60	250	80	200
			(A) 68	S	D	4	Y	8	1200	290	200	68	480	60	250	80	200
			(A) 68	D	D	4	Y	12	1200	1000	750	68	480	60	1250	80	1000
									1,580		1,150				1,750		1,400
NORTH WEST TERRITORY																	
ECHO BAY MINES LTD																	
PORT RADIIUM (A)	61	30	118	00													
			D	D	4	Y	6	1200	375	250		550	60	313	80	250	
			D	D	4	N	6	400	300	250		575	60	250	80	200	
			D	D	4	N	12	1800	450	250		600	60	250	80	200	
			D	D	4	Y	6	1200	375	250		550	60	313	80	250	
			D	D	4	N	12	1800	450	250		600	60	250	80	200	
			D	D	4	Y	12	1800	750	500		600	60	625	80	500	
			D	D	4	Y	12	1200	665	500		7300	60	625	80	500	
									3,365		2,250				2,626		2,100

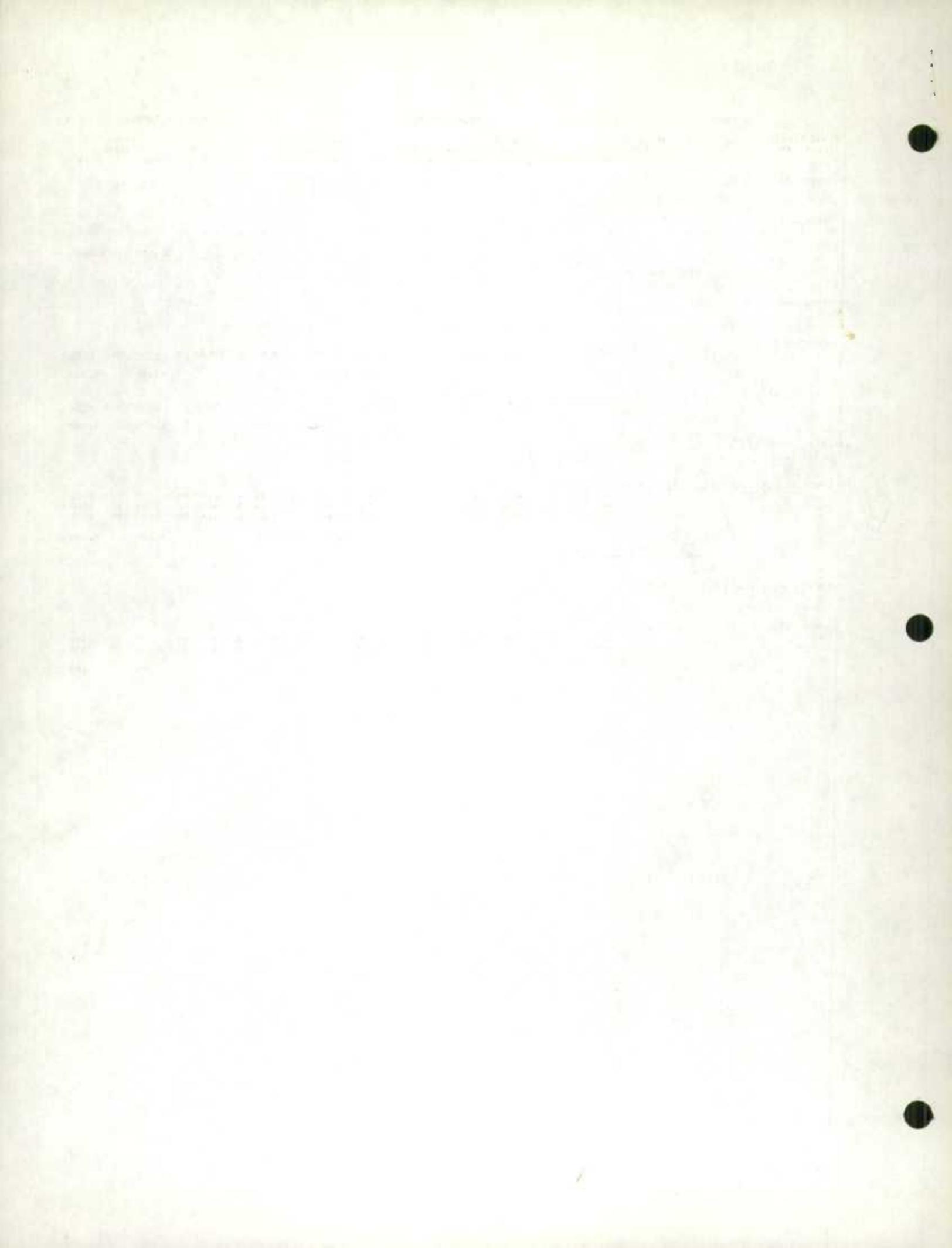
COMPANY NAME PLANT NAME	INTERNAL COMBUSTION		PRIME MOVERS							MAIN GENERATORS								
	COORDINATES LAT LONG		YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW	
IMPERIAL OIL LTD																		
NORMAN WELLS	65 17 126 51																	
			45	D	U	4	N	6	1200	170	74	43	220	60	92	80	74	
			45	D	O	4	N	6	1200	170	74	43	220	60	92	80	74	
			45	D	U	4	N	6	1200	170	74	43	220	60	92	80	74	
			45	D	D	4	N	6	1200	170	74	43	220	60	92	80	74	
			61	D	D	4	N	6	1200	120	75	61	220	60	94	80	75	
			(D) 67	D	D	4	Y	12	1200	625	300	67	230	60	375	80	300	
										600		371			462		371	
NORTHERN CANADA POWER COMM																		
AKLAVIK	68 14 135 01																	
			53	D	D	4	N	5	500	300	200	53	220	60	250	80	200	
			53	D	D	2	Y			300	200	53	220	60	250	80	200	
			53	D	D	4	N	6	1350	40	30	53	220	60	38	80	30	
			54	D	D	4	N	6	1350	40	30	53	220	60	25	90	23	
			54	D	D	4	Y	4	1800	100	60	53	220	60	75	80	60	
			(A) 68	D	D	4	Y	8	600	480		68	550	60	312	80	250	
										1,260						950		763
BAKER LAKE (A)	64 15 95 45																	
			68	D	D	4	N	6	1200	240		68	600	60	156	80	125	
			68	D	D	4	N	6	1200	240		68	600	60	156	80	125	
			68	D	O	4	N	6	600	288		68	600	60	250	80	200	
			68	D	D	4	N	6	600	288		68	600	60	250	80	200	
										1,056						812		650
CHESTERFIELD INLET (A)	63 30 90 40																	
			68	D	D	4	Y	8	1800	262		68	575	60	188	80	150	
			68	D	D	4	Y	8	1800	262		68	600	60	188	80	150	
			68	D	D	4	N	6	1800	140		68	240	60	125	80	100	
										664						501		400
FORT RESOLUTION	61 11 413 61																	
			60	D	O	4	N	6	1200	170	75	60	4160	60	74	80	75	
			(D) 60	D	O	4	N	3	600	156	100	60	4160	60	126	80	100	
			60	D	O	4	N	5	600	227	156	60	4160	60	195	80	156	
										347		231			290		231	
FORT SMITH	60 00 111 53																	
			(D) 55	D	O	4	Y	6	600	405	280	55	4160	60	350	80	280	
			57	D	O	4	Y	8	720	866	600	57	4160	60	750	80	600	
			62	D	O	2	N	5	300	575	400	62	4160	60	490	80	392	
			64	D	D	4	Y	12	720	1368	960	64	4160	60	1200	80	960	
										2,809		1,960			2,440		1,952	
NORTHLAND UTILITIES LTD																		
FORT PROVIDENCE	61 21 117 39																	
			(D) 61	D	O	4	N	6	900	109	75	63	220	60	106	80	75	
			(D) 64	D	D	4	N	6	900	128	75	64	550	60	94	80	75	
			(A) 68	D	D	4	N	8	900	139	90	68	2400	60	112	80	90	
			(A) 68	D	D	4	N	8	900	139	90	68	2400	60	112	80	90	
			(A) 68	D	D	4	Y	8	1200	325	225	68	2400	60	280	80	225	
										603		405			504		405	

COMPANY NAME PLANT NAME	INTERNAL COMBUSTION		PRIME MOVERS								MAIN GENERATORS								
	COORDINATES LAT LONG		YEAR	TYPE	FUEL	CYCLE	SUPER	NO OF	CHARGED	CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW
MAY RIVER	60 51 115 44																		
		59	D	D	4	N	8			750	900	500	66	2400	60	625	80	500	
	(D)	62	D	D	4	N	6			450	325	275	62	2400	60	344	80	275	
	(D)	62	D	D	4	N	8			514	480	300	62	550	60	375	80	300	
		62	S	D	4	Y	8			450	940	650	62	2400	60	813	80	650	
	(D)	65	D	D	4	N	6			1200	335	250	65	2400	60	312	80	250	
		66	D	D	4	Y	12			1200	711	500	59	2300	60	625	80	500	
	(A)	68	D	D	4	Y	12			1200	670	500	68	2400	60	625	80	500	
	(A)	68	D	D	4	N	16			1200	667	350	68	2400	60	437	80	350	
	(A)	68	D	D	4	N	16			1200	667	350	68	2400	60	437	80	350	
										4,555		2,850				1,562		2,850	
YUKON																			
CASSIAR ASBESTOS CORPORATION LTD																			
CLINTON CREEK (A)																			
		67	D	D	4	Y	9			514	1975	1400	67	4160	60	1750	80	1400	
		67	D	D	4	Y	9			514	1975	1400	67	4160	60	1750	80	1400	
		67	D	D	4	Y	9			514	1975	1400	67	4160	60	1750	80	1400	
		67	D	D	4	Y	9			514	1975	1400	67	4160	60	1750	80	1400	
									7,900		5,600				7,000		5,600		
NORTHERN CANADA POWER COMM																			
WHITEHORSE (A)	60 40 135 00																		
		68	D	D	4	Y	12			514	5480		68	6900	60	4900	80	3920	
		68	D	D	4	Y	16			514	7180		68	6900	60	6438	80	5150	
									12,660						11,338		9,070		
YUKON ELECTRICAL CO LTD																			
CARMACKS	62 06 136 19																		
	(D)	66	D	D	4	Y	6			1800	150	100	66	2400	60	125	80	100	
		67	D	D	4	Y	6			1800	319	200	67	2400	60	250	80	200	
	(A)	68	D	D	4	Y	6			1200	330	250	68	2400	60	313	80	250	
									647		450				563		450		
PELLY RIVER CROSSING	62 50 136 34																		
	(D)	66	D	D	4	Y	4			1800	55	40	66	120	60	50	80	40	
		66	D	D	4	Y	4			1800	55	40	66	120	60	50	80	40	
(A)	68	D	D	4	Y	4			1800	100	60	68	2400	60	75	80	60		
									155		100				125		100		
ROSS RIVER	62 00 132 27																		
	(D)	66	D	D	4	Y	4			1800	118	60	66	120	60	94	80	60	
		67	D	D	4	Y	6			1800	270	100	67	2400	60	125	80	100	
	67	D	D	4	Y	6			1800	319	200	67	2300	60	250	80	200		
									589		300				375		300		
STEWART CROSSING	63 19 139 26																		
	(D)	65	D	D	4	Y	4			1800	100	60	65	2400	60	75	80	60	
		65	D	D	4	Y	4			1800	100	60	65	2400	60	75	80	60	
(A)	68	D	D	4	Y	4			1800	55	40	68	125	60	50	80	40		
									155		100				200		100		
VENUS MINES (A)																			
		68	D	D	4	Y	12			1200	482	350	68	2400	60	438	80	350	
		68	D	D	4	Y	6			1800	150	100	68	2400	60	125	80	100	
									632		450				563		450		

COMPANY NAME PLANT NAME	INTERNAL COMBUSTION		PRIME MOVERS								MAIN GENERATORS						
	LAT	LONG	YEAR	TYPE	FUEL	CYCLE	SUPER CHARGED	NO OF CYLINDERS	RPM	HP	KW	YEAR	VOLTS	FREQ	KVA	POWER FACTOR	KW
WATSON LAKE	60 07 128	48															
	(D) 59	0 0	4	N				6	900	159	100	59	480	60	125	80	100
	(D) 59	0 0	4	N				6	900	159	100	59	480	60	125	80	100
	59	0 0	4	Y				12	1200	470	300	59	2400	60	375	80	300
	(D) 60	0 0	4	Y				12	1200	482	350	60	2400	60	433	80	350
	67	0 0	4	Y				12	1200	528	350	67	2400	60	439	80	350
	67	0 0	4	N				8	900	170	90	67	2400	60	117	80	90
	(A) 67	0 0	4	N				8	900	170	90	67	2400	60	117	80	90
										600	67	2400	60	750	80	600	
									1,236		1,430				1,786		1,640
WHITEHORSE (A)	60 43 135	03															
	68	0 0	4	Y				12	1200	810	600	68	2400	60	750	80	600
	68	0 0	4	Y				12	1200	810	600	68	2400	60	750	80	600
	68	0 0	4	Y				12	1200	810	600	68	2400	60	750	80	600
										2,430		1,800			2,250		1,650

COMPANY NAME PLANT NAME	GAS TURBINE		X	MAIN TURBINES					X	MAIN GENERATORS											
	CO ORDINATES LAT LONG			FUEL	TURBINE INLET TEMP F	PRESSURE RATIO	SHAFTS NO	RPM		KW CAPACITY AT AMBIENT		COEL -ANT	FREQ	POWER FACTORS							
	YEAR	CYCLE						0 F	HO F	YEAR	VOLTS	KVA									
NEWFOUNDLAND																					
NEWFOUNDLAND LIGHT & POWER CO																					
SALT POND (A)	47 10	55 13		68	G	S	932	17/1	1		5000	15500	13000	68	A	13800	60	17700	80	14150	
											15,500		13,000					17,700		14,150	
ONTARIO																					
HYDRO-ELECTRIC POWER COMM OF ONTARIO																					
DETWEILER	43 43	80 33		(C)	67	D	S	1450	6.9/1	1	4912	19500	14250	67	A	13800	60	19200	85	16320	
				(C)	67	D	S	1450	6.9/1	1	4912	19500	14250	67	A	13800	60	19200	85	16320	
				(C)	67	D	S	1450	6.9/1	1	4912	19500	14250	67	A	13800	60	19200	85	16320	
				(C)	67	D	S	1450	6.9/1	1	4912	19500	14250	67	A	13800	60	19200	85	16320	
											78,000		57,000					76,800		65,280	
THUNDER BAY (A)	48 22	89 13		68	D	S	1165	10/1	2	4900	14620	11000	68	A	4160	60	16650	85	14150		
				68	D	S	1165	10/1	2	4900	14620	11000	68	A	4160	60	16650	85	14150		
											29,240		22,000					33,300		28,300	
MANITOBA																					
MANITOBA HYDRO																					
SELMIRK	50 09	96 52		67	K	S	1060	2.4/1	2	6200	10000	12260	9500	67	A	4160	60	14000	85	11900	
				(A)	68	K	S	1060	2.4	2	6200	10000	12260	9500	68	A	4160	60	14000	85	11900
											24,520		19,000					28,000		23,800	
SASKATCHEWAN																					
SASKATCHEWAN POWER CORP																					
REGINA	50 25	104 39		(C)	60	G	S	1450	65/1	1		3600	23000	18000	60	A	14400	60	29200	80	23360
												23,000		18,000				29,200		23,360	
SUCCESS	50 26	108 17		67	G	S	1150	2.7/1	2		9200	15000	9500	67	A	13800	60	14800	80	11840	
				67	G	S	1150	2.7/1	2	9200		15000	9500	67	A	13800	60	14800	80	11840	
				(A)	68	G	S	1150	2.7/1	2		9200	15000	9500	67	A	13800	60	14800	80	11840
											45,000		28,500					44,400		35,520	
ALBERTA																					
ALBERTA D.P.W.																					
SOUTH POWER PLANT (C) (FORMERLY KNOWN AS EDMONTON)	53 35	113 28		60	G	R	1427	5/1	2	7000	8000	2860	2680	60	A	4160	60	2750	80	2100	
												2,860		2,680				2,750		2,100	

COMPANY NAME PLANT NAME	GAS TURBINE		X	MAIN TURBINES					X	MAIN GENERATORS					X			
	COORDINATES			FUEL	TURBINE	PRESSURE	SHAFTS	KW CAPACITY		COOL	FRFO	POWER						
	LAT	LONG	YEAR	INLET	RATIO	NO	RPM	AT AMBIENT	-ANT	VOLTS	KVA	FACTOR	KW					
CANADIAN UTILITIES LTD																		
RAINBOW (C) (THIS UNIT FORMERLY SITUATED AT VERMILION)	58 30	110 30	60	G	S	1350	6.1	1	3600	21000	60	A	1380	60	32000	90	30000	
										21,000			32,000		30,000			
BRITISH COLUMBIA																		
BC HYDRO AND POWER AUTHORITY																		
MOBILE UNIT 99			(C) 67	GO	S	1400	3.4/1	2	7500	7500	5000	67	A	12500	60	<u>6250</u>	80	<u>5000</u>
										7,500	5,000				6,250		5,000	
MOBILE UNIT 100			(C) 67	GO	S	1400	3.4/1	2	7500	7500	5000	67	A	4160	60	<u>6250</u>	80	<u>5000</u>
										7,500	5,000				6,250		5,000	
IMPERIAL OIL LTD																		
BOUNDARY LAKE (A)	56 20	120 00																
			64	G	S	1400	4.1	1	1300	0 1600	1050	64	A	4160	60	1875	80	1500
			64	G	S	1400	4.1	1	1300	0 1600	1050	64	A	4160	60	1875	80	1500
			65	G	S	1400	4.1	1	1300	0 1600	1050	64	A	4160	60	1875	80	1500
										4,800	3,150				5,625		4,500	
NORTH WEST TERRITORY																		
NORTHERN CANADA POWER CO																		
NORMAN WELLS (A)	65 20	127 02																
			68		S	80	4/1	1	19800	350	68	A	4160	60	438	80	350	
			68		S	80	4/1	1	19800	350	68	A	4160	60	438	80	350	
											700				876		700	



COMPANY NAME PLANT NAME	CO ORDINATES		MAIN TURBINES					MAIN GENERATORS										
	LAT	LONG	FUFL YEAR	INLET CYCLE	TEMP F	PRESSURE RATIO	SHAFTS NO	RPM	KW CAPACITY AT AMBIENT	COOL -ANT	FRFO VOLTS	POWER FACTOR	KVA	KW				
CANADIAN UTILITIES LTD																		
RAINBOW (C) (THIS UNIT FORMERLY SITUATED AT VERMILION)	58 30	119 30	60	G	S	1350	4.1	1	3600	21000	60	A	1380	60	32000	80	10000	
									21,000				32,000		30,000			
BRITISH COLUMBIA																		
BC HYDRO AND POWER AUTHORITY																		
MOBILE UNIT 99	(C)	67 60	S		1400	3.471	2	7500	7500	5000	67	A	12500	60	5250	80	5000	
									7,500	5,000			6,250		5,000			
MOBILE UNIT 100	(C)	67 60	S		1400	3.471	2	7500	7500	5000	67	A	4160	60	6250	80	5000	
									7,500	5,000			6,250		5,000			
SYPRIAL OIL LTD																		
BOUNDARY LAKE (A)	56 20	120 00	84	G	S	1400	4.1	1	1300	0 1600	1050	64	A	4160	60	1875	80	1500
			86	G	S	1400	4.1	1	1300	0 1600	1050	64	A	4160	60	1875	80	1500
			85	G	S	1400	4.1	1	1300	0 1600	1050	64	A	4160	60	1875	80	1500
									4,800	3,150			5,625		4,500			
NORTH WEST TERRITORY																		
NORTHERN CANADA POWER CO																		
NORMAN WELLS (A)	65 20	127 02	78		S	80	4.71	1	14800	350	68	A	4160	60	438	80	350	
			80		S	80	4.71	1	19800	350	68	A	4160	60	438	80	350	
										700			875		700			

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