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INVENTORY OF PRIME MOVER AND ELECTRIC GENERATING EQUIPMENT AS AT DECEMBER 31, 1958

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INVENTORY OF PRIME MOVER AND ELECTRIC GENERATING EQUIPMENT AS AT DECEMBER 31, 1958

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SYMBOLS

The interpretation of the symbols and abbreviations used in the tables throughout this publication is as follows:

.. figures not available.

... figures not appropriate or not applicable.

— nil or zero.

* figures not reported, but estimated at the Dominion Bureau of Statistics.

DC in frequency column, indicates Direct Current equipment.

R following date of manufacture indicates unit of equipment rebuilt at that date and name in manufacturer column is that of the rebuilder.

INVENTORY OF PRIME MOVER AND ELECTRIC GENERATING EQUIPMENT AS AT DECEMBER 31, 1958

INTRODUCTION

This Inventory of Prime Mover and Generating Equipment is the result of a survey conducted by the Dominion Bureau of Statistics with the co-operation of the Canadian Electrical Association and various federal government departments. The report consists of a detailed listing of prime mover and generating equipment installed as at December 31, 1958 in electric generating plants having in the case of internal combustion plants an installed generating capacity of not less than 200 kw. and in the case of all other plants not less than 500 kw.

The report is divided into four sections:

Section 1. Hydro-electric Equipment.

Section II. Steam Equipment.

Section III. Internal Combustion Engine Equipment.

Section IV. Gas Turbine Equipment

Questionnaires were mailed to all known producers of electric power requesting information by plant on turbines, boilers, engines and generators which were installed and available for the production of electric power at December 31, 1958. The survey includes all stand-by emergency and reserve equipment but not auxiliary equipment installed only for the lighting and heating of generating stations.

Between the two world wars, three editions of a Directory of Central Electric Stations were produced by the Dominion Water Power and Reclamation Service of the Department of the Interior in collaboration with the Dominion Bureau of Statistics. In this directory, both the equipment and the service provided by electric utilities and companies which sold part of their generation were described in considerable detail but no information was provided on industrial plants which produced electric energy solely for own use. Also, no information was obtained from plants located in what is now the Province of Newfoundland. The last of these directories was published in 1928, although a supplement was issued in 1936.

In 1937, the Dominion Bureau of Statistics produced a mimeographed list of "Power Plants of Large Central Electric Stations". This list grouped hydro and thermal plants by province and company showing their total horse power capacity and precise geographic location.

It is intended that another prime mover and generating equipment survey should be conducted at the end of 1961 and at five-year intervals thereafter and that the results be published in the present form. In intervening years it is planned to supplement survey data with questions on additions and deletions in the annual Electric Power Statistics questionnaire. Hence, revised provincial and Canada totals by type of generation will be made available annually in the Electric Power Statistics report.

Previously published "Electric Power Statistics" (entitled "Central Electric Stations" before 1956) provide an historical series of hydro and thermal generating capacity totals by province from 1917 for utilities and from 1956 for industrial establishments as well.

The units of prime mover and generating equipment are listed according to position in the plant and, consequently, they do not appear in chronological sequence. Prime movers, boilers and generators appearing on the same line are not necessarily related. Cross references on company names indicate that those companies hold other types of equipment.

August 21, 1960

ELECTRIC EQUIPMENT MANUFACTURERS

Codes Used Throughout the Report

AC	Allis Chalmers
ACB	Allis Chalmers Bullock
AGK	Amme, Giesecke and Konegen
AI	Atlas Imperial
AL	W.H. Allen
ALCO	American Locomotive
AM	America Motors
AND	Anderson
AP	Ashworth and Parker
ASEA	Swedich General Electric
ASF	Andrew S. Foreman
AW	Armstrong Whitworth
BAD	Badinhausen
BAL	Baldwin
BARB	S. Barber
BB	Brown-Boveri
BEC	Ball Engine
BES	Bethlehem Steel
BLAC	Blackstone
BK	Bullock
BM	Bellis and Morcom
BOV	Boving
BRP	Bruce Peebles
BR	Brush Electric
BS	Busch Sulzer
BSM	Bessemer
BTH	British Thomson Houston
BUR	Burroughs
BURK	Burke Electric
BURM	Burmister and Wain
BW	Babcock-Wilcox
BWGM	Babcock-Wilcox and Goldie McCulloch
CAC	Canadian Allis-Chalmers
CAT	Caterpillar
CB	Charles Barber
CBSM	Cooper Bessemer
CCW	Canadian Crocker Wheeler
CE	Combustion Engineering Corporation
CEM	Colombia Electric Manufacturing
CFM	Canadian Fairbanks Morse
CGE	Canadian General Electric
CIR	Canadian Ingersoll Rand
CLC	Canadian Locomotive
CLK	Clark
CNE	Century Electric
CP	Compton Parkinson
CR	W.M. Cramp
CRB	Crossley Brothers
CRW	Crocker Wheeler
CS	Curtis
CUM	Cummins Engine Company
CV	Canadian Vickers
CWC	Canadian Westinghouse
CX	Climax
DB	Dominion Bridge
DCIW	Doble-Caledonia Iron Works
DCR	Dominion Crossley
DEL	Delco
DEW	Dominion Engineering Works
DG	Dayton Globe
DK	Dick-Kerr
DL	DeLaval Steam Turbine
DOR	Dorman
DT	Dominion Turbine
ECC	Electric Construction
ECI	Erie City Iron Works
EE	English Electric
EEC	English Electric of Canada
EEF	Enterprise Engine and Foundry
EL	Elliot
EM	Electric Machinery
EMI	Edge Moor Iron
EMN	Electric Machinery Manufacturing
EPE	Electric Power and Equipment
EW	Escher Wyss
FC	Fraser and Chalmers
FM	Fairbanks Morse
FW	Foster Wheeler
GAB	Gabriel
GE	General Electric
GEC	General Electric Company of England
GGG	Gilbert, Gilkes, Gordon
GMC	General Motors
GOMC	Goldie McCulloch
HAM	Hamilton
HAR	Harland
HB	Heine Boiler
HERC	Hercules
HH	Hick, Hargreaves
HOL	Holyoke Manufacturing
HOR	Hooven, Owens and Rentschler
HOW	J. Howden

ELECTRIC EQUIPMENT MANUFACTURERS – Concluded

Codes Used Throughout the Report – Concluded

HSBI	Hawker-Siddely-Brush International
IE	Ideal Electric
IGE	International General Electric
IH	International Harvester
ING	John Inglis
IPM	I.P. Morris
IR	Ingersoll-Rand
JM	The Jenkes Machine
JMV	J.M. Voith
JOH	A. Johnson
KATO	Kato Engineering
KERR	Kerr
KMW	Karlstads Mekaniska Werkstad
LA	Louis Allis
LANC	Lancashire Dynamo & Motor
LEF	James Leffel
LEN	Lennard
LEO	E. Leonard
LS	Lawrence Scott
MAR	Marathon
MB	Mercedes-Benz
MCL	F.M. McLaren
MD	Murphy Diesel
ML	Mirrlees Diesel Engineering
MLBD	Mirrless Bickerton and Daye
MOR	Moore
MP	Mather and Platt
MSI	S. Morgan Smith Inglis
MST	Moore Steam Turbine
MUR	Murray
MV	Metropolitan-Vickers Electrical Export
NAT	National
NB	Nohab
NE	National Engineering
NEYR	Neyrpic
NN	Newport News Shipbuilding & Dry Dock
NORD	Nordberg
NP	Nohab Polar
NS	National Supply
OER	Oerlikon
PA	Polar Atlas
PAR	C.A. Parsons
PAX	David Paxman
PD	Pelton Doble
PE	Palmer Electric
PET	Petters
PIW	Platt Iron Works
PSM	Puget Sound Machinery
PWW	Pelton Water Wheel
RAC	Robb Armstrong Corliss
RH	Ruston and Harnsby
RHM	Rodney Hunt Machine
RM	Riva Monneret
ROSH	Ross and Howard
RP	Ruston Paxman
RWT	Robb Water Tube
SB	Stillwell Bierce
SCH	Schoonmaker
SE	Skinner Engineering
SIW	Sumner Iron Works
SKC	Stanley K.C. System
SMS	S. Morgan Smith
VEW	Vancouver Engineering Works
VICK	Vickers
VIV	Vivian Engines
VIW	Vancouver Iron Works
VK	Vickers Kidwell
VUL	Vulcan Iron Works
VULS	Vulcan Stirling
WAI	Waite
WAT	Waterous
WAU	Waukesha
WB	Williams Brothers
WC	Worthington Corporation
WEC	Western Electric Corporation
WEST	Westinghouse
WH	William Hamilton
WIC	Wickes Water Tube
WIS	Wisconsin
WK	William Kennedy
WM	Worthington-Moore
WP	Worthington Pump
WSM	Welman Seaver Morgan

Codes Used in Certain Sections of the Report

Hydro-electric Equipment

Water supply and outlet

B.	Bay
Brk.	Brook
C.	Canal
Crk.	Creek
Hbr.	Harbour
L.	Lake, Lac
R.	River, Rivière

Distance from nearest town

N.	North
S.	South
E.	East
W.	West

Type of Runner

I.	Impulse
I. Pelton	Impulse Pelton
R.	Reaction
R. Francis	Reaction Francis
R. Prop.	Reaction Propeller
R. Prop. F.	Reaction Fixed Propeller
R. Prop. K.	Reaction Adjustable Propeller i.e. Kaplan

Steam Equipment

Fuel Used and Method of Firing

BG	Blast furnace gas	
BL	Black liquor	
C	Coal	
CG	Coke oven gas	(D) Dutch oven
GrR	Grain refuse	(H) Hand
NG	Natural gas	(P) Pulverised fuel
O	Oil	(S) Stoker
SO_2	Sulphur dioxide	
WH	Waste heat	
WR	Wood refuse	

Type of steam prime mover

BP	Back pressure
Cond.	Condensing
DE	Double extraction
E	Extraction
PO	Pass out

Coolant

Air	Air
Hyd.	Hydrogen

Internal Combustion and Gas Turbine Equipment

Type of Fuel Used

BG	Blast furnace gas
D	Dual
DO	Diesel oil
FG	Flare gas
NG	Natural gas
O	Oil
RO	Residual oil

Summary of Installed Generating Capacity as at December 31, 1958

	Canada	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
	Nameplate rating in kilowatts						
Electric utilities and industrial establishments:							
Hydro:							
Water wheels and turbines	15,683,148	245,530	155	127,930	188,906	6,980,515	4,957,380
Thermal:							
Steam engines and turbines	2,603,285	20,000	22,500	287,545	192,349	59,683	894,885
Internal combustion engines	236,478	14,196	2,986	3,790	8,082	17,766	17,481
Gas turbines	130,457	–	–	–	–	–	–
Total thermal	**2,876,220**	**34,196**	**25,486**	**291,335**	**200,431**	**77,449**	**818,366**
Total installed generating capacity	**18,653,368**	**279,726**	**25,641**	**419,265**	**389,337**	**7,057,964**	**5,869,746**

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories
	Nameplate rating in kilowatts					
Electric utilities and industrial establishments:						
Hydro:						
Water wheels and turbines	573,900	88,800	220,642	2,260,990	28,040	10,360
Thermal:						
Steam engines and turbines	177,600	392,700	422,510	133,513	–	–
Internal combustion engines	7,462	49,152	25,811	84,939	1,227	3,586
Gas turbines	–	20,000	66,937	43,520	–	–
Total thermal	**185,062**	**461,852**	**515,258**	**261,972**	**1,227**	**3,586**
Total installed generating capacity	**758,962**	**550,652**	**735,900**	**2,522,962**	**29,267**	**13,946**

SECTION 1. Hydro Electric Equipment as at December 31, 1958

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Newfoundland								
	Anglo Newfoundland Development Company Limited:[1]								
1	Grand Falls	Exploits R.	...	Grand Falls	109	105	108	..	1909
2									"
3									"
4									1955 R
5	Bishop's Falls	Exploits R.	...	Bishop's Falls	36	33	34	6,000	1952
6									"
7									"
8									"
9									"
10									"
11									1933
12									1928
13									1909
	The Bowater Power Co. Ltd.:								
14	Deer Lake	Humber C.	Deer L.	Deer Lake	..	..	256	5,000	1925
15									"
16									"
17									"
18									"
19									"
20									"
21									1930
22									"
23	Corner Brook	Corner Brk.	...	1 Corner Brook	..	..	526	190	1958
24									"
	Buchans Mining Co. Ltd. (American Smelting and Refining Co. in 1959):								
25	Buchans	Sandy L.	Buchans R.	1 E. Buchans	167	163	166	..	1927
	Iron Ore Company of Canada:[2]								
26	Menihek	Menihek L.	Ashuanipi R.	30 S. Schefferville	36	27	35	2,800	1954
27									"
	Maritimes Mining Corporation Ltd.:[2]								
28	Snook's Arm	Sisters System	Green B.	Snook's Arm	273	270	272	21	1957
	Newfoundland Light & Power Co.:[1,2]								
29	Rattling Brook	Rattling Brk.	...	1 W. Norris Arm	330*	315*	328*	..	1958
30									"
31	Mobile	Mobile R.	...	Mobile	397	389	393	178	1951
32	Horse Chops	Horse Chops R.	...	3 N. Cape Broyle	294	287	291	272	1953
33	Tor's Cove	Tor's Cove P.	...	Tor's Cove	188	179	184	258	1942
34									"
35									1951
36	Cape Broyle	Horse Chops R.	...	1 E. Cape Broyle	191	183	186	325	1952
37	Petty Harbour	Petty Harbour	...	Petty Harbour	..	..	190*	173	1908
38									1911
39									1926
40	Pierre's Brook	Pierre's Brk.	...	1 N.E. Witless Bay	284	278	281	166	1931
41	Rocky Pond	..	...	3 W. Tor's Cove	120	109	116	210	1943
	Union Electric Light & Power Co.:								
42	Lockston	Lockston R.	...	¼ Lockston	280	280*	270*	..	1956
43	Port Union	Port Union R.	...	¼ Port Union	74	66	70	..	1917
44									1920

[1] See Steam Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958

Main turbines						Main generators								
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft^2 (000)	Name plate rating					
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	No.
AGK	R. Francis	375	109	2,500		1909	BB	250	575	50	80	1,875	1,500		1
"	"	"	"	2,500		"	"	"	"	"	"	1,875	1,500		2
"	"	"	"	2,500		"	"	"	"	"	"	1,875	1,500		3
DEW	"	120	"	36,000	43,500	1938	WEST	17,000	6,900	"	"	27,500	22,000	26,500	4
SMS	R. Francis	231	35	2,700		1952	WEST	240	6,900	50	90	2,250	2,000		5
"	"	"	"	2,700		"	"	"	"	"	"	2,250	2,000		6
"	"	"	"	2,700		"	"	"	"	"	"	2,250	2,000		7
"	"	"	"	2,700		"	"	"	"	"	"	2,250	2,000		8
"	"	"	"	2,700		"	"	"	"	"	"	2,250	2,000		9
"	"	"	"	2,700		"	"	"	"	"	"	2,250	2,000		10
"	"	"	"	2,700		"	"	"	"	"	"	2,250	2,000		11
"	"	214	"	1,700		1928	"	180	575	"	80	1,875	1,500		12
"	"	"	"	1,700	22,300	1916	GE	"	"	"	"	1,875	1,500	17,000	13
AW	R. Francis	375	247	14,000		1925	BTH	..	6,000	50	95	10,250	9,750		14
"	"	"	"	14,000		"	"	..	"	"	"	10,250	9,750		15
"	"	"	"	14,000		"	"	..	"	"	"	10,250	9,750		16
"	"	"	"	14,000		"	"	..	"	"	"	10,250	9,750		17
"	"	"	"	14,000		"	"	..	"	"	"	10,250	9,750		18
"	"	"	"	14,000		"	"	..	"	"	"	10,250	9,750		19
"	"	"	"	14,000		"	"	..	"	"	"	10,250	9,750		20
NN	"	214	"	29,000		1930	IGE	5,500	"	"	"	21,000	20,000		21
"	"	"	"	29,000	156,000	"	"	5,500	"	"	"	21,000	20,000	108,250	22
EE	R. Francis	1,000	559	6,000		1958	EE	210	4,160	50	90	5,100	4,600		23
"	"	"	"	6,000	12,000	"	"	"	"	"	"	5,100	4,600	9,200	24
JMV	..	600	163	2,600	2,600	1927	GE	..	6,900	50	80	2,200	1,760	1,760	25
CAC	R. Prop. F.	150	34	6,000		1954	CWC	1,650	6,900	60	85	5,000	4,250		26
"	"	"	"	6,000	12,000	"	"	"	"	"	"	5,000	4,250	8,500	27
GGG	I. Pelton	1,200	243	800	800	1957	LANC	..	6,900	60	80	700	560	560	28
CAC	R. Francis	514	307	8,500		1958	CGE	285*	6,900	60	90	7,500	6,750		29
"	"	"	"	8,500	17,000	"	"	"	"	"	"	7,500	6,750	13,500	30
DEW	R. Francis	514	370	13,000	13,000	1951	WEST	600*	6,900	60	85	11,000	9,350	9,350	31
DEW	R. Francis	450	276	10,000	10,000	1953	CGE	400	6,900	60	85	9,000	7,650	7,650	32
EE	R. Francis	514	173	2,850		1942	EE	..	6,900	60	85	2,350	2,000		33
"	"	"	"	2,850		"	"	..	"	"	"	2,350	2,000		34
"	"	"	"	3,550	9,250	1951	"	145	"	"	90	2,780	2,500	6,500	35
CV	R. Francis	360	176	7,600	7,600	1952	CWC	400	6,900	60	85	7,000	6,000	6,000	36
JMV	R. Francis	327	190*	2,100*		..	WEST	..	2,300	60	80	2,000	1,600		37
"	"	"	190*	2,100*		1922	GE	..	"	"	"	2,000	1,600		38
AW	"	"	190*	2,750*	6,950	1926	CGE	..	"	"	"	2,500	1,800	5,000	39
JMV	R. Francis	514	263*	4,500	4,500	1931	GEC	..	6,900	60	80	4,000	3,200	3,200	40
DEW	R. Francis	327	107	4,200	4,200	1943	WEST	..	6,900	60	85	3,750	3,200	3,200	41
CGE	..	720	270	2,000	2,000	1956	GE	..	7,200	60	60*	1,850	1,480*	1,480*	42
..	R. Francis	600	70	450		1917	GE	..	2,300	60	80	350*	280		43
..	"	"	"	450	900	1920	"	..	"	"	"	350*	280	560	44

[1] See Internal Combustion Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Newfoundland – Concluded								
	United Towns Electric Co.:[2]								
1	New Chelsea	New Chelsea Brk.	...	¼ New Chelsea	275	270	275	9	1957
2	Seal Cove	Seal Cove Brk.	Soldiers P.	1 Seal Cove	192	188	190	10	1922
3									1927
4	Heart's Content	Southern Cove Brk.	Heart's Content Brk.	Heart's Content	155	147	150	10	1918
5									"
6	Topsail	Topsail Brk.	Manuck R.	Topsail	365	363	364	4	1932
7	West Brook	West Brk.	...	2 St. Lawrence	140	135	140	3	1942
	West Coast Power Co. Ltd.:[2]								
8	Lookout Brook	Lookout Brk.	Cross P.	12 St. Georges	578	575	576	6	1945
9									"
10									1958
11	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...
12	Total generator name plate rating for plants under 500 kw.	...	...	...	...	...	...	...	...
13	Total name plate rating of all hydro-electric generators in province of Nfld.	...	...	...	...	...	...	...	...
	Prince Edward Island								
14	Total generator name plate rating for plants under 500 kw.	...	...	...	...	...	...	...	...
15	Total name plate rating of all hydro-electric generators in province of P.E.I.	...	...	...	...	...	...	...	...
	Nova Scotia								
	Minas Basin Pulp and Power Co. Ltd.:								
16	St. Croix	St. Croix R.[6]	...	St. Croix	161	158	160	262	1934
17	Salmon Hole	Panuke L.	St. Croix R.	3 St. Croix	..	..	..	262	1938
	Nova Scotia Light and Power Co. Ltd.:[1]								
18	Hell's Gate	Black R.	...	½ S. White Rock	185	178	185	248	1930
19									1949
20	Nictaux	Nictaux R.	...	Nictaux Falls	382	378	380	152	1954
21	Hollow Bridge	Black R.	...	75 W. Gaspereaux	149	144	148	328	1940
22	Avon #1	Avon R.	...	1½ N. Smith's Corner	118	107	118	160	1958
23	Paradise	Paradise Brk.	...	4 S.E. Bridgetown	465	461	465	63	1950
24	Methals	Gaspereaux L.	Black R.	12 S.W. Gaspereaux	45	39	45	220	1949
25	White Rock	Gaspereaux R.	...	1½ E. Gaspereaux	60	56	58	348	1952
26	Avon #2	Falls L.	...	1 N.W. Smith's Corner	142	132	142	138	1929
27	Lumsden	Black River L.	Black R.	5 S.W. Gaspereaux	72	67	72	270	1942
	Nova Scotia Power Commission:[4,2]								
28	Deep Brook	Mersey R.	...	3 N.W. Liverpool	46	46	46	1,800	1950
29									"
30	Big Falls	Mersey R.	...	12 N.W. Liverpool	58	58	58	1,800	1929
31									"
32	Lower Lake Falls	Mersey R.	...	14 N.W. Liverpool	48	..	48	1,800	1929
33									"
34	Cowie Falls	Mersey R.	...	3 N.W. Liverpool	43	43	43	1,800	1937
35									"
36	Ruth Falls	East R., Sheet Hbr.	...	2 N. Sheet Harbour	109	109	109	1,800	1927
37									"
38									1936
39	Gulch	Bear R.	...	1 E. Bear River	254	250	..	..	1956
40	Upper Lake Falls	L. Rossignol	Mersey R.	16 N.W. Liverpool	42	21	35	1,800	1929
41									"

[1] See Steam Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
DEW	R. Francis	514	275	5,600	5,600	1957	WEST	..	6,900	60	80	5,000	4,000	4,000	1
AC	R. Francis	450	190	1,500		1922	AC	..	2,300	60	80	1,500	1,000		2
JMV	"	514	"	3,040	4,540	1927	WEST	..	"	"	"	3,000	2,300	3,300	3
SMS	R. Francis	400	150	950		1918	GE	..	2,300	60	80	875	700		4
"	"	600	"	1,150	2,100	"	"	..	"	"	"	1,000	800	1,500	5
JMV	R. Francis	900	365	1,500	1,500	1932	WEST	..	2,300	60	80	1,500	1,000	1,000	6
LEF	R. Francis	720	140	1,000	1,000	1942	WEST	..	2,400	60	80	675	700[*]	700[*]	7
LEF	R. Francis	1,200	575	1,850		1945	WEST	..	2,400	60	80	1,625	1,400		8
"	"	"	"	1,850		"	"	..	"	"	"	1,625	1,400		9
GGG	"	900	"	3,600	7,300	1958	GE	..	"	"	"	3,000	2,400	5,200	10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	243,910	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,620	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	245,530	13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	155	14
...	...	...	...	...	...	...	...	...	...	...	...	...	...	155	15
DEW	R. Francis	400	148	4,200	4,200	1934	ASEA	..	2,300	60	80	3,750	3,000[*]	3,000[*]	16
DEW	R. Francis	277	75	2,500	2,500	1938	ASEA	..	2,300	60	80	2,500	2,000	2,000	17
DEW	R. Francis	450	185	4,500		1930	ASEA	241	2,300	60	80	4,200	3,360		18
"	"	"	"	4,500	9,000	1949	CWC	175	"	"	85	4,200	3,570	6,930	19
DEW	R. Francis	600	382	9,000	9,000	1954	CWC	153	6,900	60	80	8,500	6,800	6,600	20
DEW	R. Francis	257	148	7,500	7,500	1942	CGE	700	6,900	60	85	6,250	5,312	5,312	21
VICK	R. Francis	360	118	5,000	5,000	1958	BB	360	2,300	60	50	7,500	3,750	3,750	22
CV	R. Francis	720	465	5,000	5,000	1950	CWC	80	6,900	60	80	4,500	3,600	3,600	23
DEW	R. Prop.	240	45	4,600	4,600	1949	CWC	460	6,900	60	85	4,000	3,400	3,400	24
CV	R. Francis	200	58	4,000	4,000	1952	CWC	546	6,900	60	80	4,000	3,200	3,200	25
DEW	R. Francis	400	142	3,900	3,900	1929	ASEA	175	2,300	60	80	3,750	3,000	3,000	26
DEW	R. Francis	257	72	4,500	4,500	1942	CW	260	6,900	60	80	3,500	2,800	2,800	27
SMS	R. Prop. K.	200	46	6,400		1950	CWC	1,500	6,900	60	90	5,000	4,500		28
"	"	"	"	6,400	12,800	"	"	"	"	"	"	5,000	4,500	9,000	29
SMS	R. Francis	163	58	6,350		1929	ASEA	1,200	6,600	80	90	5,000	4,500		30
"	"	"	"	6,350	12,700	"	"	"	"	"	"	5,000	4,500	9,000	31
SMS	R. Francis	150	48	5,300		1929	ASEA	1,500	6,600	60	90	4,100	3,690		32
"	"	"	"	5,300	10,600	"	"	"	"	"	"	4,100	3,690	7,380	33
SMS	R. Prop. K.	200	43	5,100		1937	OER	860	13,200	60	90	4,000	3,600		34
"	"	"	"	5,100	10,200	"	"	"	"	"	"	4,000	3,600	7,200	35
SMS	R. Francis	400	110	3,290		1927	ASEA	230	6,600	60	80	2,500	2,000		36
"	"	"	"	3,290		"	"	"	"	"	"	2,500	2,000		37
DEW	"	360	109	4,300	10,880	"	MP	432	"	"	90	3,300	2,970	6,970	38
CV	R. Francis	400	225	8,500	8,500	1952	CWC	525	13,600	60	80	7,500	6,000	6,000	39
DEW	R. Prop. K.	180	21	2,350		1929	ASEA	700	6,600	60	90	3,000	2,700		40
"	"	"	"	2,350	4,700	"	"	"	"	"	"	3,000	2,700	5,400	41

[1] See Internal Combustion Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Nova Scotia — Concluded								
	Nova Scotia Power Commission[1,2] — Concluded:								
1	Tide Water	North East R.	St. Margarets B.	½ S.W. French Village	91	91	91	..	1921
2									"
3	Lower Great Brook	Mersey R.	...	6½ N.W. Liverpool	22	Static		1,800	1955
4									"
5	Ridge	Bear R.	...	3½ E. Bear River	148	..	140	..	1957
6	Dickie Brook	Dickie Brk.	Chedabucto B.	4 S. Guysborough	298	298	298	..	1948
7									"
8	Malay Falls	East R., Sheet Hbr.	...	7 N. Sheet Harbour	41	41	41	..	1924
9									1954
10									1924
11	Sandy Lake	Indian R.	North East R.	2 N. French Village	125	125	125	..	1927
12									"
13	Mill Lake	North East R.	...	2 N. French Village	162	162	162	..	1921
14									"
15	Tusket	Tusket R.	...	3 N. Tusket	27	18	22	..	1929
16									"
17									"
18	Roseway	Roseway R.	...	2 N.W. Shelburne	27	24	25	..	1930
19									1943
20	Harmony	Medway R.	...	3 N. Caledonia	37	37	37	362	1943
21	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...
22	Total generator name plate rating for plants under 500 kw.	...	...	...	...	...	...	...	...
23	Total name plate rating of all hydro-electric generators in province of N.S.	...	...	...	...	...	...	...	...
	New Brunswick								
	Bathurst Power and Paper Co. Ltd.:[1]								
24	Bathurst	Nepisiquit R.	...	20 W. Bathurst	110	90	105	762	1921
25									"
26									1929
	Edmunston, City of:[2]								
27	Green River	Green R.	...	St. Joseph	25	23	24	385	1926
28									1930
	Fraser Companies Limited:[1]								
29	Edmunston	Madawaska R.	...	Edmunston	24	12	21	683	1918
30									"
	Gatineau Power Company:[1]								
31	Grand Falls	St. John R.	...	Grand Falls	136	110	132	..	1931
32									1930
33									1928
34									"
	Maine & New Brunswick Electrical Power Co. Ltd.:[2]								
35	Tinker	Aroostook R.	St. John R.	3 W. Aroostook Jct.	85	70	84	1,187	1926
36									1922
37									1923
38									1952
	New Brunswick Electric Power Commission:[1,2]								
39	Beechwood	St. John R.	...	5 N.W. Bath	58	29	57	10,200	1957
40									1958
41	Tobique	Tobique R.	...	3 S.W. Perth	75	60	70	2,320	1953
42									"

[1] See Steam Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR² lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
SMS	R. Francis	300	91	3,450		1921	CGE	530	13,200	60	80	2,900	2,320		1
"	"	"	"	3,450	6,900	"	"	"	"	"	"	2,900	2,320	4,640	2
SMS	R. Prop. K.	128	22	3,120		1955	CWC	1,250	6,900	60	90	2,500	2,250		3
"	"	"	"	3,120	6,240	"	"	"	"	"	"	2,500	2,250	4,500	4
SMS	R. Francis	360	140	5,300	5,300	1957	CGE	220	6,900	60	80	5,000	4,000	4,000	5
CAC	R. Francis	900	298	1,750		1948	CWC	35	2,300	60	80	1,500	1,200		6
"	"	"	"	1,750	3,500	"	"	"	"	"	"	3,200	2,600	3,800	7
WSM	R. Francis	225	43	1,850		1924	CWC	260	2,300	60	80	1,500	1,200		8
LEF	"	"	41	1,740*		"	"	"	"	"	"	1,500	1,200		9
WSM	"	"	43	1,850	5,440	"	"	"	"	"	"	1,500	1,200	3,600	10
DEW	R. Francis	450	118	2,500		1927	ASEA	113	13,200	60	80	2,000	1,600		11
"	"	"	"	2,500	5,000	"	"	"	"	"	"	2,000	1,600	3,200	12
SMS	R. Francis	514	162	1,900		1921	CGE	85	13,200	60	80	1,600	1,280		13
"	"	"	"	1,900	3,800	"	"	"	"	"	"	1,600	1,280	2,560	14
MSI	R. Prop. K.	225	18	940		1929	CWC	220	6,600	60	80	900	720		15
"	"	"	"	940		"	"	"	"	"	"	900	720		16
"	"	"	"	940	2,820	"	"	"	"	"	"	900	720	2,160	17
WH	R. Francis	450	27	360		1930	..	..	2,300	60	80	360	288		18
SMS	"	180	24	700*	1,060	1943	CGE	..	6,600	"	"	750	600	888	19
RHM	R. Francis	200	31	1,200	1,200	1943	WEST	..	2,300	60	80	750	600	600	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	124,690	21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,240	22
...	...	...	...	...	...	...	...	...	...	...	...	...	...	127,930	23
BOV	R. Francis	300	100	4,500		1921	CGE	500	4,400	60	100	3,600	3,600		24
"	"	"	"	4,500		"	"	"	"	"	"	3,600	3,600		25
AC	"	"	109	5,500	14,500	1929	"	484	"	"	70	3,600	2,520	9,720	26
CR	R. Francis	257	24	450		1926	WEST	..	2,400	60	80	375	300		27
AC	R. Prop.	240	25	1,050	1,500	1930	"	..	"	"	"	1,000	800	1,100	28
WH	R. Francis	133	21	1,000		1918	GE	230	6,900	60	80	1,250	1,000		29
"	"	"	"	1,000	2,000	"	"	"	"	"	"	1,250	1,000	2,000	30
CAC	R. Francis	164	125	20,000		1931	CGE	..	6,600	60	90	17,500	15,750		31
"	"	"	"	20,000		1930	"	..	"	"	"	17,500	15,750		32
"	"	"	"	20,000		1928	"	..	"	"	"	17,500	15,750		33
"	"	"	"	20,000	80,000	"	"	..	"	"	"	17,500	15,750	63,000	34
DEW	R. Francis	240	85	5,000		1926	CWC	..	12,000	60	80	4,400	3,520		35
"	"	360	"	2,000		1922	"	..	"	"	"	1,875	1,500		36
"	"	"	"	2,000		1923	"	..	"	"	"	1,875	1,500		37
SMS	"	300	"	5,000	14,000	1952	"	..	"	"	"	4,400	3,520	10,040	38
DEW	R. Prop. K.	109	57	45,000		1957	CGE	..	13,800	60	90	40,000	36,000		39
"	"	"	"	45,000	90,000	1958	"	..	"	"	"	40,000	36,000	72,000	40
SMS	R. Prop. K.	225	75	13,500		1953	CGE	..	6,900	60	80	12,500	10,000		41
"	"	"	"	13,500	27,000	"	"	..	"	"	"	12,500	10,000	20,000	42

[1] See Internal Combustion Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	New Brunswick – Concluded								
	New Brunswick Electric Power Commission[1,2] – Concluded:								
1	Mus Quash	Mus Quash R.	...	10 E. Lepreau	106	98	100	460	1920
2					"	"	"		"
3					127	122	125		"
4	Milltown	St. Croix R.	...	Milltown	25	20	23	..	1920
5									"
6									"
7									1911
8									..
	St. George Pulp and Paper Co. Ltd:								
9	St. George	Magagua Davic R.	...	St. George	53	48	52	1,100	1900
10									"
11	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...
12	Total name plate rating of all hydro-electric generators in province of N.B.	...	...	...	...	...	...	...	...
	Quebec								
	Aluminum Company of Canada Ltd.:								
13	Shipshaw	Saguenay R.	...	2 N.W. Arvida	213	202	208	43,200	1943
14									"
15									"
16									"
17									"
18									"
19									1942
20									"
21									1943
22									"
23									"
24									"
25	Chute-à-la-Savanne	Peribonka R.	...	1 N.E. Ste-Monique-de-Honfleur	125	103	114	17,700	1953
26									"
27									"
28									"
29									"
30	Chute-du-Diable	Peribonka R.	...	8 N.E. L'Ascension	113	87	106	16,500	1952
31									"
32									"
33									"
34									"
35	Chute-à-Caron	Saguenay R.	...	2 N. Kénogami	165	156	160	5,400	1934
36									1932
37									1931
38									"
	Anglo Canadian Pulp and Paper Mills Limited:[1]								
39	Forestville	Sault au Cochon	...	Forestville	69	64	67	100	1953
	Ayers Limited:								
40	Lachnte Mills	North R.	...	1 N. Lachute	42	39	41	..	1929
41									"
42									"
	Bagotville, Ville de:								
43	Bagotville	R. à Marc	...	7 Bagotville	133	80	110	..	1926
	Belleterre Quebec Mines Ltd.:[1]								
44	Winneway	Winneway R.	...	8 Laforce	65	54	57	345	1938
45									1943
	Bonaventure Co-op:								
46	St. Elzéar	R. Hall	R. Bonaventure	2 E. St. Elzéar	120	113	118	..	1929
47									1946

[1] See Steam Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

Main turbines						Main generators										
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR² lbs-ft² (000)	Name plate rating							No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.		
SMS	R. Francis	300	100	3,670		1920	CGE	..	13,200	60	80	2,900	2,320			1
"	"	"	"	3,670		"	"	..	"	"	"	2,900	2,320			2
"	"	"	125	3,760	11,100	"	"	..	"	"	"	2,900	2,320	6,960		3
WH	R. Francis	150	21	1,080		1920	CGE	..	600	60	80	810	700			4
"	"	"	"	1,080		"	"	..	"	"	"	810	700			5
"	"	"	"	1,080		"	"	..	"	"	"	810	700			6
SMS	..	185	25	500	3,740	1911	"	..	"	"	"	470	375			7
..	..	..	..	..	..	..	..	..	..	..	..	..	211	2,686		8
BOV	R. Francis	514	52	1,000		1950	EE	..	600	60	80	875	700			9
"	"	"	"	1,000	2,000	"	"	..	"	"	"	875	700	1,400		10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	188,906		11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	188,906		12
SMS	R. Francis	129	208	90,000		1943	CWC	71.460	13,200	60	90	65,000	58,500			13
"	"	"	"	90,000		"	"	71.460	"	"	"	65,000	58,500			14
AC	"	"	"	100,000		"	CGE	74.720	"	"	"	75,000	67,500			15
"	"	"	"	100,000		"	CWC	83.880	"	"	"	75,000	67,500			16
"	"	"	"	100,000		"	CGE	74,720	"	"	"	75,000	67,500			17
"	"	"	"	100,000		"	CWC	83,880	"	"	"	75,000	67,500			18
"	"	"	"	100,000		1942	CGE	74.720	"	"	"	75,000	67,500			19
"	"	"	"	100,000		"	CWC	83.880	"	"	"	75,000	67,500			20
"	"	"	"	100,000		1943	CGE	74,720	"	"	"	75,000	67,500			21
"	"	"	"	100,000		"	CWC	83,880	"	"	"	75,000	67,500			22
SMS	"	"	"	90,000		"	CGE	74,720	"	"	"	75,000	67,500			23
"	"	"	"	90,000	1,160,000	"	CWC	83.880	"	"	"	75,000	67,500	792,000		24
DEW	R. Francis	106	110	57,000		1953	CGE	50,470	13,800	80	70	53,500	37,500			25
"	"	"	"	57,000		"	"	50,470	"	"	"	53,500	37,500			26
"	"	"	"	57,000		"	"	50.470	"	"	"	53,500	37,500			27
"	"	"	"	57,000		"	"	50,470	"	"	"	53,500	37,500			28
"	"	"	"	57,000	285,000	"	"	50,470	"	"	"	53,500	37,500	187,500		29
CAC	R. Francis	106	110	55,000		1952	CWC	61,620	13,800	60	70	53,500	37,500			30
"	"	"	"	55,000		"	"	61,620	"	"	"	53,500	37,500			31
"	"	"	"	55,000		"	"	61,620	"	"	"	53,500	37,500			32
"	"	"	"	55,000		"	"	61,620	"	"	"	53,500	37,500			33
"	"	"	"	55,000	275,000	"	"	61,620	"	"	"	53,500	37,500	187,500		34
SMS	R. Francis	120	160	75,000		1934	CWC	68,920	13,200	60	90	50,000	45,000			35
"	"	"	"	75,000		1932	"	68,920	"	"	"	50,000	45,000			36
"	"	"	"	75,000		1931	"	68,920	"	"	"	50,000	45,000			37
"	"	"	"	75,000	300,000	"	"	68,920	"	"	"	50,000	45,000	180,000		38
CB	R. Francis	514	67	1,300	1,300	1953	EE	..	2,300	60	80	1,250	1,000	1,000		39
AC	R.	257	36	1,500		1929	ASEA	..	2,300	60	80	1,500	1,200*			40
"	"	"	"	1,500		"	"	..	"	"	"	1,500	1,200*			41
"	"	"	"	1,500	4,500	"	"	..	"	"	"	1,500	1,200*	3,600*		42
SMS	R.	600	133	1,350	1,350	1926	CGE	..	2,400	60	100	1,000	1,000	1,000		43
CAC	R. Francis	257	57	1,500		1938	EE	..	2,300	60	80	1,375	1,100			44
"	"	"	"	1,500	3,000	1943	"	..	"	"	"	1,375	1,100	2,200		45
GGG	..	900	120	550		1929	WEST	..	2,400	60	80	438	350			46
"	..	"	"	550	1,100	1946	"	..	"	"	"	438	350	700		47

[1] See Internal Combustion Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Quebec — Continued								
	Canada Paper Company:								
1	Windsor Mills	St. Francis R.	...	Windsor Mills	16	3	14	3,200	1936
2									"
3									1939
4									"
	Coaticook, Ville de:[2]								
5	Coaticook	R. Coaticook	...	N.E. Coaticook	150	146	146	100	1927
6									"
	Consolidated Paper Corporation Ltd.:[2]								
7	Grand Baie	Ha-Ha R.	...	4 Ste. Alexis	100	100	100	120	1917
	Dominion Textile Co. Ltd.:[1]								
8	Magog	L. Memphre Magog	Magog R.	Magog	27	24	25	1,000	1920
9									"
10	Montmorency	Montmorency R.	St. Lawrence R.	½ Montmorency	60	60	60	..	..
	Donnacona Paper Co. Ltd.:[2]								
11	McDougall	Jacques Cartier R.	...	2 W. Pont Rouge	62	57	60	740	1925
12									1927
13	Birds Mill	Jacques Cartier R.	...	1 W. Pont Rouge	28	24	26	880	1937
	The E.B. Eddy Company:[1]								
14	Chaudiere Falls	Ottawa R.	...	Hull	40	32	37	5,000	1955 R
15									"
16									"
	Electric Reduction Co. of Canada Ltd.:								
17	Buckingham	Lievre R.	...	Buckingham	33	30	32	4,000	1914
18									1915
19									1939
20									1928
21									1920
	Electrification Rurale:								
22	Petites Bergeronnes # 1	Petites Bergeron-nes R.	...	6 N.W. Grandes Berge-ronnes	150	150	150	..	1954
23									"
24	Petites Bergeronnes # 2			¼ from # 1	150	150	150	..	1958
25									"
	Electrique de Mont Laurier Ltd.:								
26	Mont Laurier	Lièvre R.	...	Mont Laurier	22	18	20	..	1937
27									1951
28									"
	Gatineau Power Company:								
29	Paugan	Gatineau R.	...	½ E. Low	144	109	136	..	1956
30									1931
31									1928
32									"
33									"
34									"
35									"
36									"
37	Chelsea	Gatineau R.	...	¼ E. Chelsea	102	86	97	..	1927
38									"
39									1929
40									1939
41									1927
42	Farmers	Gatineau R.	...	Limbour	72	62	66	..	1927
43									"
44									1929
45									1947
46									1927
47	Bryson	Ottawa R.	...	2 S.E. Bryson	64	46	60	..	1925
48									1929
49									1949

[1] See Steam Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
DEW	R. Prop. K.	180	19	1,100		..	GE	..	2,300	60	80	1,400	1,120		1
"	"	"	"	1,100		..	"	..	"	"	"	1,400	1,120		2
WC	R. Francis	150	30	1,500		..	"	..	600	"	"	750	600		3
"	"	"	"	1,500	5,200		WEST	..	575	"	"	400	320	3,160	4
WH	R.	900	136	1,200		1927	EE	..	2,400/4,000	60	80	900	720		5
"	"	"	"	1,200	2,400	"	EE	..	" "	"	"	900	720	1,440	6
SMS	R. Prop.	450	100	1,206	1,206	1917	WEST	..	2,200	60	92	900	828	828	7
WH	R. Francis	133	25	1,350		1920	CGE	..	2,400	60	80	1,250	1,000		8
"	"	"	"	1,350	2,700	"	"	..	"	"	"	1,250	1,000	2,000	9
..	R. Francis	472	60	500	500	..	CGE	..	600	60	80*	650	500	500	10
SMS	R.	250	50	1,900		1925	CWC	..	2,400	62½	80	1,500	1,200		11
"	"	"	"	1,900	3,800	1927	"	..	"	"	"	1,500	1,200	2,400	12
DEW	R.	180	26	2,250	2,250	1937	CWC	420	600	60	80	2,400	1,920	1,920	13
CAC	R. Francis	164	38	5,500		1913	ASEA	..	2,300	60	80	3,750	3,000		14
"	"	"	"	5,500		"	"	..	"	"	"	3,750	3,000		15
"	"	"	"	5,500	16,500	"	"	..	"	"	"	3,750	3,000	9,000	16
SMS	R. Francis	165	30	2,000		1914	CGE	..	125	DC	...	...	1,375		17
"	"	"	"	2,000		1915	"	..	2,300	60	90	1,600	1,440		18
CAC	R. Prop.	225	"	2,500		1939	"	..	"	"	"	2,040	1,840		19
SMS	R. Francis	165	"	2,000		1928	"	..	"	"	"	1,600	1,440		20
"	"	"	"	2,000	10,500	1920	"	..	"	"	"	1,600	1,440	7,535	21
GGG	..	900	165	600		1954	EE	..	2,400	60	91	500	455		22
"	..	"	"	600	1,200	"	"	..	"	"	"	500	455	910	23
GGG	..	720	170	722		1958	EE	..	2,400	60	92	825	575		24
"	..	"	"	722	1,444	"	"	..	"	"	"	625	575	1,150	25
WH	..	100	22	500		1937	GE	..	2,400	60	80	620	500		26
DEW	R. Prop.	180	"	1,325		1951	"	..	"	"	"	1,125	900		27
"	"	"	"	1,325	3,150	"	"	..	"	"	"	1,125	900	2,300	28
DEW	R. Francis	129	133	47,000		1956	CGE	..	6,600	80	90	36,000	32,400		29
"	"	"	132	34,000		1931	CWC	..	"	"	85	28,500	24,225		30
"	"	125	"	34,000		1928	"	..	"	"	"	28,500	24,225		31
"	"	"	"	34,000		"	"	..	"	"	"	28,500	24,225		32
"	"	"	"	34,000		"	"	..	"	"	"	28,500	24,225		33
"	"	"	"	34,000		"	"	..	"	"	"	28,500	24,225		34
"	"	"	"	34,000		"	"	..	"	"	"	28,500	24,225		35
"	"	"	"	34,000	285,000	"	"	..	"	"	"	28,500	24,225	201,975	36
IPM	R. Francis	100	93	34,000		1947	CWC	..	6,600	60	80	36,000	28,800		37
"	"	"	"	34,000		1927	"	..	"	"	"	36,000	28,800		38
"	"	"	"	34,000		1929	"	..	"	"	"	36,600	28,800		39
"	"	"	"	34,000		1939	"	..	"	"	"	36,600	28,800		40
"	"	"	"	34,000	170,000	1927	"	..	"	"	"	36,600	28,800	144,000	41
DEW	R. Francis	90	66	24,000		1927	CGE	..	6,600	60	80	25,000	20,000		42
"	"	"	"	24,000		"	"	..	"	"	"	25,000	20,000		43
"	"	"	"	24,000		1929	"	..	"	"	"	25,000	20,000		44
"	"	"	"	24,000		1947	"	..	"	"	85	22,500	19,125		45
"	"	"	"	24,000	120,000	1927	"	..	"	"	"	22,500	19,125	98,250	46
VICK	R. Francis	120	60	25,700		1925	CWC	..	6,600	60	80	22,500	18,000		47
SMS	"	"	"	25,700		1929	"	..	"	"	"	22,500	18,000		48
DEW	"	"	"	27,000	78,400	1949	"	..	"	"	"	25,000	20,000	56,000	49

[1] See Internal Combustion Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Quebec – Continued								
	Gatineau Power Company – Concluded:								
1	Kipawa	Gordon Crk.	Ottawa R.	Temiskaming	220	192	204	..	1920
2									"
3									1926
4									"
5	Chaudiere #2	Ottawa R.	...	Hull	43	23	40	..	1920
6									"
7									1923
8	Chaudiere #1	Ottawa R.	...	Hull	42	22	38	..	1902
9									"
10									1904
11									1909
12									1912
13	Bell Falls	Rouge R.	...	W. Bell Falls	56	50	53	..	1915
14									"
15									1920
16	Corbeau	Gatineau R.	...	5 S. Maniwaki	15	10	12	..	..
17									..
18	Rawdon	Ouareau R.	...	1 N. Rawdon	52	31	50	..	1927
19	Ste. Adèle	North R., E. Branch (Doncaster R.)	...	Ste. Adèle en Bas	203	197	200	..	1924
20									"
21									"
22	Wilson Chute	North R.	...	4 N. St. Jérome	..	..	75	..	1924
23									"
	The Gulf Power Co.:								
24	Ste. Marguerite	Ste. Marguerite R.	...	3 N. Clarke City	124	77	124	850	1954
25									"
	Hull, Usine D'energie Electrique de la Cité de:								
26	Waterworks	Brewery Crk.	...	Hull	20	14	18	348	1916
	Jonquière, Centrale de la Cité de:								
27	Jonquière #2	R.-au-Sable	...	Jonquière	47	..	47	800	1948
28	Jonquière #1	R.-au-Sable	...	Jonquière	47	..	47	800	1907
29									1924
	La Sarre Power Co.:								
30	No. 1	R. La Sarre	...	4 N.E. La Sarre	25	23	25	600	1928
31									"
32									"
33	No. 2	R. La Sarre	...	3 N.N.W. La Sarre	20	18	20	600	1936
34									1943
	Lower St. Lawrence Power Co.:[2]								
35	Price	Métis R.	...	N. Price	128	120	128	600	1922
36									1929
37	Grand Métis	Métis R.	...	2 N. Price	80	71	75	600	1947
	The James MacLaren Co. Ltd.:								
38	Dufferin Falls	Lièvre R.	...	Buckingham	69	..	62	..	1958
	MacLaren – Quebec Power Company:								
39	High Falls	Lièvre R.	...	7 N.N.D. de la Salette	200	165	180	5,180	1936
40									1930
41									"
42									"
43	Masson	Lièvre R.	...	Masson	201	169	185	4,846	1933
44									"
45									"
46									"
	The Manicouagan Power Co.:								
47	McCormick Dam	Manicouagan R.	...	10 E. Baie Comeau	125	110	122	19,000	1951
48									1952
49									1957
50									1958
51									"

[2] See Internal Combustion Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft^3 (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
IPM	R. Francis	450	200	3,600		1920	CGE	..	6,600	60	80	3,500	2,800		1
"	"	"	"	3,600		"	"	..	"	"	"	3,500	2,800		2
AC	"	360	"	8,500		1926	"	..	"	"	"	7,200	5,760		3
"	"	"	"	8,500	24,200	"	"	..	"	"	"	7,200	5,760	17,120	4
JMV	R. Francis	120	32	7,500		1920	CGE	5,000	2,300	60	80	6,750	5,400		5
BHM	"	"	"	7,500		"	"	"	"	"	"	6,750	5,400		6
JMV	"	"	"	7,500	22,500	1923	"	"	"	"	"	7,200	5,760	16,560	7
DG	R. Francis	138	38	2,500		1902	CGE	..	2,300	60	85	1,500	1,275		8
"	"	"	"	2,500		"	"	..	"	"	"	1,500	1,275		9
"	"	"	"	2,500		1904	"	..	"	"	"	1,500	1,275		10
WK	"	163	"	3,300		1909	"	..	11,000	"	"	2,000	1,700		11
"	"	"	"	3,300	14,100	1912	"	..	"	"	"	2,500	2,125	7,650	12
AC	R. Francis	277	54	2,400		1915	CGE	..	2,300	60	80	2,000	1,600		13
"	"	"	"	2,400		"	"	..	"	"	"	2,000	1,600		14
"	"	"	"	2,400	7,200	1920	"	..	"	"	"	2,000	1,600	4,800	15
VICK	R. Francis	150	12	1,250		..	EMM	..	2,400	60	80	1,250	1,000		16
VICK	"	"	"	1,250	2,500	..	"	..	"	"	"	1,250	1,000	2,000	17
IPM	R. Francis	300	50	2,300	2,300	1927	ASEA	..	6,600	60	80	2,150	1,720	1,720	18
BOV	R. Francis	900	200	525		1924	LANC	..	6,600	60	80	450	360		19
"	"	"	"	525		"	"	..	"	"	"	450	360		20
"	"	"	"	525	1,575	"	"	..	"	"	"	700	560	1,280	21
WH	R. Francis	720	75	600		1924	CGE	..	2,300	60	80	560	448		22
"	"	"	"	600	1,200	"	"	..	"	"	"	560	448	896	23
CAC	R. Francis	200	100	12,000		1954	CGE	2,100	13,600	60	80	11,000	8,800		24
"	"	"	"	12,000	24,000	"	"	"	"	"	"	11,000	8,800	17,600	25
GE	R.	100	18	1,000	1,000	1916	GE	..	2,300	60	80*	750	600*	600*	26
SMS	R. Prop.	257	47	4,030	4,030	1948	CGE	..	2,300/4,100	60	90	3,125	2,812	2,812	27
JM	R.	300	42	700		1907	CGE	..	2,300	60	80	450	360		28
WH	R.	"	"	1,600	2,500	1924	"	..	"	"	"	1,600	1,280	1,640	29
CAC	R. Francis	300	25	525		1928	CAC	..	6,900	60	85	400	340		30
"	"	"	"	525		1928	"	..	"	"	"	400	340		31
"	"	"	"	525	1,575	1937	CWC	..	"	"	"	500	425	1,105	32
DEW	R. Prop.	257	20	825		1938	WEST	..	2,300	60	85	625	530		33
ASF	"	"	"	360	1,185	1943	ASF	..	2,300	"	"	300	255	785	34
SMS	R. Francis	400	128	3,700		1922	WEST	150	4,000	60	80	3,000	2,400		35
"	"	360	120	5,900	9,600	1929	"	425	"	"	"	5,000	4,000	6,400	36
SMS	R. Francis	200	75	6,000	6,000	..	..	1,000	4,000	60	85	5,000	4,250	4,250	37
EE	R. Prop. K.	164	62	25,000	25,000	1958	CWC	38,180	13,200	60	85	22,500	19,125	19,125	38
CAC	R. Francis	180	180	32,500		1936	CWC	9,000	13,200	60	85	25,000	21,250		39
MSI	"	"	"	30,000		1930	"	"	"	"	"	25,000	21,250		40
"	"	"	"	30,000		"	"	"	"	"	"	25,000	21,250		41
"	"	"	"	30,000	122,500	"	"	"	"	"	"	25,000	21,250	85,000	42
CAC	R. Francis	167	185	34,000		1933	CWC	12,000	13,200	60	85	28,000	23,800		43
"	"	"	"	34,000		"	"	"	"	"	"	28,000	23,800		44
"	"	"	"	34,000		"	"	"	"	"	"	28,000	23,800		45
"	"	"	"	34,000	136,000	"	"	"	"	"	"	28,000	23,800	95,200	46
SMS	R. Francis	112	124	56,200		1951	GE	28,700	13,800	60	95	37,500	35,625		47
"	"	"	"	56,200		1952	"	"	"	"	"	37,500	35,625		48
AC	"	"	"	60,000		1957	"	34,000	"	"	80	50,000	40,000		49
"	"	"	"	60,000		1958	"	"	"	"	"	50,000	40,000		50
"	"	"	"	60,000	292,400	"	"	"	"	"	"	50,000	40,000	191,250	51

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in sercive
					Max.	Min.	Norm.		
	Quebec – Continued								
	Megantic, Town of:								
1	Gayhurst	Chaudière R.	...	1 O. Mégantic	65	60	63	400	1954
2									"
3	St. Cécile	Chaudière R.	...	6 Mégantic	28	24	26	400	1923
4									1931
	Mont Louis Seignory Limited:								
5	Mont Louis Seignory	R. Mont Louis	...	9 S. Mont Louis	150	..	..	..	1930
	Northern Quebec Power Co. Ltd.:								
6	Quinze Plant	Des Quinze R. (Upper Ottawa R.)	...	5 Angliers	91	81	87	10,067	1923
7									"
8									1928
9									"
10									1951
11									1955
	Ogilvie Flour Mills Co. Limited:[1]								
12	Ogilvie Flour Mills	Lachine C.	St. Lawrence R.	Mill St., Montreal	17	9	15	..	1948
13					"	"	"		"
14					27	11	23		1940
15					"	"	"		"
	Ottawa Valley Power Co.:								
16	Chats Falls	Ottawa R.	...	10 N.E. Arnprior	54	42	52	16,705	1932
17									"
18									"
19									"
	Parent, La Corporation Municipale du:								
20	Parent	R. Bazin	...	85 Parent	..	..	30	..	1957
	Pembroke Electric Light Company Ltd.:								
21	Waltham	Black R.	...	1 W. Waltham	132	126	129	900	1917
22									1940
23									1944
24									1950
25									1951
	Penman's Limited:								
26	St. Hyacinthe	Yamaska R.	...	10 S. St. Pie	16	8	12	26,400	1929
27									"
	Price Brothers & Co. Ltd.:								
28	Jim Gray (Chutess des Georges)	L. Lamothe	L. Brochet	7 N.W. St. David de Falardeau	338	325	336	1,800	1953
29									"
30	Murdock Willson	Shipshaw R.	...	Arvida	270	256	266	1,800	1957
31	Chute aux Galets	Shipshaw R.	...	5 N.W. St. David de Falardeau	102	97	101	1,800	1921
32									"
33	Chicoutimi	Chicoutimi R.	...	Chicoutimi	72	65	70	1,600	1923
34	Adam Cunningham	L. Brochet	Shipshaw R.	4 N.W. St. David de Falardeau	47	43	45	1,800	1953
35	Kénogami Lower Level	Au Sable R.	...	1 N. Kénogami	285	262	264	800	1912
36									"
37	Jonquière Mill	Au Sable R.	...	Jonquière	..	..	67	800	1916
38									"
	Quebec Hydro-Electric Commission:								
39	Bersimis # 1	L. Casse	Bersimis R.	½ N. Labrieville	860	785	840	9,200	1956
40									"
41									"
42									1957
43									"
44									1958
45									"
46									"

[1] See Steam Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
DEW	R. Francis	300	70	2,000		1954	MP	..	2,400	60	80	2,000	1,600		1
"	"	"	"	2,000	4,000	"	"	..	"	"	"	2,000	1,600	3,200	2
WK	R. Prop.	325	26	500		1923	ASEA	..	6,600	60	80	450	360		3
CAC	R. Francis	300	"	500	1,000	1931	"	..	"	"	"	450	360	720	4
ASEA	..	750	150	1,000	1,000	1930	ASEA	..	..	60	80*	750	600*	600*	5
ASEA	R. Francis	187	90	12,500		1923	ASEA	..	11,000	25	80	10,000	8,000		6
"	"	"	"	12,500		"	"	..	"	"	"	10,000	8,000		7
"	"	167	"	12,500		1928	"	..	"	"	"	13,500	10,800		8
"	"	"	"	12,500		"	"	..	"	"	"	13,500	10,800		9
CGE	"	107	"	34,500		1951	CGE	..	"	"	"	32,600	26,000		10
"	"	"	"	34,500	119,000	1955	"	..	"	"	"	32,500	26,000	89,600	11
DEW	R.	180	15	1,600		1948	CWC	505	2,300	60	60	1,420	850		12
"	"	"	"	1,600		"	"	"	"	"	"	1,420	850		13
"	"	257	23	400		1940	"	..	"	"	80	375	300		14
"	"	"	"	400	4,000	"	"	..	"	"	"	375	300	2,300	15
DEW	R. Prop.	120	53	28,000		1932	CWC	20,000	13,800	60	95	23,500	22,325		16
"	"	"	"	28,000		"	"	"	"	"	"	23,500	22,325		17
"	"	"	"	28,000		"	"	"	13,200	25	85	23,500	19,975		18
"	"	"	"	28,000	112,000	"	"	"	"	"	"	23,500	19,975	84,600	19
SMS	..	360	30	1,340*	1,340*	..	..	..	..	60*	100*	1,000	1,000	1,000	20
BOV	R. Francis	514	129	1,800		1917	WEST	..	2,500	60	80	1,563	1,250		21
LEF	"	"	"	2,250		1940	"	..	"	"	85	1,800	1,530		22
SMS	"	"	"	2,500		1944	"	..	"	"	80*	2,200	1,800		23
LEF	"	360	"	3,000		1950	"	..	"	"	"	2,812	2,250		24
"	"	"	"	3,000	12,550	1951	"	..	"	"	"	2,812	2,250	9,080	25
WH	R.	180	..	300		1929	CGE	50	600	60	80	325	260		26
"	"	"	..	300	600	"	"	"	"	"	"	325	260	520	27
CAC	R. Francis	277	338	35,000		1953	CWC	5,400	13,800	60	85	30,000	25,500		28
"	"	"	"	35,000	70,000	"	"	"	"	"	"	30,000	25,500	51,000	29
JOH	R. Francis	180	263	82,000	82,000	1957	CWC	26,000	13,800	60	85	60,000	51,000	51,000	30
SMS	R. Francis	189	101	8,820		1921	CGE	1,800	6,600	60	80	8,000	6,400		31
"	"	"	"	8,820	17,640	"	"	"	"	"	"	8,000	6,400	12,800	32
DEW	R. Francis	129	72	11,000	11,000	1923	CWC	4,725	6,600	60	90	11,000	9,900	9,900	33
CAC	R. Prop.	180	56	9,500	9,500	1953	CGE	2,200	6,900	60	85	7,500	6,375	6,375	34
ACB	R. Francis	600	264	3,350		1912	CWC	100	6,600	60	80	2,345	1,875		35
"	"	"	"	3,350	6,700	"	"	"	"	"	"	2,345	1,875	3,750	36
SMS	R. Francis	240	67	1,800		1926	CGE	..	6,600	60	80	1,500	1,200		37
"	"	"	"	1,625	3,425	1942	EE	200	"	"	"	1,500	1,200	2,400	38
EE	R. Francis	277	785	150,000		1956	MV	..	13,800	60	95	138,000	131,000		39
"	"	"	"	150,000		"	"	..	"	"	"	138,000	131,000		40
"	"	"	"	150,000		"	"	..	"	"	"	138,000	131,000		41
"	"	"	"	150,000		1957	"	..	"	"	"	138,000	131,000		42
NEYR	"	"	"	150,000		"	CGE	..	"	"	"	138,000	131,000		43
"	"	"	"	150,000		1958	"	..	"	"	"	138,000	131,000		44
"	"	"	"	150,000		"	"	..	"	"	"	138,000	131,000		45
"	"	"	"	150,000	1,200,000	"	"	..	"	"	"	138,000	131,000	1,048,000	46

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Quebec – Continued								
	Quebec Hydro-Electric Commission – Concluded:								
1	Beauharnois (Section 1.)	St. Lawrence R.	...	1 W. Beauharnois	81	76	80	84,300	1932
2									"
3									1935
4									1936
5									1939
6									1941
7									"
8									1948
9									1932
10									"
11									1934
12									1935
13									"
14									1941
15	Beauharnois (Section 2)	St. Lawrence R.	...	1 W. Beauharnois	81	76	80	75,700	1950
16									"
17									1951
18									"
19									"
20									"
21									1953
22									"
23									1952
24									1953
25									1952
26									"
27	Cedars Rapids	St. Lawrence R.	...	1½ E. Cedars	40	32	36	50,000	1915
28									"
29									"
30									"
31									"
32									"
33									1914
34									"
35									1915
36									1916
37									1924
38									"
39									1918
40									"
41									1922
42									"
43									1923
44									1924
45	Rapid VII	Upper Ottawa R.	...	38 S. Cadillac	74	65	68	6,500	1941
46									"
47									1946
48									1949
49	Montreal Island	R. des Prairies	...	½ S.W. St. Vincent de Paul	27	18	25	20,000	1929
50									"
51									1930
52									1929
53									"
54									1930
55	Rapid II	Upper Ottawa R.	...	28 S.S.W. Cadillac	72	60	67	5,000	1954
56									"
57									1957
	Quebec North Shore Paper Company:								
58	Outardes Falls	Outardes R.	...	½ E. Chutes aux Outardes	231	222	230	3,400	1937
59									"
	Quebec Power Company:								
60	Seven Falls	Ste. Anne R.	...	St. Fereol	416	402	410	470	1915
61									"
62									"
63									"
64	Montmorency Falls	Montmorency R.	St. Lawrence R.	½ E. Montmorency	222	208	209	225	1894
65									"
66									1898
67									1900
68	St. Raphael	Sad R.	...	2 N.E. St. Raphael	238	228	233	200	1926*
69									"
70									"

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
DEW	R. Francis	75	80	53,000		1932	CGE	110,000	12,000	60	80	46,625	37,300		1
"	"	"	"	53,000		"	"	"	"	"	"	46,625	37,300		2
"	"	"	"	53,000		1935	"	"	"	"	"	46,625	37,300		3
"	"	"	"	53,000		1936	"	"	"	"	"	46,625	37,300		4
"	"	"	"	53,000		1939	"	"	"	"	"	46,625	37,300		5
"	"	"	"	53,000		1941	"	"	"	"	"	46,625	37,300		6
"	"	"	"	53,000		"	"	"	"	"	"	46,625	37,300		7
"	"	"	"	53,000		1948	"	"	"	"	"	46,625	37,300		8
"	"	"	"	53,000		1932	"	"	"	"	"	46,625	37,300		9
"	"	"	"	53,000		"	"	"	"	"	"	46,625	37,300		10
"	"	"	"	53,000		1934	"	"	"	"	"	46,625	37,300		11
"	"	"	"	53,000		1935	"	"	"	"	"	46,625	37,300		12
"	"	"	"	53,000		"	"	"	"	"	"	46,625	37,300		13
"	"	"	"	53,000	742,000	1941	"	"	"	"	"	46,625	37,300	522,200	14
DEW	R. Francis	75	80	55,000*		1950	CWC	110,000	12,000	60	80	50,000	40,000		15
CAC	"	"	"	55,000*		"	CGE	"	"	"	"	50,000	40,000		16
DEW	"	"	"	55,000*		1951	CWC	"	"	"	"	50,000	40,000		17
CAC	"	"	"	55,000*		"	CGE	"	"	"	"	50,000	40,000		18
DEW	"	"	"	55,000*		"	CWC	"	"	"	"	50,000	40,000		19
CAC	"	"	"	55,000*		"	CGE	"	"	"	"	50,000	40,000		20
DEW	"	"	"	56,000*		1953	CWC	"	"	"	"	50,000	40,000		21
CAC	"	"	"	56,000*		"	CGE	"	"	"	"	50,000	40,000		22
DEW	"	"	"	56,000*		1952	CWC	"	"	"	"	50,000	40,000		23
CAC	"	"	"	56,000*		1953	CGE	"	"	"	"	50,000	40,000		24
DEW	"	"	"	56,000*		1952	CWC	"	"	"	"	50,000	40,000		25
CAC	"	"	"	56,000*	666,000	"	CGE	"	"	"	"	50,000	40,000	480,000	26
WSM	R. Francis	56	30	10,800		1915	GE	..	6,600	60	75	10,000	7,500		27
"	"	"	"	10,800		"	"	..	"	"	"	10,000	7,500		28
"	"	"	"	10,800		"	"	..	"	"	"	10,000	7,500		29
IPM	"	"	"	10,800		"	"	..	"	"	"	10,000	7,500		30
"	"	"	"	10,800		"	"	..	"	"	"	10,000	7,500		31
"	"	"	"	10,800		"	"	..	"	"	"	10,000	7,500		32
"	"	"	"	10,800		1914	"	..	"	"	"	10,000	7,500		33
"	"	"	"	10,800		"	"	..	"	"	"	10,000	7,500		34
"	"	"	"	10,800		1915	"	..	"	"	"	10,000	7,500		35
"	"	"	"	10,800		1916	"	..	"	"	"	10,000	7,500		36
DEW	"	"	"	11,300		1924	"	..	"	"	"	10,000	7,500		37
"	"	"	"	11,300		"	"	..	"	"	"	10,000	7,500		38
IPM	"	"	"	10,800		1918	"	..	"	"	"	10,000	7,500		39
"	"	"	"	10,800		"	"	..	"	"	"	10,000	7,500		40
DEW	"	"	"	11,300		1922	"	..	"	"	"	10,000	7,500		41
"	"	"	"	11,300		"	"	..	"	"	"	10,000	7,500		42
"	"	"	"	11,300		1923	"	..	"	"	"	10,000	7,500		43
"	"	"	"	11,300	197,400	1924	"	..	"	"	"	10,000	7,500	135,000	44
DEW	R. Francis	115	68	16,000		1941	CWC	..	13,800	25	80	15,000	12,000		45
"	"	"	"	16,000		"	"	..	"	"	"	15,000	12,000		46
"	"	"	"	16,000		1946	"	..	"	"	"	15,000	12,000		47
"	"	"	"	16,000	64,000	1949	"	..	"	60	"	15,000	12,000	48,000	48
DEW	R. Prop.	85	25	10,000		1929	CGE	..	12,000	60	75	10,000	7,500		49
"	"	"	"	10,000		"	"	..	"	"	"	10,000	7,500		50
"	"	"	"	10,000		1930	"	..	"	"	"	10,000	7,500		51
CAC	"	"	"	10,000		1929	"	..	"	"	"	10,000	7,500		52
"	"	"	"	10,000		"	"	..	"	"	"	10,000	7,500		53
"	"	"	"	10,000	60,000	1930	"	..	"	"	"	10,000	7,500	45,000	54
DEW	R. Francis	120	67	16,000		1954	CWC	..	6,900	60	80	15,000	12,000		55
"	"	"	"	16,000		"	"	..	"	"	"	15,000	12,000		56
"	"	"	"	16,000	48,000	1957	"	..	"	"	"	15,000	12,000	36,000	57
CAC	R. Francis	160	208	36,300		1937	CGE	..	6,600	60	95	26,315	25,000		58
"	"	"	"	36,300	72,600	"	"	..	"	"	"	26,315	25,000	50,000	59
AC	R. Francis	630	410	6,000		1915	CGE	..	6,600	63	60*	4,680	3,750*		60
"	"	"	"	6,000		"	"	..	"	"	"	4,680	3,750*		61
"	"	"	"	6,000		"	"	..	"	"	"	4,680	3,750*		62
"	"	"	"	6,000	24,000	"	"	..	"	"	"	4,680	3,750*	15,000*	63
SB	R.	272	208	1,000		1894	SKC	..	5,000	66⅔	..	..	500		64
"	"	"	"	1,000		"	"	..	"	"	..	..	500		65
"	"	"	"	1,000		1898	"	..	"	"	..	..	500		66
"	"	"	"	1,400	4,400	1900	"	..	5,600	"	..	..	600	2,100	67
BOV	R.	600	232	1,500		1921	CWC	..	2,200	60*	80*	850	680*		68
"	"	"	"	1,500		"	"	..	"	"	"	850	680*		69
"	"	"	"	1,500	4,500	"	"	..	"	"	"	850	680*	2,040*	70

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Quebec — Continued								
	Quebec Power Company — Concluded:								
1	Chaudière	Chaudière R.	...	1 N.E. St. Rédemteur	122	114	115	625	1900
2									"
3									1903
4	Natural Steps	Montmorency R.	...	½ N. St. Louis de Courville	74	60	61	286	1908
5	St. Gabriel	Jacques Cartier R.	...	4 N.W. Val St. Michel	38	32	33	760	1899
6									"
	Quebec Provincial Government (Dept. of Hydraulic Resources):								
7	Pont Arnault	Chicoutimi R.	...	Chicoutimi	56	56	56	1,200	1923
8									"
9									"
	Rivière-du-Loup, Cité de:[2]								
10	Rivière-du-Loup	R. du-Loup	...	Rivière-du-Loup	104	96	100	325	1929
11									1942
	Rolland Paper Co. Ltd.:								
12	Mont Rolland	North R.	...	⅓ S.W. Mont Rolland	..	..	100	128	1903
13									"
14									1912
15									1903
	Saguenay Electric Company:								
16	Chute-Garneau	Chicoutimi R.	...	3 S. Chicoutimi	35	33	34	1,200	1928
17	Belle Rivière	La Belle R.	...	8½ W. Herbertville Sta.	89	87	88	95	1927
	Saguenay Power Co. Ltd.:								
18	Isle Maligne	L. St. John	Saguenay R.	Isle Maligne	110	90	108	40,000	1925
19									"
20									1926
21									1937
22									1925
23									"
24									"
25									"
26									1928
27									1926
28									1925
29									"
	St. Lawrence Corporation Ltd:								
30	East Angus Mill	St. Francis R.	...	1 E. East Angus	35	30	33	407	..
	St. Maurice Power Corporation:								
31	La Tuque	St. Maurice R.	...	La Tuque	120	106	114	18,100	1940
32									"
33									"
34									"
35									1943
36									1955
	St. Raymond Paper Limited:								
37	Desbiens Mill	Matabetchouan R.	...	4 N. Desbiens	79	69	73	215	1922
	The Shawinigan Water and Power Co.:								
38	Trenche	St. Maurice R.	...	21 N.N.W. La Tuque	167	154	160	15,810	1951
39									"
40									"
41									1950
42									"
43									1955
44	Beaumont	St. Maurice R.	...	7 N. La Tuque	..	..	125	10,540	1958
45									"
46									"
47									

[2] See Internal Combustion Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
SMS	R.	400	114	1,400		1900	CGE	..	10,500	66⅔	80*	750	600*		1
"	"	"	"	1,400		"	"	..	"	"	"	750	600*		2
"	"	"	"	2,000	4,800	1903	ACB	..	"	"	"	1,000	800*	2,000*	3
ACB	R.	212	60	2,225	2,225	1908	ACB	..	5,500	66⅔	..	..	1,500	1,500	4
SMS	R.	161	32	1,100		1899	WEST	..	2,000	66⅔	..	..	750		5
"	"	"	"	1,100	2,200	"	"	..	"	"	..	..	750	1,500	6
SMS	R. Francis	277	56	2,500		..	WEST	..	2,400	60	80*	1,875	1,500*		7
"	"	"	"	2,500		..	"	..	"	"	"	1,875	1,500*		8
"	"	"	"	2,500	7,500	..	"	..	"	"	"	1,875	1,500*	4,500*	9
MSI	R. Prop.	600	100	960		1929	WEST	..	2,300	60	80	800	640		10
CV	"	400	"	1,800	2,760	1949	GE	..	2,400	"	"	1,500	1,250	1,690	11
SMS	R. Francis	514	100	250		1912	CCW	..	550	60	80	375	300		12
"	"	170	"	350		"	CFM	..	"	"	"	100	80		13
"	"	300	"	950		1947	CGE	..	"	"	"	219	175		14
"	"	400	"	225	1,775	1943	"	..	"	"	"	200	160	715	15
EW	R. Prop. F.	180	..	3,500	3,500	1928	WEST	..	13,200	60	90	2,800	2,520	2,520	16
GGG	R. Francis	600	..	800	800	1928	WEST	..	7,200	60	90	750	675	875	17
CAC	R. Francis	112	110	45,000		1925	CWC	31,100	13,200	60	80	35,000	28,000		18
"	"	"	"	45,000		"	"	"	"	"	"	35,000	28,000		19
"	"	"	"	45,000		1926	"	"	"	"	"	35,000	28,000		20
"	"	"	"	45,000		1937	"	"	"	"	"	35,000	28,000		21
"	"	"	"	45,000		1925	"	"	"	"	"	35,000	28,000		22
"	"	"	"	45,000		"	"	"	"	"	"	35,000	28,000		23
"	"	"	"	45,000		"	"	"	"	"	"	35,000	28,000		24
"	"	"	"	45,000		"	"	"	"	"	"	35,000	28,000		25
"	"	"	"	45,000		1928	"	"	"	"	"	35,000	28,000		26
"	"	"	"	45,000		1926	"	"	"	"	"	35,000	28,000		27
"	"	"	"	45,000		1925	"	"	"	"	"	35,000	28,000		28
"	"	"	"	45,000	540,000	"	"	"	"	"	"	35,000	28,000	336,000	29
..	..	..	..	1,400	1,400	1910	HOL	..	2,300	60	100	940	940	940	30
DEW	R. Francis	112	114	44,500		1940	CGE	34,530	11,000	60	90	40,000	36,000		31
"	"	"	"	44,500		"	"	"	"	"	"	40,000	36,000		32
"	"	"	"	44,500		"	"	"	"	"	"	40,000	36,000		33
"	"	"	"	44,500		"	"	"	"	"	"	40,000	36,000		34
"	"	"	"	44,500		1943	"	"	"	"	"	40,000	36,000		35
"	"	"	"	49,000	271,500	1955	"	"	"	"	"	40,000	36,000	216,000	36
SMS	R.	600	86	1,410	1,410	1922	CWC	..	2,300	60	85	1,175	1,000	1,000	37
DEW	R. Francis	129	160	65,000		1951	CGE	45,928	13,800	60	90	53,000	47,700		38
"	"	"	"	65,000		"	"	"	"	"	"	53,000	47,700		39
"	"	"	"	65,000		"	"	"	"	"	"	53,000	47,700		40
"	"	"	"	65,000		1950	"	"	"	"	"	53,000	47,700		41
"	"	"	"	65,000		"	"	"	"	"	"	53,000	47,700		42
"	"	"	"	65,000	390,000	1955	"	"	"	"	"	53,000	47,700	28,200	43
CAC	R. Francis	120	124	55,000		1958	CGE	..	13,800	60	90	45,000	40,500		44
"	"	"	"	55,000		"	"	..	"	"	"	45,000	40,500		45
"	"	"	"	55,000		"	"	..	"	"	"	45,000	40,500		46
"	"	"	"	55,000	220,000	"	"	..	"	"	"	45,000	40,500	162,000	47

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Quebec — Continued								
	The Shawinigan Water and Power Co. — Concluded:								
1	Rapide Blanc	St. Maurice R.	...	25 N.W. La Tuque	120	80	112	13,640	1955
2									1943
3									1934
4									"
5									"
6									"
7	Shawinigan # 2	St. Maurice R.	...	Shawinigan	149	143	145	22,830 (Includes # 3)	1911
8									"
9									1913
10									1914
11									"
12									1922
13									1928
14									1929
15	Shawinigan # 3	St. Maurice R.	...	Shawinigan	149	143	145	(Included in # 2)	1948
16									1949
17									"
18	Grand'Mère	St. Maurice R.	...	Grand'Mère	87	58	83	20,460	1915
19									"
20									"
21									1916
22									"
23									"
24									1921
25									1922
26									1930
27	La Gavelle	St. Maurice R.	...	7 S. Shawinigan	70	46	60	20,190	1924
28									"
29									"
30									"
31									1931
32	St. Narcisse	Batiscan R.	...	4 W.N.W. Ste. Geneviève	164	147	160	1,340	1926
33									"
34	St. Alban	Ste. Anne R.	...	1 S. St. Alban	70	60	69	540	1927
	Sherbrooke, City of:								
35	Westbury	St. Francis R.	...	2½ N.E. East Angus	32	30	32	1,450	1928
36									"
37	Weedon	St. Francis R.	...	2¼ S. Weedon	..	..	30	990	1920
38									"
39									1926
40	Rock Forest	Magog R.	...	½ S.W. Rock Forest	34	30	33	..	1911
41									"
42	Frontenac	Magog R.	...	Sherbrooke	42	38	40	520	1917
43									"
44	Drummond	Magog R.	...	Sherbrooke	13	11	12	..	1928
	Sherbrooke Land and Water Power Co. Ltd.:								
45	Sherbrooke	Magog R.	...	Sherbrooke	24	23	24	875	1927
46									"
	Sherbrooke Railway and Power Co. Ltd:								
47	Sherbrooke	Magog R.	...	Sherbrooke	57	46	55	..	1910
48									"
49									"
	Smelter Power Corporation:								
50	Chicoutimi	Chicoutimi R.	...	Chicoutimi	275	270	272	900	1957
	Southern Canada Power Co. Ltd.:								
51	Hemmings Falls	St. Francis R.	...	3 S. Drummondville	55	46	48	4,700	1925
52									"
53									"
54									"
55									"
56									"

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
DEW	R. Francis	109	108	44,500		1955	ASEA	34,800	11,000	60	85	36,000	30,600		1
"	"	"	"	40,000		1943	CWC	34,217	"	"	"	36,000	30,600		2
"	"	"	"	40,000		1934	"	"	"	"	"	36,000	30,600		3
"	"	"	"	40,000		"	"	"	"	"	"	36,000	30,600		4
"	"	"	"	40,000		"	"	"	"	"	"	36,000	30,600		5
"	"	"	"	40,000	244,500	"	"	"	"	"	"	36,000	30,600	183,600	6
DEW	R. Francis	225	145	18,500		1911	CWC	4,600	6,600	60	80	17,500	14,000		7
"	"	"	"	18,500		"	"	"	"	"	"	17,500	14,000		8
IPM	"	"	"	18,500		1913	"	5,470	"	"	"	18,750	15,000		9
"	"	"	"	18,500		1914	"	4,800	"	"	"	18,750	15,000		10
"	"	"	"	18,500		"	"	3,762	"	"	"	18,750	15,000		11
DEW	"	138	146	43,000		1922	CGE	34,000	11,000	"	75	40,000	30,000		12
"	"	"	"	43,000		1928	"	38,000	"	"	"	40,000	30,000		13
"	"	"	"	43,000	221,500	1929	"	"	"	"	"	40,000	30,000	163,000	14
DEW	R. Francis	120	145	65,000		1948	CGE	56,323	13,800	60	80	62,500	50,000		15
"	"	"	"	65,000		1949	"	"	"	"	"	62,500	50,000		16
"	"	"	"	65,000	195,000	"	"	"	"	"	"	62,500	50,000	150,000	17
DEW	R. Francis	120	76	22,000		1915	WEST	11,400	6,600	60	85	18,500	15,700		18
"	"	"	"	22,000		"	"	"	"	"	"	18,500	15,700		19
"	"	"	"	22,000		"	"	"	"	"	"	18,500	15,700		20
"	"	"	"	22,000		1916	"	"	"	"	"	18,500	15,700		21
"	"	"	"	22,000		"	"	"	"	"	"	18,500	15,700		22
"	"	"	"	22,000		"	"	"	"	"	"	18,500	15,700		23
"	"	"	83	22,000		1921	CWC	"	"	"	"	18,500	15,700		24
"	"	"	"	22,000		1922	"	"	"	"	"	18,500	15,700		25
"	"	"	80	24,500	200,500	1930	"	19,480	"	"	80	25,000	20,000	145,600	26
DEW	R. Prop.	120	63	36,000		1924	CWC	28,150	6,600	60	75	33,000	24,700		27
"	"	"	"	32,000		"	"	"	"	"	"	33,000	24,700		28
"	"	"	"	36,000		"	"	"	"	"	"	33,000	24,700		29
"	"	"	"	36,000		"	"	"	"	"	"	33,000	24,700		30
"	"	"	60	32,000	172,000	1931	"	27,000	"	"	"	33,000	24,700	123,500	31
DEW	R. Francis	180	147	11,100		1926	CWC	2,400	6,600	60	75	10,000	7,500		32
"	"	"	"	11,100	22,200	"	"	"	"	"	"	10,000	7,500	15,000	33
VICK	R. Prop.	360	64	4,000	4,000	1927	CGE	190	2,000/2,400	60	75	4,000	3,000	3,000	34
DEW	R. Prop.	150	28	2,900		1928	CGE	..	2,300	60	60	2,500	2,000		35
"	"	"	"	2,900	5,800	"	"	..	"	"	"	2,500	2,000	4,000	36
BOV	R. Francis	225	30	1,700		1926	CWC	..	2,200	60	80*	1,300	1,040*		37
"	"	"	"	1,700		"	"	..	"	"	"	1,300	1,040*		38
"	"	"	29	1,700	5,100	"	CGE	..	2,400	"	"	1,300	1,040*	3,120	39
SMS	R. Francis	180	30	1,500		1911	CWC	..	6,600	60	..	..	940		40
"	"	"	"	1,500	3,000	"	"	..	"	"	..	..	940	1,880	41
BOV	R. Francis	300	38	1,450		1917	CGE	..	2,400	60	80*	1,000	800*		42
"	"	"	"	1,450	2,900	"	"	..	"	"	"	1,000	800*	1,600	43
DEW	R. Prop.	120	13	1,000	1,000	1928	CGE	..	2,300	60	80	725	580	580	44
DEW	R. Prop.	180	22	1,100		1927	CGE	..	2,400	60	80*	900	720*		45
"	"	"	"	1,100	2,200	"	"	..	"	"	"	900	720*	1,440*	46
BOV	R.	360	57	1,333		1910	GE	..	2,300	60	80	1,240	995		47
"	"	"	"	1,333		"	"	..	"	"	"	1,240	995		48
"	"	"	"	1,333	3,999	"	"	..	"	"	"	1,240	995	2,985	49
SMS	R. Francis	257	273	42,000	42,000	1957	CGE	..	13,800	60	80	40,000	32,000	32,000	50
DEW	R. Prop.*	150	50	5,600		1925	CGE	..	6,600	60	80	6,000	4,800*		51
"	"	"	"	5,600		"	"	..	"	"	"	6,000	4,800*		52
"	"	"	"	5,600		"	"	..	"	"	"	6,000	4,800*		53
"	"	"	"	5,600		"	"	..	"	"	"	6,000	4,800*		54
"	"	"	"	5,600		"	"	..	"	"	"	6,000	4,800*		55
"	"	"	"	5,600	33,600	"	"	..	"	"	"	6,000	4,800*	28,800*	56

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Quebec – Concluded								
	Sothern Canada Power Co. Ltd. – Concluded:								
1	Drummondville	St. Francis R.	...	Drummondville	30	26	27	..	1910
2									"
3									1925
4									"
5	Burroughs Falls	Nigger R.	...	2 S.E. Ayer's Cliff	182	172	181	..	1929
	Tadoussac, Service de L'Electricité:								
6	Moulin à Baude	R. Moulin à Baude	St. Lawrence	2½ W. Tadoussac	165	165	165	..	1942
7									1954
8	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...
9	Total generator name plate rating for plants under 500 kw. (Includes 1 plant over 500 kw. for which detailed information not available)	...	...	...	...	...	...	...	...
10	Total name plate rating of all hydro-electric generators in the province of Que.	...	...	...	...	...	...	...	...
	Ontario								
	Abitibi Power and Paper Co. Ltd.:[1]								
11	Iroquois Falls	Abitibi R.	...	Iroquois Falls	43	30	43	5,300	1949 R
12									"
13									1949
14									"
15									"
16									"
17									"
18									1949 R
19									"
20									"
21									"
22									"
23									"
24									"
25	Island Falls	Abitibi R.	...	4 S. Cochrane	65	47	82	6,100	1924
26									"
27									1925
28									"
29	Smooth Rock	Mattagami R.	...	Smooth Rock Falls	52	34	49	1,600	1916
30									"
31	Sturgeon Falls	Sturgeon R.	...	Sturgeon Falls	40	28	39	2,000	1951 R
32									1902
33									1922
34									"
35									"
36	Twin Falls	Abitibi L.	Abitibi R.	4½ Iroquois Falls	58	49	55	4,400	1921
37									"
38									"
39									"
40									1925
	Almonte Public Utilities Commission:								
41	Almonte	Mississippi R.	...	Almonte	30	28	29	650	1928
42									1925
	Bracebridge Water Light & Power Commission:								
43	High-Falls	Muskoka R.	...	4 Bracebridge	48	..	..	..	1948
44	Wilson's Falls	Muskoka R.	...	1 Bracebridge	34	..	..	..	1908
45	Bracebridge Falls	Muskoka R.	...	Bracebridge	36	..	..	110	1937
46									1957
	Campbellford Public Utilities Commission:								
47	Crow Bay	Trent C.	...	2 N. Campbellford	25	21	21	..	1909*
48									1911*

[1] See Steam Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
BOV	R. Francis	100	30	3,200		1910	CWC	..	4,000	60	80	3,125	2,500*		1
"	"	"	"	3,200		"	"	..	"	"	"	3,125	2,500*		2
DEW	R. Prop.	138	"	6,000		1925	"	..	"	"	"	6,000	4,800*		3
"	"	"	"	6,000	18,400	"	"	..	"	"	"	6,000	4,800*	14,600	4
MSI	R.	600	165	2,000	2,000	1929	CGE	..	4,000	60	80	2,000	1,600	1,600	5
BARB	R. Francis	900	165	250		1942	EE	..	2,300	60	80	219	175		6
"	"	"	"	500	750	1954	"	..	2,400	"	"	500	400	575	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	6,972,966	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	7,549	9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	6,980,515	10
NB	R.	240	43	2,200		1949 R	CWC	..	12,500	25	80	1,500	1,200		11
HOL	"	"	"	1,800		"	"	..	"	"	"	1,500	1,200		12
SMS	"	"	"	2,500		1949	"	..	"	60	90	2,250	2,025		13
"	"	"	"	2,500		"	"	..	"	"	"	2,250	2,025		14
"	"	"	"	2,500		"	"	..	"	"	"	2,250	2,025		15
"	"	"	"	2,500		"	"	..	"	"	"	2,250	2,025		16
"	"	"	"	2,500		"	"	..	"	"	"	2,250	2,025		17
NB	"	"	"	2,200		1949 R	"	..	600	"	80	1,600	1,280		18
"	"	"	"	2,200		"	"	..	"	"	"	1,600	1,280		19
"	"	"	"	2,200		"	"	..	"	"	"	1,600	1,280		20
"	"	"	"	2,200		"	"	..	"	"	"	1,600	1,280		21
"	"	"	"	2,200		"	"	..	"	"	"	1,600	1,280		22
"	"	"	"	2,200		"	"	..	"	"	"	1,600	1,280		23
HOL	"	"	"	1,800	31,500	"	"	..	"	"	"	1,600	1,280	21,485	24
IPM	R. Francis	175	65	12,000		1924	CGE	..	12,500	25	80	12,000	9,600		25
"	"	"	"	12,000		"	"	..	"	"	"	12,000	9,600		26
"	"	128	"	12,000		1925	"	..	"	60	"	12,000	9,600		27
"	"	"	"	12,000	48,000	"	"	..	"	"	"	12,000	9,600	38,400	28
IPM	R. Francis	112	45	4,500		1916	CGE	..	600	60	94	3,125	2,960		29
"	"	"	"	4,500	9,000	"	"	..	"	"	"	3,125	2,980	5,920	30
WK	R.	180	41	2,500		1902	CWC	..	2,200	60	80	2,000	1,600		31
SMS	"	240	35	1,090		1942 R	"	..	"	"	"	1,875	1,500		32
HOL	"	"	"	2,000		"	"	..	"	"	"	1,875	1,500		33
"	"	"	"	2,000		"	"	..	"	"	"	1,875	1,500		34
"	"	"	"	2,000	9,590	1952 R	CGE	..	"	"	100	1,575	1,575	7,675	35
IPM	R. Francis	128	58	6,000		1921	CWC	..	13,200	60	90	4,500	4,050		36
"	"	"	"	6,000		"	"	..	"	"	"	4,500	4,050		37
"	"	"	"	6,000		"	"	..	"	"	"	4,500	4,050		38
"	"	"	"	6,000		"	"	..	"	"	"	4,500	4,050		39
"	"	"	"	6,000	30,000	1925	"	..	"	"	"	4,500	4,050	20,250	40
SMS	..	257	..	650		1928	EE	..	2,200	60	80	550	440		41
CB	..	120	..	425	1,075	1924	EM	..	"	"	"	500	400	840	42
CB	..	360	44	1,200	1,200	1948	CGE	..	6,900	60	80	1,000	800	800	43
WK	R.	300	34	750	750	1908	CGE	..	4,160	60	80	750	600	600	44
CB	..	400	35	300		1902	CGE	..	4,160	60	80	375	300		45
"	..	"	"	300	600	1905	"	..	"	"	"	375	300	600	46
SMS*	R.*	150*	..	1,470*		1908	ASEA	..	2,400	60	80	..	1,100		47
"*	"*	120*	..	1,900*	3,370*	1912	AC	..	"	"	90	..	1,000	2,100	48

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Ontario – Continued								
	Canadian General Electric Co. Ltd.:[1,2]								
1	Nassau	Otonabee R.	...	3 N. Peterborough	18	10	16	..	1902
2									"
3									1926
	Canadian Niagara Power Co. Ltd.:								
4	Rankine	Niagara R.	...	1 S. Niagara Falls	128	124	126	6,358	1904
5									"
6									1905
7									1906
8									"
9									1910
10									1913
11									1916
12									"
13									1917
14									1924
	Dryden Paper Co. Ltd.:[1]								
15	Eagle River	Eagle R.	...	Eagle R.	35	31	34	600	1928
16	Dryden	Wabigoon R.	...	Dryden	46	42	45	450	1912
17									"
18	McKenzie Falls	Eagle R.	...	1½ N. Eagle R.	27	24	26	600	1938
19	Wainwright Falls	Wabigoon R.	...	4 N.W. Dryden	28	..	28	415	1921
	The E.B. Eddy Company:[1]								
20	Eddy	Ottawa R.	...	Ottawa	40	30	38	4,000	1909
21									"
22									1912
	Gananoque Electric Light & Water Supply Co. Ltd.:[2]								
23	Jones Falls	Rideau C.	...	3 W. Morton	62	58	60	200	1948
24									"
25									1950
26									"
27	Kingston Mills	Rideau C.	...	5 N.E. Kingston	46	44	45	210	1919
28									1926
29	Brewers Mills	Rideau C.	...	3 N. Joyceville	18	14	16	200	1940
30									"
31									"
32	Ganonoque	Gananoque R.	St. Lawrence R.	Gananoque	22	18	20	250	1939
	Great Lakes Power Co. Ltd.:[1]								
33	Upper Falls	Montreal R.	...	92 N. Sault Ste. Marie	249	..	201	1,047	1937
34									1940
35									1957
36	High Falls	Michipicoten R.	...	16 S.E. Jamestown	149	144	147	1,898	1930
37									"
38									1950
39	Sault Ste. Marie	L. Superior	St. Mary's R.	Sault Ste. Marie	..	..	19	17,987	1918
40									"
41									"
42									"
43									"
44									"
45									"
46									"
47									"
48									"
49									"
50									"
51									"
52									"
53									"
54									"
55									"
56									"
57									"
58									"
59									"
60									"
61									"
62									"
63									1921
64									"
65									"
66									1931

[1] See Steam Equipment Section

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
WK	R. Francis	120	16	2,000		1922	CGE	..	6,600	60	80	1,875	1,500		1
"	"	138	"	500		1902	"	..	"	"	"	450	360		2
WH	"	"	"	500	3,000	"	"	..	"	"	"	450	360	2,220	3
EW	R. Francis	250	133	10,250		1904	CGE	3,220	12,000	25	85	8,800*	7,500		4
"	"	"	"	10,250		"	"	"	"	"	"	8,800*	7,500		5
"	"	"	"	10,250		1905	"	"	"	"	"	8,800*	7,500		6
IPM	"	"	"	10,250		1906	"	"	"	"	"	8,800*	7,500		7
"	"	"	"	10,250		"	"	"	"	"	"	8,800*	7,500		8
BES	"	"	"	12,500		1910	CWC	2,750	"	"	90	10,400*	9,375		9
"	"	"	"	12,500		1913	"	"	"	"	"	10,400*	9,375		10
WSM	"	"	"	10,750		1916	"	"	"	"	"	10,400*	9,375		11
"	"	"	"	10,750		"	"	"	"	"	"	10,400*	9,375		12
"	"	"	"	10,750		1917	"	"	"	"	"	10,400*	9,375		13
AC	"	"	"	12,000	120,500	1924	"	"	"	"	"	11,400*	10,000	94,675	14
SMS	R. Francis	164	37	2,000	2,000	1928	CGE	..	2,300	60	80	2,200	1,760	1,760	15
SMS	R. Francis	360	45	950		1912	LANC	..	600	60	80	750	600		16
"	"	"	"	950	1,900	"	"	..	"	"	"	750	600	1,200	17
MSI	R. Prop. K.	240	26	1,485	1,485	1938	CGE	..	2,400	60	80	1,400	1,120	1,120	18
SMS	R. Prop.	225	29	1,400	1,400	1928	CWC	..	11,000	60	80	1,250	1,000	1,000	19
SMS	R. Francis	164	38	4,650		1909	ACB	..	2,200	60	85	3,500	3,000		20
"	"	"	"	4,650		"	"	..	"	"	"	3,500	3,000		21
"	"	"	"	4,650	13,950	1912	"	..	"	"	80	4,150	3,320	9,320	22
CAC	R. Francis	720	65	250		1948	CGE	..	2,300	60	80	225	180		23
"	"	514	58	1,037		"	"	..	"	"	"	1,000	800		24
"	"	"	"	1,037		1950	"	..	"	"	"	1,000	800		25
"	"	400	"	1,500	3,824	"	"	..	"	"	"	1,000	800	2,580	26
CAC	R. Francis	..	45	850		1914	CGE	..	2,400	60	80	600*	480*		27
BOV	"			1,150	2,000	1926	"	..	"	"	"	1,000	800	1,280*	28
WH	R. Francis	150	20	400		1940	CGE	..	550	60	80	312	300		29
"	"	"	"	400		"	"	..	"	"	"	312	300		30
"	"	"	"	400	1,200	"	"	..	"	"	"	312	300	900	31
WH	R. Francis	100	20	800	800	1939	CGE	..	550	60	90	667*	600	600	32
SMS	R. Francis	277	186	9,750		1937	CGE	1,500	11,000	60	90	10,000	9,000		33
"	"	"	"	9,750		1940	"	"	"	"	"	10,000	9,000		34
"	"	240	201	31,000	50,500	1957	"	4,854	11,500	"	"	25,000	22,500	40,500	35
SMS	R. Francis	240	147	11,000		1930	CGE	1,200	11,000	60	90	7,500	6,750		36
"	"	"	"	11,000		"	"	1,700	"	"	"	7,500	6,750		37
"	"	"	"	13,200	35,200	1950	"	1,900	"	"	"	10,750	9,675	23,175	38
AC	R. Francis	136	19	900		1918	CWC	185	2,300	25	100	650	650		39
"	"	"	"	900		"	"	"	"	"	"	650	650		40
"	"	"	"	900		"	"	"	"	"	"	650	650		41
"	"	"	"	900		"	"	"	"	"	"	650	650		42
"	"	"	"	900		"	"	"	"	"	"	650	650		43
"	"	"	"	900		"	"	"	"	"	"	650	650		44
"	"	"	"	900		"	"	"	"	"	"	650	650		45
"	"	"	"	900		"	"	"	"	"	"	650	650		46
"	"	"	"	900		"	"	"	"	"	"	650	650		47
"	"	"	"	900		"	"	"	"	"	"	650	650		48
"	"	"	"	900		"	"	"	"	"	"	650	650		49
"	"	"	"	900		"	"	"	"	"	"	650	650		50
"	"	"	"	900		"	"	"	"	"	"	650	650		51
"	"	"	"	900		"	"	"	"	"	"	650	650		52
"	"	"	"	900		"	"	"	"	"	"	650	650		53
"	"	"	"	900		"	"	"	"	"	"	650	650		54
"	"	"	"	900		"	"	"	"	"	"	650	650		55
"	"	"	"	900		"	"	"	"	"	"	650	650		56
"	"	138	"	900		"	"	180	"	60	"	650	650		57
"	"	"	"	900		"	"	"	"	"	"	650	650		58
"	"	"	"	900		"	"	"	"	"	"	650	650		59
"	"	"	"	900		"	"	"	"	"	"	650	650		60
"	"	"	"	900		"	"	"	"	"	"	650	650		61
"	"	"	"	900		"	"	"	"	"	"	650	650		62
IPM	"	65	"	2,400		1921	CGE	2,200	"	"	80	1,800	1,440		63
"	"	"	"	2,400		"	"	"	"	"	"	1,800	1,440		64
"	"	"	"	2,400		"	"	"	"	25	"	1,800	1,440		65
JMV	R. Prop. K.	120	"	2,200	31,000	1931	ASEA	770	2,400	60	"	2,000	1,600	21,520	66

[1] See Internal Combustion Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Ontario — Continued								
	Great Lakes Power Co. Ltd.[1] — Concluded:								
1	Gartshore Falls	Montreal R.	...	81 N. Sault Ste. Marie	..	..	115	1,850	1958
2	Lower Falls	Montreal R.	...	78 N. Sault Ste. Marie	185	175	180	865	1938
3									1941
4	Scott Falls	Michipicoten R.*	...	16 S.E. Jamestown	75	59	70	1,903	1952
5									"
6	McPhail Falls	Michipicoten R.	...	10 S.E. Jamestown	51	47	48	1,699	1954
7									"
	The Huronian Co. Ltd.:								
8	Big Eddy	Spanish R.	...	12 N. Nairn Centre	100	85	95	1,905	1929
9									"
10									"
11	High Falls	Spanish R.	...	11 N. Nairn Centre	65	80	83	1,905	1905
12									1912
13									"
14									1905
15									1918
16	Nairn	Spanish R.	...	2 N.E. Nairn Centre	28	22	25	1,905	1917
17									"
18									"
19	Wabageshik	Vermillion R.	...	8 S.E. Nairn Centre	70	68	69	1,035	1912
20									1935
	Hydro-Electric Power Commission of Ontario:[1,2]								
21	Sir Adam Beck # 2	Niagara R.	...	1 S. Queenston	305	292	291	41,740	1954
22									"
23									"
24									"
25									"
26									"
27									"
28									1955
29									"
30									"
31									"
32									"
33									1957
34									"
35									1958
36									"
37	Sir Adam Beck # 1	Niagara R.	...	1 S. Queenston	316	289	291	16,878	1922
38									"
39									"
40									"
41									1923
42									1924
43									"
44									1925
45									"
46									1930
47	R. H. Saunders	St. Lawrence R.	...	Cornwall	87	75	81	20,680	1958
48									"
49									"
50									"
51									"
52									"
53									"
54	Des Joachims	Ottawa R.	...	36 N.W. Pembroke	136	118	133	26,384	1950
55									"
56									"
57									"
58									"
59									"
60									"
61									1951
62	Otto Holden	Ottawa R.	...	4 N. Mattawa	86	60	80	23,501	1952
63									"
64									"
65									"
66									"
67									"
68									"
69									1953

[1] See Steam Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
DEW	R. Prop. K.	240	112	30,300	30,300	1958	CWC	4,500	11,500	60	90	22,222	20,000	20,000	1
SMS	R. Francis	257	185	10,900		1938	CGE	1,700	11,000	60	90	9,000	8,100		2
"	"	"	"	10,900	21,800	1941	"	"	"	"	"	9,000	8,100	16,200	3
SMS	R. Prop. K.	225	70	10,000		1952	CGE	1,610	12,500	60	80	8,500	6,800		4
"	"	"	"	10,000	20,000	"	"	"	"	"	"	8,500	6,800	13,600	5
SMS	R. Prop. K.	200	48	7,500		1954	CGE	1,100	11,500	60	100	5,000	5,000		6
"	"	"	"	7,500	15,000	"	"	"	"	"	"	5,000	5,000	10,000	7
IPM	R. Francis	187	90	9,400		1929	CWC	2,450	6,600	25	90	8,000	7,200		8
"	"	"	"	9,400		"	"	"	"	"	"	8,000	7,200		9
"	"	"	"	9,400	28,200	"	"	"	"	"	"	8,000	7,200	21,600	10
DEW	R. Francis	375	85	3,550		1905	CRW	..	2,400	25	100	2,000	2,000		11
"	"	"	"	3,550		1912	CCW	..	"	"	"	2,000	2,000		12
"	"	"	"	3,550		"	"	..	"	"	"	2,000	2,000		13
"	"	"	"	3,550		1905	CRW	..	"	"	"	2,000	2,000		14
IPM	"	150	"	7,500	21,700	1918	CWC	..	"	"	"	5,550	5,550	13,550	15
AC	R. Francis	100	30	2,600		1917	AC	..	2,200	60	100	1,500	1,500		16
"	"	"	"	2,600		"	"	..	"	"	"	1,500	1,500		17
"	"	"	"	2,250*	7,450*	1919	CGE	..	"	"	"	1,875	1,875	4,875	18
AC	R. Francis	300	70	2,700		1912	AC	..	2,200	60	..	..	1,500		19
ING	"	360	"	2,700	5,400	1935	CGE	..	2,300	"	80	2,675	2,130	3,630	20
DEW	R. Francis	150	292	105,000		1954	CGE	45,000	13,800	60	95	80,500	76,475		21
"	"	"	"	105,000		"	CWC	60,285	"	"	"	80,500	76,475		22
"	"	"	"	105,000		"	CGE	45,000	"	"	"	80,500	76,475		23
"	"	"	"	105,000		"	CWC	60,285	"	"	"	80,500	76,475		24
"	"	"	"	105,000		"	CGE	45,000	"	"	"	80,500	76,475		25
"	"	"	"	105,000		"	CWC	60,285	"	"	"	80,500	76,475		26
"	"	"	"	105,000		"	CGE	45,000	"	"	"	80,500	76,475		27
"	"	"	"	105,000		1955	CWC	60,285	"	"	"	80,500	76,475		28
"	"	"	"	105,000		"	CGE	45,000	"	"	"	80,500	76,475		29
"	"	"	"	105,000		"	CWC	60,285	"	"	"	80,500	76,475		30
"	"	"	"	105,000		"	CGE	45,000	"	"	"	80,500	76,475		31
"	"	"	"	105,000		"	CWC	60,285	"	"	"	80,500	76,475		32
"	"	"	"	105,000		1957	CGE	45,000	"	"	"	80,500	76,475		33
"	"	"	"	105,000		"	CWC	60,285	"	"	"	80,500	76,475		34
"	"	"	"	105,000		1958	CGE	45,000	"	"	"	80,500	76,475		35
"	"	"	"	105,000	1,680,000	"	CWC	60,285	"	"	"	80,500	76,475	1,223,600	36
WSM	R. Francis	187	305	55,000		1922	CWC	21,700	12,000	25	80	45,000	36,000		37
"	"	"	"	55,000		"	"	"	"	"	"	45,000	36,000		38
CR	"	"	"	55,000		"	"	"	"	"	"	45,000	36,000		39
"	"	"	"	55,000		"	CGE	21,500	"	"	"	45,000	36,000		40
"	"	"	"	55,000		1923	"	"	"	"	"	45,000	36,000		41
DEW	"	"	294	58,000		1924	CWC	21,700	"	"	"	55,000	44,000		42
"	"	"	"	58,000		"	CGE	21,500	"	"	"	54,000	43,200		43
"	"	"	"	58,000		1925	"	"	"	"	"	54,000	43,200		44
"	"	"	"	58,000		"	"	"	13,800	60	85	55,000	46,750		45
"	"	"	"	58,000	585,000	1930	CWC	21,700	"	"	"	55,000	46,750	403,900	46
EE	R. Prop. F.	95	81	75,000		1958	CGE	82,100	13,800	60	95	60,000	57,000		47
"	"	"	"	75,000		"	"	"	"	"	"	60,000	57,000		48
"	"	"	"	75,000		"	CWC	89,500	"	"	"	60,000	57,000		49
"	"	"	"	75,000		"	"	"	"	"	"	60,000	57,000		50
"	"	"	"	75,000		"	CGE	82,100	"	"	"	60,000	57,000		51
"	"	"	"	75,000		"	"	"	"	"	"	60,000	57,000		52
"	"	"	"	75,000	525,000	"	CWC	89,500	"	"	"	60,000	57,000	399,000	53
DEW	R. Francis	106	130	62,000		1950	CWC	64,185	13,800	60	90	50,000	45,000		54
"	"	"	"	62,000		"	"	"	"	"	"	50,000	45,000		55
"	"	"	"	62,000		"	"	"	"	"	"	50,000	45,000		56
"	"	"	"	62,000		"	"	"	"	"	"	50,000	45,000		57
"	"	"	"	62,000		"	"	"	"	"	"	50,000	45,000		58
"	"	"	"	62,000		"	"	"	"	"	"	50,000	45,000		59
"	"	"	"	62,000		"	"	"	"	"	"	50,000	45,000		60
"	"	"	"	62,000	496,000	1951	"	"	"	"	"	50,000	45,000	360,000	61
CAC	R. Francis	95	77	35,000		1952	CWC	51,665	13,800	60	95	27,000	25,650		62
"	"	"	"	35,000		"	"	"	"	"	"	27,000	25,650		63
"	"	"	"	35,000		"	"	"	"	"	"	27,000	25,650		64
"	"	"	"	35,000		"	"	"	"	"	"	27,000	25,650		65
ING	"	"	"	33,000		"	"	"	"	"	"	27,000	25,650		66
"	"	"	"	33,000		"	"	"	"	"	"	27,000	25,650		67
"	"	"	"	33,000		"	"	"	"	"	"	27,000	25,650		68
"	"	"	"	33,000	272,000	1953	"	"	"	"	"	27,000	25,650	205,200	69

[1] See Internal Combustion Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Ontario—Continued								
	Hydro-Electric Power Commission of Ontario[1,2]—Continued:								
1	Sir Adam Beck # 2 (Pumping generating station)	Niagara R.	...	1 S. Queenston	90	38	85 to 60	..	1957
2									"
3									"
4									1958
5									"
6									"
7	Abitibi Canyon	Abitibi R.	...	82 N. Cochrane	239	227	235	8,018	1933
8									"
9									1936
10									"
11	Ontario Power	Niagara R.	...	Niagara Falls	217	200	205	9,511	1905
12									"
13									"
14									1906
15									1908
16									"
17									1909
18									1910
19									1911
20									"
21									1913
22									"
23									"
24									1914
25									1919
26	Pine Portage	Nipigon R.	...	21 N. Nipigon	108	100	105	11,593	1950
27									"
28									1954
29									"
30	Chenaux	Ottawa R.	...	8 N. Renfrew	39	29	37	32,643	1950
31									"
32									1951
33									"
34									"
35									"
36									"
37									"
38	Decew Falls # 2	Welland Ship C.	12 Mile Crk.	3 S. St. Catherines	291	277	283	4,167	1943
39									1947
40	Toronto Power	Niagara R.	...	Niagara Falls	142	125	134	9,282	1915
41									"
42									1914
43									1913
44									1912
45									"
46									"
47									1906
48									1907
49									"
50									"
51	Chats Falls	Ottawa R.	...	10 N.E. Arnprior	54	42	52	16,705	1931
52									"
53									"
54									"
55	Caribou Falls	English R.	...	24 N.W. Minaki	62	53	58	3,762	1958
56									"
57									"
58	Cameron Falls	Nipigon R.	...	11 N. Nipigon	76	71	74	9,901	1921
59									1920
60									1924
61									"
62									1925
63									1926
64									1958
65	Manitou Falls	English R.	...	11 W. Ear Falls	59	48	54	10,718	1956
66									"
67									"
68									"
69									1958

[1] See Steam Equipment Section.

SECTION 1. Hydro Electric Equipment as at December 31, 1958 — Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR² lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
EEC	R. Prop. K.	92	85	46,000		1957	CWC	44,400	14,000	60	95	31,000	29,450		1
"	"	"	"	46,000		"	"	"	"	"	"	31,000	29,450		2
"	"	"	"	46,000		"	"	"	"	"	"	31,000	29,450		3
"	"	"	"	46,000		1958	"	"	"	"	"	31,000	29,450		4
"	"	"	"	46,000		"	"	"	"	"	"	31,000	29,450		5
"	"	"	"	46,000	276,000	"	"	"	"	"	"	31,000	29,450	176,700	6
CAC	R. Francis	150	237	66,000		1933	CGE	28,760	13,800	25	85	48,500	41,225		7
"	"	"	"	66,000		"	"	"	"	"	"	48,500	41,225		8
"	"	"	"	66,000		1936	"	"	"	"	"	48,500	41,225		9
"	"	"	"	66,000	264,000	"	"	"	"	"	"	48,500	41,225	164,900	10
JMV	R. Francis	187	..	11,700		1905	WEL	..	12,000	25	90	8,330	7,500		11
"	"	"	..	11,700		"	"	..	"	"	"	8,330	7,500		12
"	"	"	..	11,700		"	"	..	"	"	"	8,330	7,500		13
"	"	"	..	11,700		1906	"	..	"	"	"	9,740	8,770		14
"	"	"	..	11,700		1908	"	..	"	"	"	9,740	8,770		15
"	"	"	..	11,700		"	"	..	"	"	"	9,740	8,770		16
"	"	"	..	11,700		1909	"	..	"	"	"	9,740	8,770		17
"	"	"	..	13,400		1910	CGE	..	"	"	"	9,750	8,775		18
"	"	"	..	13,400		1911	"	..	"	"	"	9,750	6,775		19
"	"	"	..	13,400		"	"	..	"	"	"	9,750	8,775		20
"	"	"	..	13,400		1913	"	..	"	"	"	9,750	8,775		21
WSM	"	"	..	13,400		"	"	..	"	"	"	9,750	8,775		22
JMV	"	"	..	13,400		"	"	..	"	"	"	9,750	8,775		23
WSM	"	"	..	13,400		1914	"	..	"	"	"	9,750	8,775		24
SMS	"	"	..	20,000	195,700	1919	"	..	"	"	"	15,000	13,500	132,555	25
CAC	R. Francis	109	105	41,000		1950	CWC	40,300	13,800	60	90	33,000	29,700		26
"	"	"	"	41,000		"	"	"	"	"	"	33,000	29,700		27
SMS	"	"	"	45,000		1954	"	41,460	"	"	"	38,500	34,650		28
"	"	"	"	45,000	172,000	"	"	"	"	"	"	38,500	34,650	128,700	29
DEW	R. Prop. F.	95	40	21,000		1950	CGE	24,373	13,600	60	90	17,000	15,300		30
"	"	"	"	21,000		"	"	"	"	"	"	17,000	15,300		31
"	"	"	"	21,000		1951	"	"	"	"	"	17,000	15,300		32
"	"	"	"	21,000		"	"	"	"	"	"	17,000	15,300		33
"	"	"	"	21,000		"	"	"	"	"	"	17,000	15,300		34
"	"	"	"	21,000		"	"	"	"	"	"	17,000	15,300		35
"	"	"	"	21,000		"	"	"	"	"	"	17,000	15,300		36
"	"	"	"	21,000	168,000	"	"	"	"	"	"	17,000	15,300	122,400	37
CAC	R. Francis	171	280	75,000		1943	CGE	26,000	13,800	60	90	64,000	57,600		38
"	"	"	"	75,000	150,000	1947	"	"	"	"	"	64,000	57,600	115,200	39
IPM	R. Francis	250	..	15,000		1915	CGE	..	12,000	25	90	10,000	9,000		40
"	"	"	..	15,000		"	"	..	"	"	"	10,000	9,000		41
"	"	"	..	15,000		1914	"	..	"	"	"	10,000	9,000		42
"	"	"	..	15,000		1913	"	..	"	"	"	10,000	9,000		43
"	"	"	..	15,000		1912	"	..	"	"	"	10,000	9,000		44
"	"	"	..	15,000		"	"	..	"	"	"	10,000	9,000		45
"	"	"	..	15,000		"	"	..	"	"	"	10,000	9,000		46
"	"	"	..	13,000		1906	"	..	"	"	"	8,000	7,200		47
"	"	"	..	13,000		1907	"	..	"	"	"	8,000	7,200		48
"	"	"	..	13,000		"	"	..	"	"	"	8,000	7,200		49
"	"	"	..	13,000	157,000	"	"	..	"	"	"	8,000	7,200	91,800	50
DEW	R. Prop.	120	53	28,000		1931	CWC	20,000	13,800	60	95	23,500	22,325		51
"	"	"	"	28,000		"	"	"	"	"	"	23,500	22,325		52
"	"	"	"	28,000		"	"	"	"	"	"	23,500	22,325		53
"	"	"	"	28,000	112,000	"	"	"	"	"	"	23,500	22,325	89,300	54
DEW	R. Prop.	112	58	34,000		1958	CGE	28,040	13,800	60	90	28,500	25,650		55
"	"	"	"	34,000		"	"	"	"	"	"	28,500	25,650		56
"	"	"	"	34,000	102,000	"	"	"	"	"	"	28,500	25,650	76,950	57
IPM	R. Francis	120	72	12,500		1921	CWC	10,500	12,000	60	90	10,600	9,540		58
"	"	"	"	12,500		1920	"	"	"	"	"	10,600	9,540		59
CAC	"	"	"	12,500		1924	CGE	8,010	"	"	80	10,600	8,480		60
"	"	"	"	12,500		"	"	"	"	"	"	10,600	8,480		61
CV	"	"	"	12,500		1925	"	"	"	"	"	10,600	8,480		62
"	"	"	"	12,500		1926	"	"	"	"	"	10,600	8,480		63
DEW	R. Prop. F.	156	73	25,000	100,000	1958	CWC	9,000	"	"	95	20,000	19,000	72,000	64
DEW	R. Prop. F.	150	54	18,500		1956	CGE	8,054	13,800	60	90	16,000	14,400		65
"	"	"	"	18,500		"	"	"	"	"	"	16,000	14,400		66
"	"	"	"	18,500		"	"	"	"	"	"	16,000	14,400		67
"	"	"	"	16,500		"	"	"	"	"	"	16,000	14,400		68
"	"	"	"	18,500	92,500	1958	"	"	"	"	"	16,000	14,400	72,000	69

[2] See Internal Combustion Equipment Section.

Section 1. **Hydro Electric Equipment as at December 31, 1958** – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Ontario – Continued								
	Hydro-Electric Power Commission of Ontario[1,2] – Continued:								
1	Alexander	Nipigon R.	...	10 N. Nipigon	63	54	58	11,015	1930
2									1931
3									"
4									1945
5									1958
6	Whitedog Falls	Winnepeg R.	...	13 N.W. Minaki	54	40	50	6,217	1958
7									"
8									"
9	Stewartville	Madawaska R.	...	7 W. Arnprior	157	146	154	2,740	1948
10									"
11									"
12	George W. Rayner	Mississagi R.	...	14 N.E. Thessalon	220	197	214	1,860	1950
13									"
14	Barrett Chute	Madawaska R.	...	4 S.W. Calabogie	156	147	154	2,431	1942
15									"
16	Aguasabon	Aguasabon	...	3 W. Terrace Bay	301	290	299	1,696	1948
17									"
18	Decew Falls # 1	Welland Ship C.	12 Mile Crk.	3 S. St. Catherines	273	261	266	1,022	1913
19									1901
20									1902
21									1904
22									"
23									1905
24									"
25									1911
26									"
27	Kakabeka Falls	Kaministikwia R.	...	Kakabeka Falls	196	190	195	1,247	1906
28									"
29									1911
30									1914
31	Ear Falls	English R.	...	Ear Falls	40	28	36	6,004	1930
32									1937
33									1940
34									1948
35	Wawaitin	Mattagami R.	...	9 S.W. Timmins	130	122	127	773	1918
36									1913
37									1912
38									"
39	Heely Falls	Trent R.	...	4 N. Campbellford	77	69	74	1,481	1913
40									1914
41									1919
42	Upper Notch	Montreal R.	...	13 S. Cobalt	47	42	45	2,079	1930
43									"
44	Crystal Falls	Sturgeon R.	...	7 N.E. Sturgeon Falls	38	27	34	2,143	1921
45									"
46									"
47									"
48	Ranney Falls	Trent R.	...	1 S. Campbellford	51	37	48	..	1922
49									"
50									1926
51	Big Eddy	Muskoka R.	...	7 W. Bala	42	33	36	1,288	1941
52									"
53	Ragged Rapids	Muskoka R.	...	4 W. Bala	42	34	38	1,623	1938
54									"
55	Matabitchuan	Matabitchuan R.	...	21 S.E. Cobalt	316	308	314	286	1910
56									"
57									"
58									"
59	Lower Sturgeon	Mattagami R.	...	25 N. Timmins	44	35	43	1,849	1923
60									"
61	Eugenia	Beaver R.	...	1 N. Eugenia	554	542	552	72	1915
62									"
63									1920

[1] See Steam Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 — Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR² lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
MSI	R. Francis	100	60	18,000		1930	CGE	11,053	12,000	60	85	15,000	12,750		1
"	"	"	"	18,000		1931	"	"	"	"	"	15,000	12,750		2
"	"	"	"	18,000		"	"	"	"	"	"	15,000	12,750		3
DT	R. Prop.	150	58	19,000		1945	"	50,750	"	"	90	15,000	13,500		4
DEW	"	"	"	19,000	92,000	1958	"	"	"	"	"	15,000	13,500	65,250	5
DEW	R. Prop. F.	106	50	27,000		1958	CWC	26,000	13,800	60	90	24,000	21,600		6
"	"	"	"	27,000		"	"	"	"	"	"	24,000	21,600		7
"	"	"	"	27,000	81,000	"	"	"	"	"	"	24,000	21,600	64,800	8
CAC	R. Francis	164	148	28,000		1948	CGE	13,707	13,200	60	85	24,000	20,400		9
"	"	"	"	28,000		"	"	"	"	"	"	24,000	20,400		10
"	"	"	"	28,000	84,000	"	"	"	"	"	"	24,000	20,400	61,200	11
CAC	R. Francis	212	210	29,000		1950	CWC	7,480	13,800	60	90	23,500	21,150		12
"	"	"	"	29,000	58,000	"	"	"	"	"	"	23,500	21,150	42,300	13
CAC	R. Francis	164	150	28,000		1942	CGE	13,707	13,200	60	85	24,000	20,400		14
"	"	"	"	28,000	56,000	"	"	"	"	"	"	24,000	20,400	40,800	15
DEW	R. Francis	257	290	27,500		1948	CWC	4,765	13,800	60	90	22,500	20,250		16
"	"	"	"	27,500	55,000	"	"	"	"	"	"	22,500	20,250	40,500	17
JMV	R. Francis	360	..	3,000		1913	CWC	..	2,380	60	90	2,780	2,500		18
RM	"	257	..	3,000		1901	CGE	..	"	"	"	2,220	2,000		19
"	"	"	..	3,000		1902	"	..	"	"	"	2,220	2,000		20
JMV	"	"	..	6,000		1904	WE	..	"	"	"	5,890	5,300		21
"	"	"	..	6,000		"	"	..	"	"	"	5,555	5,000		22
"	"	"	..	6,000		1905	"	..	"	"	"	5,890	5,300		23
"	"	"	..	6,000		"	"	..	"	"	"	6,555	5,900		24
"	"	"	..	6,000		1911	CWC	..	"	"	"	6,220	5,600		25
"	"	"	..	6,000	45,000	"	"	..	"	"	"	5,330	4,800	38,400	26
JMV	R. Francis	277	178	7,500		1924 R	CGE	..	4,000	60	85	6,350	5,400		27
"	"	"	"	7,500		"	"	..	"	"	"	6,350	5,400		28
"	"	"	"	7,500		1928 R	"	..	"	"	"	6,350	5,400		29
"	"	257	"	12,500	35,000	"	"	..	"	"	"	9,375	7,970	24,170	30
DEW	R. Prop.	180	36	5,000		1930	CWC	1,472	6,600	60	80	5,000	4,000		31
SMS	"	"	"	5,000		1937	OER	1,500	"	"	"	4,500	3,825		32
"	R. Prop. K.	150	"	7,500		1940	CWC	3,206	"	"	"	6,000	5,400		33
"	"	"	"	7,500	25,000	1948	"	3,300	"	"	"	6,000	5,400	18,625	34
SMS	R. Francis	375	125	4,000		1918	CWC	..	12,000	25	90	3,750	3,375		35
"	"	"	"	4,000		1913	"	..	"	"	"	3,750	3,375		36
"	"	"	"	3,450		1912	"	..	"	"	"	2,780	2,500		37
"	"	"	"	3,450	14,900	"	"	..	"	"	"	2,780	2,500	11,750	38
EW	R. Francis	240	73	5,600		1913	CGE	1,600	6,600	60	100	3,750	3,750		39
"	"	"	"	5,600		1914	"	"	"	"	"	3,750	3,750		40
WSM	"	"	"	5,600	16,800	1919	ASEA	"	"	"	80	3,750	3,000	10,500	41
CAC	R. Francis	124	48	6,500		1948	CGE	3,342	12,000	60	80	6,000	4,800		42
"	"	"	"	6,500	13,000	"	"	"	"	"	"	6,000	4,800	9,600	43
IPM	R. Francis	138	33	2,600		1921	WEST	750	2,300	60	95	2,125	2,020		44
"	"	"	"	2,600		"	"	"	"	"	"	2,125	2,020		45
"	"	"	"	2,600		"	"	"	"	"	"	2,125	2,020		46
"	"	"	"	2,600	10,400	"	"	"	"	"	"	2,125	2,020	8,080	47
BOV	R. Francis	120	..	5,000		1922	CGE	2,500	6,600	60	80	4,500	3,600		48
"	"	"	..	5,000		"	"	"	"	"	"	4,500	3,600		49
WH	"	360	..	1,000	11,000	1926	ASEA	64	600	"	"	900	720	7,920	50
MSI	R. Prop. F.	200	38	5,280		1941	CWC	700	6,600	60	85	4,500	3,825		51
"	"	"	"	5,280	10,560	"	"	"	"	"	"	4,500	3,825	7,650	52
MSI	R. Prop. K.	200	38	5,200		1938	CWC	700	6,600	60	85	4,500	3,825		53
"	"	"	"	5,200	10,400	"	"	"	"	"	"	4,500	3,825	7,650	54
IPM	R. Francis	600	305	3,300		1910	CGE	..	2,400	60	90	1,875	1,690		55
"	"	"	"	3,300		"	"	..	"	"	"	1,875	1,690		56
"	"	"	"	3,300		"	"	..	"	"	"	1,875	1,690		57
"	"	"	"	3,300	13,200	"	"	..	"	"	"	1,875	1,690	6,760	58
DEW	R. Francis	136	42	4,000		1923	CGE	1,000	2,300	25	80	4,000	3,200		59
"	"	"	"	4,000	8,000	"	"	"	"	"	"	4,000	3,200	6,400	60
EW	R. Francis	900	550	2,250		1915	CWC	12	4,000	60	85	1,410	1,200		61
"	"	"	"	2,250		"	"	"	"	"	"	1,410	1,200		62
AC	"	720	"	4,000	8,500	1920	"	38	"	"	"	2,820	2,400	4,800	63

[2] See Internal Combustion Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Ontario – Continued								
	Hydro-Electric Power Commission of Ontario[1,2] – Continued:								
1	Meyersburg	Trent R.	...	4 S. Campbellford	36	29	33	..	1924
2									"
3									"
4	Coniston	Wanapitei R.	...	2 S.E. Coniston	57	52	55	720	1905
5									1907
6									1915
7	Stinson	Wanapitei R.	...	1 N.W. Stinson	58	51	55	699	1925
8									"
9	Calabogie	Madawaska R.	...	Calabogie	32	19	29	1,908	1917
10									"
11	Big Chute	Severn R.	...	3 W. Severn Falls	58	55	58	860	1911
12									"
13									"
14									1919
15	South Falls	S. Muskoka R.	...	2 S. Bracebridge	112	103	110	456	1925
16									1916
17									1925
18	Sandy Falls	Mattagami R.	...	6 N.W. Timmins	32	30	32	1,140	1911
19									"
20									1916
21	Hagues Reach	Trent R.	...	2 S. Campbellford	31	20	23	..	1925
22									"
23									"
24	Indian Chute	Montreal R.	...	10 N.W. Elk Lake	47	39	46	813	1923
25									1924
26	Sidney	Trent R.	...	2 N. Trenton	22	17	20	..	1911
27									"
28									"
29									"
30	Seymour	Trent R.	...	1 N.E. Campbellford	25	20	22	..	1911
31									"
32									1909
33									"
34									1910
35	Rat Rapids	Albany R.	...	72 N. Savant Lake Station	18	14	17	187	1946 R
36									1935
37	Hound Chute	Montreal R.	...	6 S. Cobalt	36	31	34	1,494	1910
38									"
39									"
40									1911
41	Frankford	Trent R.	...	1 S. Frankford	20	14	17	..	1913
42									"
43									"
44									"
45	McVittie	Wanapitei R.	...	3 N. Burwash	41	33	40	641	1912
46									"
47	High Falls	Mississippi R.	...	13 N.E. Sharbot Lake	87	80	83	345	1920
48									"
49									"
50									
51									
52	Nipissing	South R.	...	2 E. Nipissing	95	89	93	256	1921 R
53									1924 R
54	Lakefield	Otonabee R.	...	Lake Field	16	6	14	..	1928
55	Fountain Falls	Montreal R.	...	10 S. Cobalt	29	25	28	1,079	1914
56									"
57	Sills Island	Trent R.	...	1 N. Frankford	17	9	15	..	1926
58									"
59	Auburn	Otonabee R.	...	Peterborough	18	15	17	1,175	1911
60									"
61									1912
62	Trethewey Falls	South Muskoka R.	...	4 S.E. Bracebridge	37	32	35	470	1929
63	Elliott Chute	South R.	...	2 S.W. Powassan	45	37	42	276	1929
64	Hanna Chute	South Muskoka R.	...	2 S. Bracebridge	33	29	31	386	1926

[1] See Steam Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Continued

Main turbines						Main generators										
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft^2 (000)	Name plate rating							No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.		
CAC	R. Francis	150	32	2,200		1924	ASEA	842	6,600	60	80	2,000	1,600			1
"	"	"	"	2,200		"	"	"	"	"	"	2,000	1,600			2
"	"	"	"	2,200	6,600	"	"	"	"	"	"	2,000	1,600	4,800		3
JM	R. Francis	300	53	1,200		1905	CGE	75	2,300	60	90	800	720			4
"	"	"	"	1,600		1907	"	"	"	"	"	1,250	1,125			5
AC	"	257	"	3,500	6,300	1915	"	420	"	"	"	2,500	2,250	4,095		6
AC	R. Francis	240	..	3,500		1925	CGE	375	2,300	60	80	2,500	2,000			7
"	"	"	..	3,500	7,000	"	"	"	"	"	"	2,500	2,000	4,000		8
AC	R. Francis	164	30	3,000		1938 R	CGE	..	6,600	60	80	2,500	2,000			9
"	"	"	"	3,000	6,000	"	"	..	"	"	"	2,500	2,000	4,000		10
WH	R. Francis	300	56	1,300		1911	CWC	124	2,300	60	80	1,125	900			11
"	"	"	"	1,300		"	"	"	"	"	"	1,125	900			12
"	"	"	"	1,300		"	"	"	"	"	"	1,125	900			13
WSM	"	"	"	2,300	6,200	1919	CGE	..	"	"	"	1,600	1,280	3,980		14
WK	R. Francis	514	107	2,200		1925	BRP	59	6,600	60	80	2,000	1,600			15
WH	"	720	"	1,000		1916	CGE	6	"	"	85	750	635			16
WK	"	514	"	2,200	5,400	1925	BRP	59	"	"	80	2,000	1,600	3,835		17
SMS	R. Francis	214	32	1,200		1911	CWC	..	12,000	25	100	950	950			18
"	"	"	"	1,200		"	"	..	"	"	"	950	950			19
IPM	"	136	34	2,500	4,900	1916	CGE	..	"	"	85	1,875	1,595	3,495		20
CAC	R. Prop.	180	23	1,600		1925	CWC	311	6,600	60	80	1,400	1,120			21
"	"	"	"	1,600		"	"	"	"	"	"	1,400	1,120			22
"	"	"	"	1,600	4,800	"	"	"	"	"	"	1,400	1,120	3,360		23
BOV	R. Francis	300	45	2,250		1923	CWC	..	2,300	60	90	1,800	1,620			24
WK	"	"	"	2,250	4,500	1924	"	..	"	"	"	1,800	1,620	3,240		25
BOV	R. Francis	120	20	1,400		1911	ASEA	900	6,600	60	85	936	795			26
"	"	"	"	1,400		"	"	"	"	"	"	936	795			27
"	"	"	"	1,400		"	"	"	"	"	"	936	795			28
"	"	"	"	1,400	5,600	"	"	"	"	"	"	936	795	3,180		29
WK	R. Francis	150	23	1,100		1911	CGE	..	2,400	60	100	750	750			30
"	"	"	"	1,100		"	"	..	"	"	"	600	600			31
"	"	"	"	1,100		1909	"	..	"	"	"	600	600			32
"	"	"	"	1,100		"	"	..	"	"	"	600	600			33
"	"	"	"	1,100	5,500	1910	"	..	"	"	"	600	600	3,150		34
AC	R. Francis	164	15	1,400		1946 R	CGE	650	6,600	60	80	2,000	1,600			35
DEW	R. Prop.	128	"	1,750	3,150	1935	"	832	2,300	"	85	1,500	1,275	2,875		36
WK	R. Francis	150	..	1,335		1910	ASEA	..	11,000	60	60	875	700			37
"	"	"	..	1,335		"	"	..	"	"	"	875	700			38
"	"	"	..	1,335		"	"	..	"	"	"	875	700			39
"	"	"	..	1,335	5,340	1911	"	..	"	"	"	875	700	2,800		40
BOV	R. Francis	112	18	1,200		1913	ASEA	920	7,000	60	80	813	650			41
"	"	"	"	1,200		"	"	"	"	"	"	813	650			42
"	"	"	"	1,200		"	"	"	"	"	"	813	650			43
"	"	"	"	1,200	4,800	"	"	"	"	"	"	813	650	2,600		44
WK	R. Francis	257	42	1,800		1912	CGE	130	2,300	60	90	1,250	1,125			45
"	"	"	"	1,800	3,600	"	"	"	"	"	"	1,250	1,125	2,250		46
LEF	R. Francis	300	82	1,240		1920	GE	142	4,400	60	80	875	700			47
"	"	"	"	1,240		"	"	34	"	"	100	350	350			48
"	"	"	"	1,240	3,720	"	"	"	"	"	"	350	350			49
						"	"	"	"	"	"	350	350			50
						"	"	"	"	"	"	350	350	2,100		51
JM	R. Francis	450	..	1,250		1909	CWC	47	2,300	60	75	1,400	1,050			52
"	"	"	..	1,250	2,500	"	ASEA	34	"	"	80	1,250	1,000	2,050		53
CAC	R. Prop.	112	16	3,100	3,100	1928	ASEA	..	2,400	60	80	2,500	2,000	2,000		54
IPM	R. Francis	150	30	1,500		1914	ASEA	..	11,000	60	80	1,250	1,000			55
"	"	"	"	1,500	3,000	"	"	..	"	"	"	1,250	1,000	2,000		56
MSI	R. Prop.	120	14	1,000		1926	ASEA	..	6,600	60	80	1,200	960			57
"	"	"	"	1,000	2,000	1942	CGE	..	"	"	85	1,200	1,020	1,980		58
WH	R. Francis	150	18	950		1911	CGE	400	2,400	60	100	625	625			59
"	"	"	"	950		"	"	"	"	"	"	625	625			60
"	"	"	"	950	2,850	1912	"	"	"	"	"	625	625	1,875		61
MSI	R. Prop.	257	35	2,300	2,300	1929	ASEA	230	6,600	60	80	2,000	1,600	1,600		62
MSI	R. Prop.	327	..	1,800	1,800	1929	ASEA	224	2,300	60	80	1,800	1,440	1,440		63
DEW	R. Prop.	225	30	1,550	1,550	1926	ASEA	162	6,600	60	80	1,400	1,120	1,120		64

[1] See Internal Combustion Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Ontario – Continued								
	Hydro-Electric Power Commission of Ontario[1,2]—Continued:								
1	Merrickville	Rideau R.	...	Merrickville	27	23	25	..	1915
2									1919
3	Bingham Chute	South R.	...	2 W. Powassan	50	43	48	212	1923
4									1924
5	Galetta	Mississippi R.	...	Galetta	26	19	24	..	1907
6									"
7	Fenelon Falls	Otonabee R.	...	Fenelon Falls	25	20	24	..	1900
8									1903
9	Kagawong	Kagawong R.	...	Kagawong	121	114	118	61	1926
10									"
	K.V.P. Company Limited:[1]								
11	Espanola	Spanish R.	Georgian B.	Espanola	70	65	67	2,231	1911
12									"
13									"
14									1916
15									1946
16									1906
17									"
	National Research Council:								
18	Rideau Falls	Rideau R.	Ottawa R.	Ottawa	47	37	42	1,000	1909
19									"
	The Ontario-Minnesota Pulp and Paper Company Limited:[1]								
20	Norman	Lake of the Woods	Winnipeg R.	½ N. Norman	22	18	20	7,250	1925
21									"
22									"
23									"
24									"
25	Fort Frances	Rainy R.	...	Fort Frances	30	20	28	4,800	1955
26									"
27									"
28									"
29									"
30									"
31									"
32									"
33	Kenora	Lake of the Woods	Winnipeg R.	W N.W. Kenora	21	17	19	4,000	1923
34									"
35									"
36									"
37									"
38									"
39									1924
40									"
41									"
42									"
43	Calm Lake	Calm L.	Seine R.	7 N.W. Flanders	84	77	82	1,200	1928
44									"
45	Sturgeon Falls	Seine R.	...	½ N. Crilly	65	57	62	1,200	1927
46									"
	Ontario Paper Co. Ltd:[1]								
47	Black River	Black R.	...	2 E. Heron Bay South	76	72	74	89.8	1939
	Orillia Water Light & Power Commission:[2]								
48	Swift Rapids	Severn R.	...	18 N. Coldwater	48	46	47	1,037	1917
49									"
50									"
51	Minden	Gull R.	...	1 N. Minden	71	63	70	386	1935
52									"
53	Mathias	Muskoka R.	...	9 N.E. Graven Hurst	47	45	47	513	1950
	Ottawa Hydro-Electric Commission:								
54	No. 4	Ottawa R.	...	Ottawa	40	36	38	3,266	1931
55									"
58	No. 2	Ottawa R.	...	Ottawa	42	38	40	2,499	..
57									..
58									..

[1] See Steam Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR² lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
WH	R. Francis	240	27	750		1915	ASEA	..	600	60	80	550	440		1
SMS	"	200	"	650	1,400	1929 R	GE	..	"	"	"	500	400	840	2
WK	R. Francis	450	47	650		1923	CWC	14	2,200	60	90	450	405		3
"	"	"	"	650	1,300	1924	"	"	"	"	"	450	405	810	4
WK	R. Francis	240	22	700		1907	CWC	..	2,300	60	90	445	400		5
BOV	"	"	"	700	1,400	"	"	..	"	"	"	445	400	800	6
WH	R. Francis	200	24	500		1900	CGE	..	605	60	100	400	400		7
"	"	"	"	500	1,000	1903	"	..	600	"	"	400	400	800	8
SMS	R. Francis	600	..	150		1926	CGE	..	600	60	80	150	120		9
"	"	257	..	1,400	1,550	1941	"	..	"	"	"	525	420	540	10
HOL	R. Francis	360	60	1,600		1912	WEST	..	2,300	60	80	..	1,250		11
"	"	"	"	1,600		"	"	..	"	"	"	..	1,250		12
"	"	"	"	1,600		"	"	..	"	"	"	..	1,250		13
"	"	"	"	1,600		1916	"	..	"	"	"	..	1,250		14
AC	"	144	64	10,000		1946	"	..	"	"	"	..	7,500		15
HOL	"	257	60	2,300		"	GE	..	300	DC	...	...	1,750		16
"	"	"	"	2,900	21,600	1948	"	..	2,300	60	80	..	1,500	15,750	17
CGE	..	200	47	1,500		1909	WK	..	2,300	60	..	..	1,000		18
"	..	"	"	1,500	3,000	"	"	..	"	"	..	..	1,000	2,000	19
SMS	R. Prop.	120	20	3,400		1925	CWC	1,800	6,600	60	100	3,300	3,300		20
"	"	"	"	3,400		"	"	"	"	"	"	3,300	3,300		21
"	"	"	"	3,400		"	"	"	"	"	"	3,300	3,300		22
"	"	"	"	3,400		"	"	"	"	"	"	3,300	3,300		23
"	"	"	"	3,400	17,000	"	"	"	"	"	"	3,300	3,300	16,500	24
CV	R. Prop	200	28	2,000		1955	CGE	..	6,900	60	80	2,000	1,600		25
"	"	"	"	2,000		"	"	..	"	"	"	2,000	1,600		26
"	"	"	"	2,000		"	"	..	"	"	"	2,000	1,600		27
"	"	"	"	2,000		"	"	..	"	"	"	2,000	1,600		28
"	"	"	"	2,000		"	"	..	"	"	"	2,000	1,600		29
"	"	"	"	2,000		"	"	..	"	"	"	2,000	1,600		30
"	"	"	"	2,000		"	"	..	"	"	"	2,000	1,600		31
"	"	"	"	2,000	16,000	"	"	..	"	"	"	2,000	1,600	12,800	32
SMS	R. Francis	120	20	1,200		1923	EM	320	2,400	60	80	1,250	1,000		33
"	"	"	"	1,200		"	"	"	"	"	100	1,250	1,250		34
"	"	"	"	1,200		"	"	"	"	"	"	1,250	1,250		35
"	"	"	"	1,200		"	"	"	"	"	80	1,250	1,000		36
"	"	"	"	1,200		"	"	"	"	"	"	1,250	1,000		37
"	"	"	"	1,200		"	"	"	"	"	100	1,250	1,250		38
"	"	"	"	1,200		1924	"	"	"	"	"	1,250	1,250		39
"	"	"	"	1,200		"	"	"	"	"	80	1,250	1,000		40
"	"	"	"	1,200		"	"	"	"	"	100	1,250	1,250		41
"	"	"	"	1,200	12,000	"	"	"	"	"	"	1,250	1,250	11,500	42
SMS	R. Francis	225	82	6,500		1928	CWC	..	6,600	60	85	5,500	4,675		43
"	"	"	"	6,500	13,000	"	"	..	"	"	"	5,500	4,675	9,350	44
SMS	R. Francis	200	62	5,000		1927	CWC	..	6,600	60	85	4,500	3,825		45
"	"	"	"	5,000	10,000	"	"	..	"	"	"	4,500	3,825	7,650	46
WK	R. Francis	514	77	1,560	1,560	1939	OER	75	660/6,822	60	90*	1,450	1,305	1,305	47
BOV	R. Francis	257	47	2,120		1917	GE	..	2,300	60	80	1,500	1,200		48
"	"	"	"	2,120		"	"	..	"	"	"	1,500	1,200		49
"	"	"	"	2,120	6,360	"	"	..	"	"	"	1,500	1,200	3,600	50
SMS	R. Francis	277	70	2,600		1935	GE	..	2,300	60	80	2,250	1,800		51
"	"	"	"	2,600	5,200	"	"	..	"	"	"	2,250	1,800	3,600	52
SMS	R. Prop. K.	257	47	3,770	3,770	1950	GE	..	2,300	60	90	3,125	2,812	2,812	53
WH	R. Francis	163	38	5,300		1900	CGE	..	4,000	60	90	4,400	3,960		54
"	"	"	"	5,300	10,600	"	"	..	"	"	"	4,400	3,960	7,920	55
SMS	R. Francis	180	40	2,500		1909	CWC	..	4,000	60	90	1,625	1,462		56
"	"	"	"	2,500		"	"	..	"	"	"	1,625	1,462		57
"	"	"	"	2,500	7,500	"	"	..	"	"	"	1,625	1,462	4,386	58

[2] See Internal Combustion Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 — Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Ontario — Concluded								
	Parry Sound Public Utilities Commission:								
1	Parry Sound	Seguin Basin	...	Parry Sound	35	30	35	162	1919
2									"
	Peterborough Hydraulic Power Co. Ltd.:								
3	Peterborough	Otonabee R.	...	Peterborough	29	22	27	2,000	1950
4									1950 R
5									"
	Port Arthur Public Utilities Commission:								
6	Current River	Current R.	L. Superior	Port Arthur	80	66	80	..	1902
7									"
8									1906
9									1891
	Renfrew Hydro-Electric Commission:								
10	No. 1	Bonnechere R.	...	Renfrew	38	35	36	259	1911
11									"
12									1952
13	No. 2	Bonnechere R.	...	Renfrew	38	36	38	259	1900
14									"
	Spruce Falls Power & Paper Co. Ltd.:[1]								
15	Smoky Falls	Mattagami R.	...	50 N. Kapuskasing	118	110	115	6,000	1928
16									"
17									"
18									1931
19	Kapuskasing	Kapuskasing R.	...	Kapuskasing	32	25	29	800	1923
20	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...
21	Total generator name plate rating for plants under 500 kw.	...	...	...	...	...	...	...	...
22	Total name plate rating of all hydro-electric generators in province of Ontario	...	...	...	...	...	...	...	...
	Manitoba								
	Manitoba Hydro-Electric Board:[1]								
23	Seven Sisters	Winnipeg R.	...	12 N. Whitemouth	63	57	61	21,460	1931
24									"
25									"
26									1949
27									1950
28									1952
29	Great Falls	Winnipeg R.	...	12 N. Lac du Bonnet	59	50	58	20,710	1923
30									"
31									1926
32									1927
33									1928
34									"
35	Pine Falls	Winnipeg R.	...	2 E. Pine Falls	39	32	37	24,350	1952
36									"
37									"
38									"
39									1951
40									"
41	McArthur	Winnipeg R.	...	8 N. Lac du Bonnet	24	18	23	24,310	1954
42									"
43									"
44									"
45									1955
46									"
47									"
48									"
	Sherritt Gordon Mines:[2]								
49	Laurie River # 2	Laurie R.	...	53 N.W. Lynn Lake	55	51	55	..	1958
50	Laurie River # 1	Laurie R.	...	48 N.W. Lynn Lake	55	50	55	..	1952
51									"

[1] See Steam Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
BOV	R. Francis	200	35	500		1919	ASEA	..	2,300	60	80	425	340		1
"	"	257	"	1,100	1,600	"	CWC	60	"	"	"	750	600	940	2
CV	R. Francis	150	27	2,300		1902	WEST	..	2,240	60	100	1,500	1,500		3
WH	"	180	"	2,550		1920	CGE	..	2,300	"	"	1,875	1,875		4
LEF	"	"	"	2,140	6,990	1905	"	..	"	"	"	1,750	1,750	5,125	5
JM	..	425	80	450		1902	ACB	..	2,200	60	80*	250	200*		6
"	..	"	"	450		"	"	..	"	"	"	250	200*		7
"	..	400	"	1,200		1906	"	..	"	"	"	660	528*		6
"	..	500	"	250	2,350	1891	"	..	550		...	...	185	1,113*	9
SMS	R. Francis	400	38	425		1911	ASEA	..	4,160	60	80	300	240*		10
"	"	"	"	425		"	"	..	"	"	"	300	240*		11
BARB	"	"	"	425	1,500	1952	EE	..	"	"	"	500	400*	880*	12
BARB	R. Francis	300	38	625		1900	GE	..	4,160	60	80	400	320*		13
"	"	"	"	825	1,450	"	"	..	"	"	"	600	480*	800*	14
AC	R. Francis	164	113	18,750		1928	GE	..	6,600	60	80	16,500	13,200		15
"	"	"	"	18,750		"	"	..	"	"	"	16,500	13,200		16
"	"	"	"	18,750		"	"	..	"	"	"	16,500	13,200		17
"	"	"	"	18,750	75,000	1931	"	..	"	"	"	16,500	13,200	52,800	18
DEW	R. Francis	180	30	2,500	2,500	1923	GE	..	2,300	60	100	2,750	2,750	2,750	19
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4,950,531	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	6,849	21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4,957,380	22
AC	R. Prop. F.	138	61	37,500		1931	CGE	..	11,000	60	85	32,500	27,625		23
DEW	"	"	"	37,500		"	"	..	"	"	"	32,500	27,625		24
SMS	"	"	"	37,500		"	"	..	"	"	"	32,500	27,625		25
DEW	"	"	"	37,500		1949	"	..	"	"	"	32,500	27,625		26
"	"	"	"	37,500		1950	"	..	"	"	"	32,500	27,625		27
"	"	"	"	37,500	225,000	1952	"	..	"	"	"	32,500	27,625	150,000	28
DEW	R. Prop.	138	58	28,000		1923	CGE	..	11,000	60	90	21,000	18,900		29
"	"	"	"	28,000		"	"	..	"	"	"	21,000	18,900		30
"	"	"	"	28,000		1926	"	..	"	"	"	21,000	18,900		31
SMS	"	"	"	28,000		1927	"	..	"	"	"	21,000	18,900		32
DEW	"	"	"	28,000		1928	"	..	"	"	"	21,000	18,900		33
"	"	"	"	28,000	168,000	"	"	..	"	"	"	21,000	18,900	132,000	34
DEW	R. Prop.	94.7	37	19,000		1952	CGE	..	13,800	60	90	15,500	13,950		35
"	"	"	"	19,000		"	"	..	"	"	"	15,500	13,950		36
"	"	"	"	19,000		"	"	..	"	"	"	15,500	13,950		37
"	"	"	"	19,000		"	"	..	"	"	"	15,500	13,950		38
"	"	"	"	19,000		1951	"	..	"	"	"	15,500	13,950		39
"	"	"	"	19,000	114,000	"	"	..	"	"	"	15,500	13,950	82,000	40
DEW	R. Prop.	85.7	23	10,000		1954	CGE	..	6,900	60	90	8,500	7,650		41
"	"	"	"	10,000		"	"	..	"	"	"	8,500	7,650		42
"	"	"	"	10,000		"	"	..	"	"	"	8,500	7,650		43
"	"	"	"	10,000		"	"	..	"	"	"	8,500	7,650		44
"	"	"	"	10,000		1955	"	..	"	"	"	8,500	7,650		45
"	"	"	"	10,000		"	"	..	"	"	"	8,500	7,650		46
"	"	"	"	10,000		"	"	..	"	"	"	8,500	7,650		47
"	"	"	"	10,000	80,000	"	"	..	"	"	"	8,500	7,650	56,000	48
ING	R. Francis	164	55	7,000	7,000	1958	CGE	..	2,300	60	90	6,000	5,400	5,400	49
AC	R. Francis	200	55	3,500		1952	CGE	..	2,300	60	90	2,750	2,475		50
"	"	"	"	3,500	7,000	"	"	..	"	"	"	2,750	2,475	4,900	51

[1] See Internal Combustion Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Manitoba – Concluded								
	Winnipeg Hydro Electric System:[1]								
1	Slave Falls	Winnipeg R.	...	5 S. Pointe du Bois	31	29	30	21,000	1931
2									"
3									1936
4									"
5									1946
6									"
7									1948
8									"
9	Pointe du Bois	Winnipeg R. System	...	24 E.N.E. Lac du Bonnet	47	45	46	21,000	1911
10									"
11									"
12									"
13									1914
14									"
15									1911
16									1914
17									1922
18									"
19									"
20									1923
21									"
22									"
23									1925
24									"
25	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...
26	Total name plate rating of all hydro-electric generators in province of Manitoba	...	...	...	...	...	...	...	...
	Saskatchewan								
	Churchill River Power Company Limited:								
27	Island Falls	Churchill R.	...	60 N.W. Flin Flon	65	47	58	16,434	1930
28									"
29									"
30									1937
31									1939
32									1948
	Consolidated Mining and Smelting Company of Canada Limited:								
33	Wellington Lake	Tazin R.	Charlotte R.	15 W. Uranium City	76	..	70	500	1939
34	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...
35	Total name plate rating of all hydro-electric generators in province of Sask.	...	...	...	...	...	...	...	...
	Alberta								
	Calgary Power Ltd.:[1,2]								
36	Ghost	Bow R.	...	11 W. Cochrane	110	75	105	2,939	1954
37									1929
38									"
39	Spray	Spray R.	Rundle C.	2 S.W. Canmore	905	900	903	404	1951
40	Cascade	Cascade C.	Cascade R.	5 E. Banff	345	325	340	308	1942
41									1957
42	Horseshoe	Bow R.	...	2 E. Seebe	72	70	71	2,542	1954 R
43									1953 R
44									1955 R
45									"
46	Kananaskis	Bow R.	...	Seebe	74	70	72	2,542	1913
47									"
48									1951
49	Rundle	Spray R.	Bow R.	1 W. Canmore	322	316	319	404	1951
50	Bearspaw	Bow R.	...	4 W. Bowness	50	46	48	2,882	1954
51	Poca Terra	Kananaskis R.	...	38 S. Seebe	220	164	210	260	1955

[1] See Steam Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1938 — Continued

Main turbine						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR² lbs-ft² (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
DB	R. Prop.	94.7	30	12,000		1931	ASEA	..	6,600	60	90	10,000	9,000		1
"	"	"	"	12,000		"	"	..	"	"	"	10,000	9,000		2
DEW	"	"	"	12,000		1936	"	..	"	"	"	10,000	9,000		3
"	"	"	"	12,000		"	"	..	"	"	"	10,000	9,000		4
"	"	"	"	12,000		1946	CGE	..	"	"	"	10,000	9,000		5
"	"	"	"	12,000		"	"	..	"	"	"	10,000	9,000		6
"	"	"	"	12,000		1948	"	..	"	"	"	10,000	9,000		7
"	"	"	"	12,000	96,000	"	"	..	"	"	"	10,000	9,000	72,000	8
BOV	R. Francis	164	45	5,200		1911	VICK	..	6,600	60	80	3,750	3,000		9
"	"	"	"	5,200		"	"	..	"	"	"	3,750	3,000		10
"	"	"	"	5,200		"	"	..	"	"	"	3,750	3,000		11
"	"	"	"	5,200		"	"	..	"	"	"	3,750	3,000		12
EW	"	138	"	6,800		1914	CWC	..	"	"	"	6,250	5,000		13
"	"	"	"	6,800		"	"	..	"	"	"	6,250	5,000		14
BOV	"	164	"	5,200		1911	VICK	..	"	"	"	3,750	3,000		15
EW	"	138	"	6,800		1914	CWC	..	"	"	"	6,250	5,000		16
BOV	"	150	"	6,900		1922	CGE	..	"	"	"	6,500	5,200		17
"	"	"	"	6,900		"	"	..	"	"	"	6,500	5,200		18
"	"	"	"	6,900		"	"	..	"	"	"	6,500	5,200		19
CV	"	"	"	7,300		1923	ASEA	..	"	"	"	6,500	5,200		20
"	"	"	"	7,300		"	"	..	"	"	"	6,500	5,200		21
"	"	"	"	7,300		"	"	..	"	"	"	6,500	5,200		22
BOV	"	"	"	8,000		1925	"	..	"	"	"	6,500	5,200		23
"	"	"	"	8,000	105,000	"	"	..	"	"	"	6,500	5,200	71,600	24
...	...	...	...	...	...	...	...	...	...	...	...	...	...	573,900	25
...	...	...	...	...	...	...	...	...	...	...	...	...	...	573,900	26
DEW	R. Prop.	164	56	16,500		1930	GE	4,360	6,600	60	90	12,000	10,800		27
"	"	"	"	16,500		"	"	"	"	"	"	12,000	10,800		28
"	"	"	"	16,500		"	"	"	"	"	"	12,000	10,800		29
"	"	150	"	19,000		1937	"	8,000	"	"	100	18,000	18,000		30
"	"	"	"	19,000		1939	"	"	"	"	"	18,000	18,000		31
"	"	"	"	19,000	106,500	1948	"	"	"	"	"	18,000	18,000	86,400	32
AC	"	300	70	3,300	3,300	1939	CGE	..	2,300	60	80	3,000	2,400	2,400	33
...	...	...	...	...	...	...	...	...	...	...	...	...	...	88,800	34
...	...	...	...	...	...	...	...	...	...	...	...	...	...	88,800	35
EE	R. Francis	150	92	30,000		1954	CWE	12,700	13,200	60	90	23,500	21,150		36
DEW	"	"	105	18,000		1929	"	5,900	"	"	85	15,000	12,750		37
"	"	"	"	18,000	66,000	"	"	"	"	"	"	15,000	12,750	46,650	38
DEW	R. Francis	450	875	62,000	62,000	1951	CWC	4,500	13,200	60	85	47,500	40,400	40,400	39
DEW	R. Francis	300	320	23,000		1942	CWC	2,400	13,200	60	85	20,000	17,000		40
"	"	"	"	23,000	46,000	1957	"	"	"	"	"	20,000	17,000	34,000	41
DEW	R. Francis	225	72	7,500		1911	CGE	1,920	12,000	60	90	6,250	5,625		42
KMW	"	300	"	4,680		"	"	585	"	"	"	3,750	3,375		43
"	"	"	"	4,680		"	"	"	"	"	"	3,750	3,375		44
DEW	"	225	"	7,500	24,360	"	"	1,920	"	"	"	6,250	5,625	18,000	45
CAC	R. Francis	163	68	6,000		1913	ASEA	2,000	12,000	60	80	4,250	3,400		46
"	"	"	"	6,000		"	"	"	"	"	"	4,250	3,400		47
DEW	R. Prop. F.	225	70	12,000	24,000	1951	CWC	2,100	"	"	85	11,250	9,560	16,360	48
DEW	R. Francis	300	318	23,000	23,000	1951	CWC	2,436	13,200	60	85	20,000	17,000	17,000	49
KMW	R. Prop. K.	129	48	20,750	20,750	1954	CWC	15,900	13,600	60	85	18,000	15,300	15,300	50
CAC	R. Francis	240	185	18,400	18,400	1955	CWC	2,160	13,800	60	90	15,000	13,500	13,500	51

[3] See Internal Combustion Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	Alberta – Concluded								
	Calgary Power Ltd.[1,2] – Concluded:								
1	Barrier	Kananaskis R.	...	7 S. Seebe	155	120	150	467	1947
2	Inter Lakes	Upper Kananaskis L.	Lower Kananaskis L.	45 S. Seebe	127	63	90	155	1955
3	Three Sisters	Spray R.	Spray C.	10 S. Canmore	60	23	45	404	1951
	Northland Utilities Limited:[2]								
4	Jasper	Astoria R.	Athabaska R.	10 S. Jasper	485	480	484	..	1949
5									1956
6	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...
7	Total name plate rating of all hydro-electric generators in province of Alberta..	...	...	...	...	...	...	...	...
	British Columbia								
	Alaska Pine and Cellulose:[1]								
8	Woodfibre	Henrietta L.	...	Woodfibre	..	..	1,060	32	1947
9	Port Alice Division	Victoria L.	...	Port Alice	..	..	425	62	1953
	Aluminum Company of Canada Ltd.:								
10	Kemano	Nechako Reservoir	Kemano R.	51 S. Kitimat	2,590	2,575	2,585	2,205	1954
11									"
12									"
13									1956
14									1957
15									1956
16									1958
	British Columbia Electric Company Limited:[2]								
17	Bridge River #1	Bridge R.	Seton L.	1 W. Shalath	1,217	1,200	1,209	1,800	1948
18									1949
19									"
20									1954
21	Cheakamus	Cheakamus R.	Squamish R.	13 N.W. Brackendale	1,120	1,070	1,110	1,540	1957
22									"
23	Ruskin	Hayward L.	Stave R.	2 N.E. Ruskin	135	96	130	3,800	1930
24									1938
25									1950
26	Wahleach	Wahleach L.	Fraser R.	3 S. Cheam View	2,035	1,970	2,015	160	1952
27	Stave Falls	Stave L.	Hayward L.	Stave Falls	130	96	115	3,600	1912
28									"
29									1916
30									1922
31									1925
32	Lake Buntzen #1	L. Buntzen*	Indian Arm	5 N. Ioco	414	398	405	630	1951
33	Seton	Seton Crk.	Fraser R.	1 S.E. Lillooet	167	129	149	2,500	1956
34	Clow Hom	Clow Hom R.	Salmon Inlet	24 N.E. Sechelt	182	128	165	830	1958
35	Lake Buntzen #2	L. Bantzen*	Indian Arm	5 N. Ioco	391	360	389	...	1913
36									1914
37									1919
38	Jordan River	Jordan R.	...	20 W. Sooke	1,150	1,150	1,150	199	1911
39									1912
40									1914
41									1931
42	La Joie	Downton L.	...	2 W. Gold Bridge	257	140	..	830	1957
43	Alouette	Alouette L.	Stave L.	10 N. Stave Falls	171	110	145	420	1928
44	Jordon River Diversion	Jordan R.	...	7½ Main Development	..	..	..	..	1928
	British Columbia Power Commission:[2,3]								
45	John Hart	Campbell R.	...	3 W. Campbell River	411	400	405	3,205	1947
46									1946
47									1949
48									"
49									1953
50									"
51	Ladore Falls	Campbell R.	...	8 W. Campbell R.	126	76	122	3,633	1956
52									1957

[1] See Steam Equipment Section.
[2] See Internal Combustion Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft^2 (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
DEW	R. Francis	225	135	13,500	13,500	1947	CWC	2,072	13,200	60	85	11,250	9,560	9,560	1
CAC	R. Francis	257	98	6,900	6,900	1955	CWC	522	4,160	60	90	5,600	5,040	5,040	2
DEW	R. Prop. F.	277	50	3,600	3,600	1951	CWC	449	6,900	60	85	4,000	3,400	3,400	3
..	I. Pelton	450	..	700		1949	CGE	..	6,600	60	80	665	532		4
LEF	R. Francis	1,200	523	1,240	1,940	1956	"	..	2,400	"	"	1,125	900	1,432	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	220,642	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	220,642	7
PWW	I. Pelton	514	920	3,650	3,650	1947	CWC	..	4,160	60	80	2,812	2,250	2,250	8
CV	..	900	425	3,200	3,200	1953	EL	..	6,900	60	80	2,500	2,000	2,000	9
CAC	I.	327	2,500	150,000		1954	CGE	16,100	13,800	60	80	122,000	97,600		10
PWW	"	"	"	150,000		"	CWC	24,325	"	"	"	122,000	97,600		11
DEW	"	"	"	150,000		"	EE	23,700	"	"	"	122,000	97,600		12
"	"	"	"	150,000		1956	CGE	16,100	"	"	"	122,000	97,600		13
PWW	"	"	"	150,000		1957	EE	23,700	"	"	"	132,000	105,600		14
"	"	"	"	150,000		1956	CWC	27,531	"	"	"	132,000	105,600		15
DEW	"	"	"	150,000	1,050,000	1958	CGE	23,800	"	"	"	132,000	105,600	707,200	16
VIW	I.	300	1,118	62,000		1948	CWC	8,768	13,800	60	90	50,000	45,000		17
"	"	"	"	62,000		1949	"	"	"	"	"	50,000	45,000		18
"	"	"	"	62,000		"	"	"	"	"	"	50,000	45,000		19
"	"	"	"	62,000	248,000	1954	"	"	"	"	"	50,000	45,000	180,000	20
VIW	R.	400	954	95,000		1957	CWC	8,680	13,600	60	88	80,000	70,000		21
"	"	"	"	95,000	190,000	"	"	"	"	"	"	80,000	70,000	140,000	22
DEW	R.	120	123	47,000		1930	CWC	78,200	13,800	60	80	44,000	35,200		23
"	"	"	"	47,000		1938	"	"	"	"	"	44,000	35,200		24
"	"	"	"	47,000	141,000	1950	"	"	"	"	"	44,000	35,200	105,600	25
VIW	I.	360	1,880	82,000	82,000	1952	CGE	10,240	13,800	60	80	75,000	60,000	60,000	26
EW	R.	225	127	15,800		1925 R	CGE	3,675	4,400	60	80	13,125	10,500		27
"	"	"	"	15,800		"	"	"	"	"	"	13,125	10,500		28
"	"	"	"	15,800		"	"	"	"	"	"	13,125	10,500		29
"	"	"	"	15,800		"	"	"	"	"	"	13,125	10,500		30
CAC	"	"	113	15,800	79,000	1925	"	"	"	"	"	13,125	10,500	52,500	31
VIW	R.	240	380	70,000	70,000	1951	CWC	15,250	13,800	60	80	62,500	50,000	50,000	32
CAC	R.	120	147	58,500	58,500	1956	CWC	28,000	13,800	60	100	42,000	42,000	42,000	33
VIW	R.	120	160	40,000	40,000	1958	CWC	20,800	13,800	60	95	31,580	30,000	30,000	34
PD	I.	200	380	13,500		1913	DK	2,400	2,200	60	100	8,900	8,900		35
"	"	"	"	13,500		1914	"	"	"	"	"	8,900	8,900		36
"	"	"	"	13,500	40,500	1919	"	"	"	"	"	8,900	8,900	26,700	37
DCTW	I.	400	1,010	5,430		1911	ACB	..	2,300	60	80	4,000	3,200		38
"	"	"	"	5,430		1912	"	..	"	"	"	4,000	3,200		39
"	"	"	"	10,125		1914	CGE	..	2,200	"	100	8,000	8,000		40
EE	"	300	"	18,000	38,985	1931	EE	..	6,600	"	80	15,000	12,000	26,400	41
CAC	R.	200	176	30,000	30,000	1957	GE	7,900	13,800	60	90	24,444	22,000	22,000	42
EE	R.	200	126	12,500	12,500	1928	EE	2,500	6,825	60	80	10,000	8,000	8,000	43
MSI	R.	400	"	2,250	2,250	1928	CWC	..	11,000	60	80	1,875	1,500	1,500	44
DEW	R. Francis	327	390	28,000		1947	WEST	2,888	13,800	60	80	25,000	20,000		45
"	"	"	"	28,000		1948	"	"	"	"	"	25,000	20,000		46
"	"	"	"	28,000		1949	"	"	"	"	"	25,000	20,000		47
"	"	"	"	28,000		"	"	"	"	"	"	25,000	20,000		48
"	"	"	"	28,000		1953	"	"	"	"	"	25,000	20,000		49
"	"	"	"	28,000	168,000	"	"	"	"	"	"	25,000	20,000	120,000	50
DEW	R. Francis	138	122	35,000		1956	GE	16,000	13,800	60	90	30,000	27,000		51
"	"	"	"	35,000	70,000	1957	"	"	"	"	"	30,000	27,000	54,000	52

[1] See Gas Turbine Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Continued

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	British Columbia – Concluded								
	British Columbia Power Commission[2,3] – Concluded:								
1	Whatshan	Whatshan L.	Lower Arrow L.	3 N. Needles	715	670	705	186	1951
2									"
3									1956
4	Strathcona	Campbell R.	...	25 W. Campbell River	151	76	140	2,306	1958
5	Puntledge	Puntledge R.	...	5 W. Courtenay	359	351	352	879	1955
6	Shuswap Falls	Shuswap R.	...	8 E. Lumby	99	79	85	997	1929
7									1942
8	Spillimacheen	Spillimacheen R.	...	2 W. Spillimacheen	230	215	222	111	1955 R
9									"
10									1955
	Consolidated Mining and Smelting Company of Canada Limited:[1]								
11	Waneta	Pend d'Oreille R.	...	12 S.E. Trail	210	185	206	11,000	1954
12									"
13	Brilliant	Kootenay R.	...	23 W. Nelson	92	68	90	10,500	1944
14									"
15									1949
16	Upper Bonnington	Kootenay R.	...	10 W. Nelson	72	63	70	10,000	1914
17									1907
18									"
19									1916
20									1940
21									"
22	South Slocan	Kootenay R.	...	13 W. Nelson	75	60	70	10,000	1928
23									"
24									1929
25	Corra Linn	Kootenay R.	...	9 W. Nelson	60	35	53	10,000	1932
26									"
27									"
28	Polaris Taku Mine	Bracken Crk.	Whitewater Crk.	Tulsequah	900	900	900	80	1937
	Crown Zellerback Canada Limited:[1]								
29	Ocean Falls	Link L.	Cousins Inlet	S. Ocean Falls	161	127	150	1,662	1917
30									"
31									1932 R
32									1923
	East Kootenay Power Co. Ltd.:								
33	Elko Plant	Elk R.	...	1½ S.E. Elko	206	198	200	471	1924
34									"
35	Aberfeldie	Bull River	...	14 N.E. Wardner	280	268	276	180	1922
36									"
	Howe Sound Company – Britannia Division:								
37	Britannia Creek	Britannia Crk.	...	Britannia Beach	1,835	1,820	1,835	..	1916
38									"
39	Furry Creek	Furry Crk.	...	Britannia Beach	760	740	760	..	1916
40									1917
	Mastodon Zinc Mines Ltd.:								
41	Mastodon Zinc Mines	La Forme Crk.	...	18 N. Revelstoke	..	..	..	..	1951
	Nelson, City of:								
42	City of Nelson	Kootenay R.	...	10 W. Nelson	75	65	70	800	1907
43									1910
44									1929
45									1950
	Northern British Columbia Power Co. Ltd.:[3]								
46	Falls River	Falls R.	Ecstal R.	44½ S.E. Prince Rupert	213	190	210	216	1930
47	Shawatlans	Woodward L.	Shawatlans R.	5 N.E. Prince Rupert	243	227	240	65	1955
	Pioneer Gold Mines of B.C. Limited:								
48	# 1 Hurley River	Hurley R.	...	2 W. Bralorne	250	..	250	..	1933
49									"
50	# 2 Hurley River	Hurley R.	...	2 N. Bralorne	258	..	258	..	1934

[1] See Steam Equipment Section.
[2] See Internal Combustion Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Continued

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft^2 (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
AC	R. Francis	600	690	16,500		1951	GE	300	6,900	60	90	12,500	11,250		1
"	"	"	"	16,500		"	"	"	"	"	"	12,500	11,250		2
"	"	"	"	16,500	49,500	1956	"	"	"	"	"	12,500	11,250	33,750	3
AC	R. Francis	138	140	42,000	42,000	1958	WEST	25,000	13,800	60	90	37,500	33,750	33,750	4
AC	R. Francis	277	340	35,000	35,000	1955	WEST	5,400	13,800	60	90	30,000	27,000	27,000	5
AC	R. Francis	200	72	3,800		1929	WEST	..	2,300	60	80	3,000	2,400		6
"	"	257	82	4,000	7,800	1942	CGE	400	"	"	"	3,500	2,800	5,200	7
VIW	R. Francis	600	207	1,200		1955	WEST	38	4,160	60	85	1,125	956		8
"	"	"	"	1,200		"	"	"	"	"	"	1,125	956		9
EE	"	"	"	3,000	5,400	"	EE	49	"	"	80	2,750	2,200	4,112	10
DEW	R. Francis	120	210	120,000		1954	CWC	..	13,800	60	80	90,000	72,000		11
"	"	"	"	120,000	240,000	"	"	..	"	"	"	90,000	72,000	144,000	12
DEW	R. Francis	100	90	37,000		1944	CWC	..	13,200	60	85	32,000	27,200		13
"	"	"	"	37,000		"	"	..	"	"	"	32,000	27,200		14
"	"	"	"	37,000	111,000	1949	"	..	"	"	"	32,000	27,200	81,600	15
AC	R. Francis	180	70	9,000		1914	CGE	..	2,300	60	90	7,500	6,750		16
IPW	"	"	"	8,000		1907	"	..	"	"	"	5,625	5,062		17
"	"	"	"	8,000		"	"	..	"	"	"	5,625	5,062		18
AC	"	"	"	9,000		1916	"	..	"	"	"	7,500	6,750		19
CAC	"	100	"	25,000		1940	CWC	..	7,200	"	"	17,500	15,750		20
"	"	"	"	25,000	84,000	"	"	..	"	"	"	17,500	15,750	55,125	21
CAC	R. Francis	100	70	25,000		1928	CGE	..	7,200	60	90	17,500	15,750		22
"	"	"	"	25,000		"	"	..	"	"	"	17,500	15,750		23
"	"	"	"	25,000	75,000	1929	"	..	"	"	"	17,500	15,750	47,250	24
DEW	R. Francis	86	53	19,000		1932	CGE	..	7,200	60	90	15,000	13,500		25
"	"	"	"	19,000		"	"	..	"	"	"	15,000	13,500		26
"	"	"	"	19,000	57,000	"	"	..	"	"	"	15,000	13,500	40,500	27
GGG	I.	1,200	900	750	750	1937	EE	..	480	60	80	625	500	500	28
PWW	R. Francis	225	143	2,100		1917	CGE	..	2,300	60	80	2,150	1,720		29
"	"	"	"	2,100		"	"	..	"	"	"	2,150	1,720		30
"	"	360	158	6,300		1918	"	..	"	"	"	5,250	4,200		31
"	"	400	"	6,300	16,800	1923	"	..	"	"	"	5,250	4,200	11,840	32
DEW	R. Francis	360	190	7,500		1924	GE	..	6,600	80	80	6,000	4,800*		33
"	"	"	"	7,500	15,000	"	"	..	"	"	"	6,000	4,800*	9,600	34
SMS	R. Francis	600	275	3,650		1922	CWC	..	2,200	60	100	2,500	2,500*		35
"	"	"	"	3,650	7,300	"	"	..	"	"	"	2,500	2,500*	5,000	36
PWW	I. Pelton	720	1,835	3,750		..	CWC	..	6,600	60	80	2,500	2,000		37
"	"	"	"	3,750	7,500	..	"	..	"	"	"	2,500	2,000	4,000	38
PWW	I. Pelton	720	760	300		..	CRW	..	250	DC	...	...	150		39
"	"	"	"	3,750	4,050	..	CWC	..	6,600	60	80	2,500	2,000	2,150	40
ROSH	I. Pelton	..	..	1,000*	1,000*	1951	CWC	..	2,300	60	80*	750	600*	600*	41
AC	R. Francis	180	60	1,670		1907	AC	..	12,000	60	100	750*	750		42
"	"	"	"	1,900		1910	"	..	"	"	80	1,250*	1,000		43
CAC	"	240	70	3,000		1929	CGE	..	"	"	"	2,650	2,120		44
"	"	164	"	6,750	13,320	1950	"	..	"	"	"	6,000	4,800	8,670	45
DEW	R. Francis	450	248	8,000	6,000	1930	EE	240	6,600	80	80	6,000	4,800	4,800	46
EE	R. Francis	600	218	2,140	2,140	1955	EE	50	4,160	60	80	1,650	1,320	1,320	47
GGG	I.	360	250	750		1933	ASEA	..	6,600	60	80	600	480		48
PWW	"	257	"	800	1,550	"	WEST	..	"	"	"	525	420	900	49
AC	R.	720	258	1,000	1,000	1934	CGE	..	6,600	60	90	750	675	675	50

* See Gas Turbine Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Concluded

No.	Name of plant	General plant data			Main turbines				
		Water supply	Water outlet if different from source	Location or distance from nearest town	Operating head in feet			Average annual flow c.f.s.	Year placed in service
					Max.	Min.	Norm.		
	British Columbia – Concluded								
	Powell River Co. Ltd.:[1]								
1	Stillwater	Lois L.	Malaspina Straits	¼ Stillwater	439	350	417	865	1939
2									1948
3	Powell River	Powell L.	Malaspina Straits	Powell River	177	145	167	3,000	..
4									..
5									..
6									..
	Revelstoke, City of:								
7	Revelstoke	Illecillewaet R.	...	1 E. Revelstoke	66	48	56	..	1915
	Torbrit Silver Mines Ltd.:								
8	Clearwater	Clearwater L.	Kitsault R.	22 N. Alice Arm	740	500	740	23	1948
9									"
	West Kootenay Power and Light Company Limited:								
10	Lower Bonnington	Kootenay R.	...	11 W. Nelson	66	53	65	9,000	1925
11									"
12									1926
13	Goat River	Goat R.	...	5 E. Creston	70	65	69	200	1933
14									1934
15									1949
16	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...
17	Total generator name plate rating for plants under 500 kw.	...	...	...	...	...	...	...	...
18	Total name plate rating of all hydro-electric generators in province of B.C.	...	...	...	...	...	...	...	...
	Yukon								
	Northern Canada Power Commission:								
19	Whitehorse Rapids	Yukon R.	...	2 S. Whitehorse	61	61	61	1,500	1958
20									"
21	Mayo River	Mayo R.	...	5 N. Mayo Landing	121	115	119	493	1952
22									1957
	Yukon Consolidated Gold Corporation, Limited:								
23	North Fork	Klondike R.	...	27 W. Dawson City	..	..	220	..	1911
24									"
25									1935
	Yukon Hydro Co. Ltd.:								
26	Porter Creek	Porter Crk.	McIntyre Crk.	4 W. Whitehorse	420	420	420	15	1949
27									1952
28	MCIntyre Creek	McIntyre Crk.	...	3 W. Whitehorse	208	200	202	24	1955
29	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...
30	Total name plate rating of all hydro-electric generators in Yukon	...	...	...	...	...	...	...	...
	Northwest Territories								
	Consolidated Mining and Smelting Co.:								
31	Bluefish Lake	Yellow Knife R.	...	20 Yellow Knife	110	108	109	440	1941
	Northern Canada Power Commission:[2]								
32	Snare Rapids	Snare R.	...	90 N.W. Yellow Knife	65	60	63	1,190	1948
33	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...
34	Total name plate rating of all hydro-electric generators in Northwest Territories	...	...	...	...	...	...	...	...

[1] See Steam Equipment Section.

Section 1. Hydro Electric Equipment as at December 31, 1958 – Concluded

Main turbines						Main generators									
Name of mfr.	Type of runner	r.p.m.	Name plate rating			Year placed in service	Name of mfr.	WR^2 lbs-ft^2 (000)	Name plate rating						No.
			Feet head	h.p.	Total plant h.p.				Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
DEW	R. Francis	333	..	25,000		1930	CGE	..	6,600	50	100	18,000	18,000		1
"	"	"	..	25,000	50,000	1948	"	..	"	"	"	18,000	18,000	36,000	2
DEW	R. Francis	250	157	13,500		1926	CGE	..	2,300	50	100	12,000	12,000		3
PIW	"	375	147	3,600		1911	"	..	"	"	"	3,750	3,750		4
AC	"	"	"	3,000		"	"	..	"	"	"	2,800	2,800		5
"	"	"	"	3,000	23,100	"	"	..	"	"	"	2,800	2,800	21,350	6
EW	R. Francis	360	72	1,400	1,400	1949	WEST	..	2,400/4,160	60	80	1,125	900	900	7
GGG	I.	740	..	800		1948	EE	..	490	60	80	625	500		8
"	"	"	..	800	1,600	"	"	..	"	"	"	625	500	1,000	9
CAC	R. Francis	100	70	20,000		1925	CGE	..	7,200	60	90	17,500	15,750		10
"	"	"	"	20,000		"	"	..	"	"	"	17,500	15,750		11
"	"	"	"	20,000	60,000	1926	"	..	"	"	"	17,500	15,750	47,250	12
CAC	R. Francis	720	69	250		1933	CGE	..	2,300	60	90	225	200		13
CB	"	600	"	800		1934	"	..	"	"	80	600	480		14
"	"	"	"	800	1,850	1949	"	..	"	"	"	600	480	1,160	15
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,260,152	16
...	...	...	...	...	...	...	...	...	...	...	...	...	...	838	17
...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,260,990	18
KMW	R. Prop. K.	300	61	7,500		1958	CWC	710	6,900	60	85	6,700	5,695		19
"	"	"	"	7,500	15,000	"	"	"	"	"	"	6,700	5,695	11,390	20
DEW	R. Francis	450	110	3,000		1952	CGE	100	6,900	60	85	3,000	2,550		21
GGG	"	"	"	3,000	6,000	1957	"	110	"	"	80	3,000	2,400	4,950	22
IPM	R. Francis	514	220	5,000		1941	WEST	..	2,300	60	90	4,000	3,600		23
"	"	"	"	5,000		1922	"	..	"	"	"	3,000	2,700		24
DEW	"	"	"	5,000	15,000	1935	"	..	"	"	80[a]	4,690	3,750	10,050	25
PWW	I.	250	420	400		1949	GE	..	2,300	60	80	375[a]	300		26
GGG	"	720	400	940	1,340	1952	WEST	..	"	"	"	875	700	1,000	27
GGG	R. Francis	1,200	200	800	800	1955	WEST	..	2,400	60	80	812	650	650	28
...	...	...	...	...	...	...	...	...	...	...	...	...	...	28,040	29
...	...	...	...	...	...	...	...	...	...	...	...	...	...	26,040	30
CAC	R. Francis	360	110	4,700	4,700	1941	CWC	..	2,300	60	80	4,200	3,360	3,360	31
SMS	R. Francis	128	56	8,350	8,350	1948	CGE	5,000	6,900	60	100	7,000	7,000	7,000	32
...	...	...	...	...	...	...	...	...	...	...	...	...	...	10,360	33
...	...	...	...	...	...	...	...	...	...	...	...	...	...	10,360	34

[a] See Internal Combustion Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958

No.	General plant data		Boilers						Prime movers		
	Name of plant	Location	Year placed in service	Name of mfr.	Steam conditions PSIG	Steam conditions °F.	Rated steam prod. M lb. per hr.	Fuel and method of firing	Cooling water source	Year placed in service	Name of mfr.
	Newfoundland										
	Anglo-Newfoundland Development Company Limited:[1]										
1	Grand Falls	Grand Falls	1931	FW	450	650	150	O	River	1931	WEST
2			"	"	"	"	150	O		"	"
3			"	"	"	"	150	O			
4							250	O			
5			1958	"	"	"	150	WR (S)			
	Newfoundland Light and Power Co.:[1,2]										
6	St. John's	St. John's	1956	BWGM	410	760	110	O	Sea	1956	MV
7	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...	...	...
8	Total name plate rating of all steam generators in province of Nfld.	...	...	...	...	...	...	...	...	...	...
	Prince Edward Island										
	Maritime Electric Company Limited:										
9	Charlottetown	Charlottetown	1941	FW	270	650	40	O	Sea	1938	GE
10			1946	BURM	400	750	60	O		1935	WEST
11			1948	DB	"	"	75	O		1940	AC
12			1955	BURM	"	"	100	O		1947	PAR
13										1952	"
14										1957	BB
15	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...	...	...
16	Total name plate rating of all steam generators in province of P.E.I.	...	...	...	...	...	...	...	...	...	...
	Nova Scotia										
	Canada Electric Co. Ltd.:										
17	Harrison Lake	Maccan	1949	BW	600	815	175	C (P)	Lake	1949	PAR
18			1939	"	260	600	90	C (P)		1931	EE
19			1931	FW	"	"	90	C (P)		1926	BB
20										1929	FC
	Dominion Iron & Steel Limited:										
21	No. 3	Sydney	1937	BWGM	475	750	200	BG, C (P)	SEA	1937	BB
22			"	"	"	"	200	BG, C (P)		1919	CGE
23			1942	"	"	"	200	CG, C (P)		"	"
24										"	"
25										1943	PAR
	Malagash Salt Co. Ltd.:										
26	Malagash	Malagash	1941	FW	200	500	15	C (S)	River	1941	CS
27			"	"	"	"	15	C (S)			
	Mersey Paper Co. Ltd.:										
28	Brooklyn	Brooklyn	1929	CV	420	540	100	O, C (P)	Lake	1943	FC
29			"	"	"	"	100	O, C (P)			
30			"	"	"	"	100	O, WR, C (P)			
	Nova Scotia Light & Power Co. Ltd.:[1]										
31	Water Street	Halifax	1944	BWGM	600	800	110	C (P)	Sea	1944	PAR
32			1951	"	"	"	187	C (P)		1951	"
33			"	"	"	"	187	C (P)			
34			1953	"	"	"	220	C (P)		1953	MV
35			1955	"	"	"	300	C (P)		1955	"
36			1957	"	900	900	450	O		1957	EE
37			1958	"	"	"	450	O			
	Nova Scotia Power Commission:[1,2]										
38	Trenton	Trenton	1951	BWGM	830	815	110	C (P)	River	1951	PAR
39			1952	"	"	"	110	C (P)		1952	"
40			1955	CE	"	"	220	C (P)		1955	"

[1] See Hydro-Electric Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958

Prime movers					Main generators									
Type	Steam conditions		r.p.m.	Name plate rating max. cont. kw.	Year placed in service	Name of mfr.	Coolant	Name plate rating						No.
	PSIG	°F.						Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
BP	450	..	3,000	5,500	1931	WEST	Air	575	50	80	6,250	5,000		1
"	"	..	"	5,500	1930	"	"	"	"	"	6,250	5,000	10,000	2
														3
														4
														5
Cond.	400	750	3,600	10,000	1956	MV	Air	13,800	60	85	11,770	10,000	10,000	6
...	...	...	...	...	...	...	...	...	...	...	...	...	20,000	7
...	...	...	...	...	...	...	...	...	...	...	...	...	20,000	8
Cond.	150	476	3,600	1,000	1938	GE	Air	2,300	60	90	1,250	1,000		9
"	175	"	"	1,000	1935	WEST	"	"	"	"	1,080	1,000		10
"	250	650	"	1,500	1940	AC	"	"	"	80	1,875*	1,500		11
"	400	750	"	4,000	1947	PAR	"	4,150	"	90	4,400	4,000		12
"	"	"	"	7,500	1952	"	"	"	"	"	8,335*	7,500		13
"	"	"	"	7,500	1957	BB	"	"	"	"	8,335*	7,500	22,500	14
...	...	...	...	...	...	...	...	...	...	...	...	...	22,500	15
...	...	...	...	...	...	...	...	...	...	...	...	...	22,500	16
Cond.	600	815	3,600	15,000	1949	PAR	Air	6,900	60	80	18,750	15,000		17
"	250	600	"	6,250	1931	EE	"	2,200	"	"	7,812	6,250		18
"	"	"	"	1,500	1926	BB	"	"	"	"	1,875	1,500		19
"	"	"	"	4,000	1929	GE	"	"	"	"	5,000	4,000	26,750	20
BP	446	750	3,600	8,100	1937	BB	Air	6,600	60	80	9,500	7,600		21
Cond.	160	500	"	3,000	1919	CGE	"	2,300	"	"	3,750	3,000		22
"	"	"	"	3,000	"	"	"	6,600	"	"	"	"		23
"	"	"	"	5,000	"	"	"	"	"	"	6,250	5,000		24
"	450	750	"	16,000	1943	PAR	"	"	"	85	18,823	16,000	34,600	25
Cond.	200	500*	3,600	500	1941	GE	Air	600	60	85	625	500	500	26
														27
PO & Cond.	375	540	3,600	6,000	1929	GEC	Air	2,400	60	80	6,462	5,170	5,170	28
														29
														30
Cond.	600	800	3,600	12,500	1944	PAR	Air	4,100	60	100	12,500	12,500		31
"	"	"	"	20,000	1951	"	"	13,200	"	85	23,529	20,000		32
"	"	"	"	20,000	1953	MV	"	"	"	"	23,529	20,000		33
"	"	"	"	25,000	1955	"	"	"	"	"	29,412	25,000		34
"	900	900	3,600	45,000	1957	EE	Hyd.	"	"	"	52,941	45,000	122,500	35
														36
														37
Cond.	600	800	3,600	10,000	1951	PAR	Air	13,800	60	80	12,500	10,000		38
"	"	"	"	10,000	1952	"	"	"	"	"	12,500	10,000		39
"	"	"	"	20,000	1955	"	"	"	"	"	25,000	20,000	40,000	40

[1] See Internal Combustion Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 – Continued

No.	General plant data		Boilers						Prime movers		
	Name of plant	Location	Year placed in service	Name of mfr.	Steam conditions PSIG	Steam conditions °F.	Rated steam prod. M lb. per hr.	Fuel and method of firing	Cooling water source	Year placed in service	Name of mfr.
	Nova Scotia—Concluded										
	Seaboard Power Corporation Limited:										
1	Glace Bay	Glace Gay	1932	CE	440	660	90	C (P)	Sea	1932	BB
2			"	"	"	"	90	C (P)		1937	"
3			1951	FW	630	800	200	C (P)		1951	PAR
4			1954	"	"	"	200	C (P)		1954	"
5			1956	"	"	"	200	C (P)		1956	"
	Sifto Salt Limited:										
6	Amherst	Amherst	1947	DB	225	550	15	C (S)	Lake	1947	WC
7			1946	"	"	"	15	C (S)			
8	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...	...	...
9	Total generator name plate rating for plants under 500 kw.	...	...	...	...	...	...	...	...	...	...
10	Total name plate rating of all steam generators in province of N.S.	...	...	...	...	...	...	...	...	...	...
	New Brunswick										
	Bathurst Power & Paper Co. Ltd.:[1]										
11	Bathurst	Bathurst	1915	BW	170	480	19	C (S)	River	1937	HH
12			"	"	"	"	19	C (S)		..	BB
13			"	"	"	"	19	C (S)		1947	"
14			"	"	"	"	19	C (S)		1958	ASEA
15			1937	CE	625	715	110	C (P)			
16			1945	BW	"	"	175	C (P)			
17			1958	"	1,250	850	125	BL, O			
	Fraser Companies Limited:[1]										
18	Edmunston	Edmunston	1946	CE	600	750	100	C (P), WR	River	1949	WEST
19			"	"	"	"	100	C (P)		1947	BB
20			1958	"	1,250	950	220	C (P)		1958	WEST
21			1947	FW	155	370	12	SO_2			
22	Atholville	Atholville	1956	FW	625	710	135	C (P), WR	River	1929	WEST
23			"	"	"	"	135	C (P)		"	"
24			1947	"	125	355	9	SO_2		"	"
25										1934	MOR
26										1947	WEST
27										1956	BB
28	Newcastle	Newcastle	1949	CE	625	730	70	C (P), WR	River	1949	WEST
29			"	"	"	"	55	BL		"	"
	Irving Pulp & Paper Limited:										
30	Lancaster	Lancaster	..	CE	860	800	200	O	Sea	..	WEST
31			..	"	"	"	200	O		..	GE
	New Brunswick Electric Power Commission:[1,2]										
32	Chatham	Chatham	1948	FW	605	840	140	C (P)	River	1948	PAR
33			1956	CE	875	900	210	C (P), O		1956	BB
34	Grand Lake # 2	Newcastle Creek	1951	CE	450	675	150	C (P)	Lake	1951	PAR
35			1953	FW	605	840	200	C (P)		"	"
36										1953	"
37	Grand Lake # 1	Newcastle Creek	1931	CE	448	660	75	C (P)	Lake	1931	OER
38			"	"	"	"	75	C (P)		"	"
39			1936	"	"	"	100	C (P)		1936	PAR
40			1944	"	"	700	100	C (P)		1944	"
41	Dock Street	Saint John	1929	CE	450	700	90	C (P)	Sea	1929	BB
42			1947	FW	"	750	140	C (P)		1947	"
	New Brunswick International Paper Co.:										
43	Dalhousie	Dalhousie	1929	BW	450	640	90	C (P)	River	1929	AL
44			"	"	"	"	90	C (P)		"	"
45			1930	"	"	"	90	C (P)		1930	"
46			1950	"	"	"	90	C (P)		"	"
47			1954	CE	900	"	200	C (P)		1929	GE
48										1936	FC
49										1954	AC
50										1929	GE

[1] See Hydro-Electric Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 — Continued

Prime movers					Main generators									
Type	Steam conditions		r.p.m.	Name plate rating max. cont. kw.	Year placed in service	Name of mfr.	Coolant	Name plate rating						No.
	PSIG	°F.						Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
Cond.	401	650	3,600	6,000	1932	BB	Air	6,600	60	80	7,500	6,000		1
"	"	"	"	6,000	1937	"	"	"	"	"	7,500	6,000		2
"	615	750	"	18,750	1951	PAR	"	"	"	"	18,750	15,000		3
"	"	"	"	15,000	1954	"	"	"	"	"	18,750	15,000		4
"	"	"	"	18,750	1956	"	"	"	"	"	18,750	15,000	57,000	5
BP	210	550	4,506	700	1947	EMM	Air	600	60	80	875	700	700	6
														7
...	...	...	...	...	...	...	...	...	...	...	...	...	287,220	8
...	...	...	...	...	...	...	...	...	...	...	...	...	325	9
...	...	...	...	...	...	...	...	...	...	...	...	...	287,545	10
Cond.	170	480	3,600	2,000	1916	WEST	Air	2,400	60	..	1,875	1,875		11
Cond. & PO	625	715	"	7,800	1937	BB	"	"	"	80	7,500	6,000		12
BP & PO	"	"	"	7,650	1947	"	"	"	"	87	8,750	7,650		13
BP	1,225	850	"	6,540	1958	ASEA	"	"	"	80	8,750	7,000	22,525	14
														15
														16
														17
PO	150	550	3,600	3,000	1949	WEST	Air	6,900	60	80	3,750	3,000		18
BP	600	700	"	3,500	1947	BB	"	"	"	"	4,375	3,500		19
PO	1,200	950	"	12,500	1958	WEST	"	"	"	"	15,625	12,500	19,000	20
														21
Cond.	340	575	3,600	1,000	1929	WEST	Air	600	60	80	1,250	1,000		22
BP	"	"	"	1,000	"	"	"	"	"	"	1,250	1,000		23
"	"	"	"	1,000	"	"	"	"	"	"	1,250	1,000		24
PO	"	"	"	1,000	1934	GE	"	"	"	"	1,250	1,000		25
"	"	"	"	2,000	1947	WEST	"	"	"	"	2,500	2,000		26
BP	600	700	"	5,000	1956	BB	"	6,900	"	"	6,250	5,000	11,000	27
Cond.	600	700	3,600	2,000	1949	WEST	Air	6,900	60	80	2,500	2,000		28
PO	"	"	"	2,500	"	"	"	"	"	"	3,125	2,500	4,500	29
Cond.	275	600	..	2,500	1947	WEST	Air	600	60	80	2,500	2,000		30
BP & Ext.	865	800	..	10,000	1955	CGE	"	6,900	"	"	12,500	10,000	12,000	31
Cond.	600	825	3,600	15,625	1948	PAR	Air	7,000	60	80	15,625	12,500		32
"	875	900	"	23,529	1956	BB	Hyd.	13,800	"	85	23,529	20,000	32,500	33
Cond.	430	675	3,600	6,250	1951	PAR	Air	7,000	60	80	6,250	5,000		34
"	"	"	"	"	"	"	"	"	"	"	6,250	5,000		35
"	600	825	"	18,750	1953	"	"	"	"	"	18,750	15,000	25,000	36
Cond.	430	660	3,600	3,575	1931	OER	Air	7,000	60	70	3,575	2,500		37
"	"	"	"	3,575	"	"	"	"	"	"	3,575	2,500		38
"	"	"	"	7,813	1936	PAR	"	"	"	80	7,813	6,250		39
"	"	700	"	9,375	1944	"	"	"	"	"	9,375	7,500	18,750	40
Cond.	430	700	3,600	7,500	1929	BB	Air	4,150	60	80	7,500	6,000		41
"	"	750	"	11,760	1947	"	"	"	"	85	11,760	10,000	16,000	42
BP	140	420	900	750	1929	HAR	Air	540	DC*	...	...	750		43
"	"	"	"	750	"	"	"	"	"	...	...	750		44
"	"	"	1,200	2,000	1957	GE	"	"	"	...	...	2,000		45
"	"	"	"	2,000	"	"	"	"	"	...	...	2,000		46
BP	450	640	3,600	6,000	1929	"	"	6,600	60	80	7,500	6,000		47
Cond.	"	"	"	8,000	1936	"	"	"	"	"	10,000	8,000		48
"	250	500	"	5,000	1954	AC	"	6,650	"	"	6,250	5,000		49
"	140	450	"	750	1929	GE	"	600	"	"	937	750	25,250	50

[2] See Internal Combustion Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 — Continued

No.	General plant data		Boilers						Prime movers		
	Name of plant	Location	Year placed in service	Name of mfr.	Steam conditions PSIG	Steam conditions °F.	Rated steam prod. M lb. per hr.	Fuel and method of firing	Cooling water source	Year placed in service	Name of mfr.
	New Brunswick—Concluded										
	Saint John Dry Dock Co. Ltd.:										
1	East Saint John	East Saint John	1923	RWT	137	..	28	O	Sea	1923	WAI
2			"	"	"	..	28	O		"	DL
3			"	"	"	..	28	O		"	"
4	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...	...	...
5	Total generator name plate rating for plants under 500 kw. (Includes 1 plant over 500 kw. for which detailed information not available)	...	...	...	...	...	...	...	...	...	...
6	Total name plate rating of all steam generators in province of N.B.	...	...	...	...	...	...	...	...	...	...
	Quebec										
	Anglo-Canadian Pulp and Paper Mills Limited:[1]										
7	Quebec City	Quebec City	1927	..	400	550	100	O	River	..	WEC
8			..	..	"	"	100	O			
9			..	..	"	"	100	O			
10			1949	..	"	"	200	O			
	Canada & Dominion Sugar Co. Ltd.:										
11	Montreal	Montreal	1923	BUR	300	480	90	C (P)	River	1925	GS
12			"	"	"	"	90	C (P)		"	"
13			"	BW	"	"	90	C (P)		1947	WP
	Canada Paper Company:										
14	Windsor Mills	Windsor Mills	1955	FW	200	450	175	C (P)	River	1930	GE
	Canadian Celanese Limited:										
15	Drummondville	Drummondville	1926	CV	100	375	20	O	River	1934	PAR
16			"	"	"	"	20	O		1949	GE
17			"	"	"	"	20	O		1951	"
18			"	"	"	"	20	O		1953	"
19			1933	BW	450	670	60	O			
20			1936	"	"	"	60	C (S)			
21			1940	"	"	"	60	C (S)			
22			1948	CE	600	720	80	O			
23			1951	FW	"	"	132	O, C			
	Canadian International Paper Company:										
24	Gatineau Mills	Gatineau	1953	CE	200	437	200	.. (P)	River	1927	GE
25			1947	"	"	"	200	.. (P)		"	"
26			1930	FW	"	440	125	.. (P)		"	"
27			"	"	"	"	125	.. (P)		"	"
28			"	"	"	"	125	.. (P)			
29			"	"	"	"	125	.. (P)			
30	Three Rivers	Three Rivers	1925	BW	150	450	60	WR	..	1922	GE
31			"	"	"	"	90	O, C (P)		"	"
32			"	"	"	"	90	O, C (P)		"	"
33			"	"	"	"	90	O, C (P)		"	"
34			"	"	"	"	90	O, C (P)		1925	"
35			"	"	"	"	90	O, C (P)		"	"
36			"	"	"	"	90	O, C (P)		"	"
	Continental Can Company of Canada Ltd.:										
37	Montreal, Boxboard	Montreal	1925	BW	205	465	35	O	..	1925	BM
38			1957	CE	650	720	50	O		"	"
	Dominion Textile Company Limited:[1]										
39	Magog	Magog	1934	BW	240	600	20	C (S)	Lake	1938	AL
40			"	"	"	"	20	C (S)		1948	"
41			1937	"	"	"	20	C (S)			
42			1941	"	"	"	30	C (S)			
43			1947	"	"	"	45	C (S)			
44			"	"	"	"	45	C (S)			
45			"	"	"	"	45	C (S)			
	The E.B. Eddy Company:[1]										
46	Hull	Hull	1958	BW	225	500	140	C (P)	River	1925	AL
47			1925	"	200	"	40	C (S)			
48			"	"	"	"	40	C (S)			
49			1945	"	225	"	100	C (S)			
50			1910	LEN	100	338	12	WR			

[1] See Hydro-Electric Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 – Continued

Prime movers					Main generators									
Type	Steam conditions		r.p.m.	Name plate rating max. cont. kw.	Year placed in service	Name of mfr.	Coolant	Name plate rating						No.
	PSIG	°F.						Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
..	137	..	3,600	900	1923	AC	..	600	60	..	..	900		1
..	"	..	"	900	"	"	..	"	"	..	..	900		2
..	"	..	"	900	"	"	..	"	"	..	..	900	2,700	3
...	...	...	...	...	...	...	...	...	...	...	...	...	189,225	4
...	...	...	...	...	...	...	...	...	...	...	...	...	3,124	5
...	...	...	...	...	...	...	...	...	...	...	...	...	192,349	6
BP	400	550	3,600	6,000	..	WEC	Air	2,400	60	80	7,500	6,000	6,000	7 8 9 10
..	300	470	3,600	..	1925	LANC	Air	600	60	80	1,250	1,000		11
..	"	"	"	..	"	"	"	"	"	"	1,250	1,000		12
..	"	"	"	..	1947	EMM	"	"	"	"	1,875	1,500	3,500	13
..	175	..	3,600	1,250	1936	GE	Water	2,300	60	80	1,563	1,250	1,250	14
BP	420	670	6,000	1,500	1934	PAR	Air	4,000	60	90	1,670	1,500		15
"	600	720	3,600	2,500	1949	GE	"	"	"	80	3,125	2,500		16
"	"	"	"	3,500	1951	"	"	"	"	"	4,375	3,500		17
Cond.	175	350	"	2,000	1953	"	"	575	"	"	2,500	2,000	9,500	18 19 20 21 22 23
BP	125	430	3,600	945	1927	GE	Air	250/300	DC	...	...	900		24
"	"	"	"	945	"	"	"	"	"	...	...	900		25
"	"	"	"	945	"	"	"	"	"	...	...	900		26
"	"	"	"	945	"	"	"	"	"	...	...	900	3,600	27 28 29
BP	150	450	3,600	500	1922	GE	Air	300	DC	...	...	500		30
"	"	"	"	500	"	"	"	"	"	...	...	500		31
"	"	"	"	500	"	"	"	"	"	...	...	500		32
"	"	"	"	500	"	"	"	"	"	...	...	500		33
"	"	"	"	500	1925	"	"	"	"	...	...	500		34
"	"	"	"	500	"	"	"	"	"	...	...	500	3,000	35
"	"	"	"	500										36
BP	215	480	360	450	1925	GE	Air	550	60	85	530	450		37
"	"	"	"	450	"	"	"	"	"	"	530	450	900	38
BP	240	600	6,000	2,000	1938	MP	Air	2,300	60	80	2,500	2,000		39
Cond.	"	"	4,800	2,000	1948	"	"	"	"	"	2,500	2,000	4,000	40 41 42 43 44 45
..	175	500	5,500	900	1952	HAR	Air	540	DC	...	...	650	650	46 47 48 49 50

SECTION 2. Steam Equipment as at December 31, 1958 – Continued

No.	General plant data		Boilers						Prime movers		
	Name of plant	Location	Year placed in service	Name of mfr.	Steam conditions PSIG	Steam conditions °F.	Rated steam prod. M lb. per hr.	Fuel and method of firing	Cooling water source	Year placed in service	Name of mfr.
	Quebec – Concluded										
	Gaspesia Sulphite Company Ltd.:										
1	Chandler	Chandler	1943	CEA	600	710	60	O	River	1954	BB
2			"	"	"	"	60	O		..	WEST
3			1958	"	"	"	180	O		..	GE
4			1953	FW	150	450	30	O			
	Noranda Mines Limited:										
5	Noranda Smelter	Noranda	1955	ING	175	530	27	WH	Lake	1935	PAR
6			1952	"	"	"	27	WH		1940	"
7			1951	"	"	"	27	WH		1957	GE
8			1953	"	"	"	27	WH			
9			1957	"	"	"	27	WH			
10			"	"	"	"	27	WH			
	Ogilvie Flour Mills Co. Limited:[1]										
11	Montreal	Montreal	1947	BW	450	600	30	O	River	1948	WC
12			"	"	"	"	30	O			
	Ste. Anne Paper Co. Ltd.:										
13	Beaupré	Beaupré	1950 R	CE	240	550	75	C (P)	River	1927	AT
14			1951 R	"	"	"	75	C (P)		"	"
15			1927	VK	"	"	50	C (P)			
16											
17	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...	...	...
18	Total generator name plate rating for plants under 500 kw.	...	...	...	...	...	...	...	...	...	...
19	Total name plate rating of all steam generators in province of Quebec	...	...	...	...	...	...	...	...	...	...
	Ontario										
	Abitibi Power & Paper Co. Ltd.:[1]										
20	Sault Ste. Marie	Sault Ste. Marie	1956	BW	150	500	100	C (P), WR, CG	River	1927	GE
21			1955	"	"	"	85	C (P), WR, CG			
22			"	"	"	"	85	C (P), WR, CG			
23	Thunder Bay Division	Port Arthur	1928	BW	360	650	55	C(S), WR(S)	Lake	1928	GE
24			"	"	"	"	55	C(S), WR(S), NG			
25			1949	BWCM	"	700	85	C(S), WR(S), NG			
	Algoma Steel Corporation Limited:[2]										
26	Sault Ste. Marie	Sault Ste. Marie	1942	FW	400	446	100	BG, CG, C	Lake	1942	WEST
27			"	"	"	"	100	BG, CG, C		"	"
28			1943	"	"	"	120	BG, CG			
29			1958	"	"	750	175	BG, CG, O			
	Brunner Mond Canada Limited:										
30	Amherstburg	Amherstburg	1918	BW	200	470	25	C (S)	River	1948	GE
31			"	"	"	"	25	C (S)		1918	"
32			"	GOMC	"	"	25	C (S)		"	"
33			"	"	"	"	25	C (S)		1938	MST
34			1938	BWGM	"	480	60	C (P)		1957	GE
35			1940	"	"	"	60	C (P)			
36			1948	"	435	700	60	C (P)			
37			1957	"	"	"	60	C (P)			
38			"	"	"	"	60	C (P)			
	Canada & Dominion Sugar Co. Ltd.:										
39	Chatham	Chatham	1945	FW	250	550	65	C (S)	River	1946	WC
40			"	"	"	"	65	C (S)		"	"
41			"	"	"	"	65	C (S)			
42			"	"	"	"	65	C (S)			
43	Wallaceburg	Wallaceburg	1925	BW	260	550	60	C (P), O	River	1950	WC
44			"	"	"	"	60	C (P), O		1953	"
45			"	"	"	"	60	C (P), O			
	Canadian Furnace Co. Limited:										
46	Port Colborne	Port Colborne	1954	FW	275	550	100	BG, O	Lake	1940	WC
47			1940	"	"	"	50	BG, O			
48			"	"	"	"	50	BG, O			

[1] See Hydro-Electric Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 – Continued

Prime movers					Main generators									
Type	Steam conditions		r.p.m.	Name plate rating max. cont. kw.	Year placed in service	Name of mfr.	Coolant	Name plate rating						No.
	PSIG	°F.						Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
Cond.	600	710	3,600	6,000	1954	BB	Air	6,600	60	80	7,700	6,000		1
"	"	"	"	4,000	1945	WEST	"	550	"	"	5,000	4,000		2
"	150	450	"	2,500	1930	GE	"	"	"	"	3,000	2,500	12,500	3
														4
PO	165	525	3,750	2,600	1935	PAR	Air	12,000	25	90	2,690	2,600		5
Cond.	"	"	"	3,000	1940	"	"	"	"	"	3,333	3,000		6
PO	"	"	5,200	4,500	1957	CGE	"	"	"	"	5,000	4,500	10,100	7
														8
														9
														10
Cond.	435	660	4,225	1,000	1948	EM	Air	2,300	60	80	1,250	1,000	1,000	11
														12
BP	225	550	6,500	1,300	1927	HAR	Air	600	60	100	750	750		13
"	"	"	"	"	"	"	"	"	"	"	750	750		14
					"	"	"	540	DC	...	...	650		15
					"	"	"	"	"	...	...	650	2,800	16
...	...	...	...	...	...	...	...	...	...	...	...	...	58,800	17
...	...	...	...	...	...	...	...	...	...	...	...	...	883	18
...	...	...	...	...	...	...	...	...	...	...	...	...	59,683	19
E & Cond.	150	500	3,600	3,500	1927	GE	Air	2,300	60	80	4,375	3,500	3,500	20
														21
														22
DE & Cond.	350	685	3,600	3,125	1928	GE	Air	600	60	80	3,125	2,500	2,500	23
														24
														25
..	400	446	3,600	625	1942	WEST	Air	575	60	80	625	500		26
..	"	"	"	625	"	"	"	"	"	"	625	500	1,000	27
														28
														29
..	185	470	3,600	2,500	1948	GE	Air	4,800	60	80	3,125	2,500		30
..	"	"	"	600	1918	"	"	480	"	"	750	600		31
..	"	"	"	600	"	"	"	"	"	"	750	600		32
..	"	"	"	2,000	1938	CRW	"	"	"	"	2,500	2,000		33
..	400	625	"	3,750	1957	GE	"	4,800	"	"	4,690	3,750	9,450	34
														35
														36
														37
														38
BP	250	550	3,800	1,500	1946	EMM	Air	600	25	80	1,875	1,500		39
"	"	"	"	1,500	"	"	"	"	"	"	1,875	1,500	3,000	40
														41
														42
BP	250	550	3,600	1,500	1950	EMM	Air	600	25	80	1,875	1,500		43
"	"	"	"	1,500	1953	"	"	"	"	"	1,875	1,500	3,000	44
														45
..	250	550	3,600	750	1940	GE	Air	250	DC	...	...	750	750	46
														47
														48

[1] See Internal Combustion Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 – Continued

No.	General plant data		Boilers						Prime movers		
	Name of plant	Location	Year placed in service	Name of mfr.	Steam conditions		Rated steam prod. M lb. per hr.	Fuel and method of firing	Cooling water source	Year placed in service	Name of mfr.
					PSIG	°F.					
	Ontario—Continued										
	Canadian General Electric Co. Ltd.:[1,2]										
1	Peterborough Works	Peterborough	1953	CE	400	700	60	C (P)	..	1930	GE
2			1942	"	"	600	100	C (P)			
3			1941	"	"	"	100	C (P)			
	Continental Can Co. of Canada Ltd.:										
4	Toronto Boxboard Mill	Toronto	1928	BW	300	460	70	C (P), O	Lake	1937	MST
5			"	"	"	"	65	C (P), O			
	Dryden Paper Co. Ltd.:										
6	Dryden	Dryden	1954	CE	600	750	112	NG, C	River	1955	BB
7			1953	"	"	"	150	BL			
8			1957	BW	"	"	150	NG, C			
	The E.B. Eddy Company:[1]										
9	Ottawa	Ottawa	1944	FW	165	480	70	C (P)	River	1923	FC
10			"	"	"	"	70	C (P)			
11			1956	"	"	"	100	C (P)			
12			1933	DB	"	373*	15	Elec			
	Ford Motor Co. of Canada Ltd.:										
13	Windsor Manufacturing Division	Windsor	1939	CE	800	800	140	C (P)	River	1937	PAR
14			1938	"	"	"	140	C (P)		1939	"
15			1937	"	"	"	140	C (P)		"	BTH
16			1936	"	"	"	140	C (P)		1952	"
17			1952	"	"	"	200	C (P)			
	The Great Lakes Paper Co. Ltd.:[1]										
18	Fort William	Fort William	1956	CE	875	900	200	NG	River	1928	GE
19			1958	"	450	650	200	NG		"	"
20			1948	"	"	"	100	NG			
21			1928	HB	"	625	85	C (P)			
22			"	"	"	"	65	C (P), WR (D)			
	The Hamilton Cotton Company Limited:										
23	Toronto	Toronto	1952	BWGM	450	700	30	C (P)	..	1936	AL
24			"	"	"	"	35	C (S)			
	Hay & Co. Ltd.:										
25	Woodstock	Woodstock	1947	FW	145	400	23	WR	Wells	1948	GE
26			"	"	"	"	23	WR			
	Hiram Walker & Sons Ltd.:										
27	Walkerville	Walkerville	1920	BW	150	350*	20	C (S)	River	1938	GE
28			"	"	"	350*	20	C (S)		1952	"
29			"	"	"	350*	20	C (S)		1955	"
30			1952	"	400	580	70	C (P)		1924	WEST
31			1955	"	"	580	70	C (P)			
	Hydro Electric Power Commission of Ontario:[1,2]										
32	Richard L. Hearn	Toronto	1951	BWGM	875	900	850	C (P)	Lake	1951	PAR
33			1952	"	"	"	850	C (P)		1952	"
34			"	"	"	"	850	C (P)		"	"
35			1953	"	"	"	850	C (P)		1953	"
36	J. Clark Keith	Windsor	1952	BWGM	675	900	650	C (P)	River	1952	EE
37			1951	"	"	"	650	C (P)		1951	"
38			1953	"	"	"	650	C (P)		1953	"
39			"	"	"	"	650	C (P)		"	"
	Kalamazoo Vegetable Parchment Company Limited:[1]										
40	Espanola	Espanola	1946	CE	252	460	90	C (F)	River	1951	GE
41			"	"	"	"	100	C (P)			
42			1950	"	"	"	100	C (P)			
43			1958	"	725	"	160	C (P)			
	McFadden Lumber Company Division of Huron Forests Products Co. Limited:										
44	Blind River	Blind River	1927	CV	156	..	40	WR (D)	Lake	1927	AC
45			"	"	"	..	40	WR (D)		"	"
46			"	"	"	..	40	WR (D)			

[1] See Hydro-Electric Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 — Continued

Prime movers					Main generators									
Type	Steam conditions		r.p.m.	Name plate rating max. cont. kw.	Year placed in service	Name of mfr.	Coolant	Name plate rating						No.
	PSIG	°F.						Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
Cond. & BP	400	600	3,600	2,000	1930	GE	"	6,600	60	80	2,500	2,000	2,000	1 2 3
Cond.	300	460	3,600	..	1937	CRW	Air	600	60	80	3,125	2,500	2,500	4 5
PO & BP	600	750	3,600	6,600	1955	BB	Air	4,160	60	90	6,666	6,000	6,000	6 7 8
..	160	460	3,600	2,500	1923	GEC	Air	2,400	60	100	2,500	2,500	2,500	9 10 11 12
PO	800	800	3,600	20,000	1937	PAR	Air	13,800	60	80	25,000	20,000		13
"	"	"	"	5,000	1936	"	"	"	"	100	5,000	5,000		14
"	"	"	"	25,000	1939	BTH	"	"	"	80	31,250	25,000		15
"	"	"	"	31,250	1952	"	Hyd.	"	"	"	35,938	28,750	78,750	16 17
BP	450	650	3,600	4,000	1928	GE	Air	4,000	60	80	5,000	4,000		18
DE & Cond.	"	"	"	5,000	"	"	"	"	"	"	6,250	5,000	9,000	19 20 21 22
BP	425	700	7,400	1,111	1936	BRP	Air	2,200	60	90	1,111	1,000	1,000	23 24
Cond.	145	400	3,780	500	1948	GE	Air	480	60	80	625	500	500	25 26
PO & Cond.	400	580	3,600	1,000	1938	GE	Air	4,160	60	80	1,250	1,000		27
BP	150	450	"	1,000	1952	"	"	"	"	"	1,250	1,000		28
PO & BP	400	580	"	2,500	1955	"	"	"	"	"	3,125	2,500		29
Cond.	150	450	"	625	1924	WEST	"	"	"	"	760	625	5,125	30 31
Cond.	875	900	1,800	100,000	1951	PAR	Hyd.	13,800	60	87	115,000	100,000		32
"	"	"	"	100,000	1952	"	"	"	"	"	115,000	100,000		33
"	"	"	"	100,000	"	"	"	"	"	83	121,000	100,000		34
"	"	"	"	100,000	1953	"	"	"	"	87	115,000	100,000	400,000	35
Cond.	850	900	3,600	66,000	1952	EE	Hyd.	13,800	60	85	77,500	66,000		36
"	"	"	"	66,000	1951	"	"	"	"	"	77,500	66,000		37
"	"	"	"	66,000	1953	"	"	"	"	"	77,500	66,000		38
"	"	"	"	66,000	"	"	"	"	"	"	77,500	66,000	264,000	39
BP	250	460	3,189	..	..	GE	Air	2,300	60	80	2,500	2,000	2,000	40 41 42 43
Cond.	150	..	3,600	750	1927	AC	Air	2,300	60	80	935	750		44
"	"	..	"	2,000	"	"	"	"	"	"	2,500	2,000	2,750	45 46

[1] See Internal Combustion Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 – Continued

No.	General plant data		Boilers						Prime movers		
	Name of plant	Location	Year placed in service	Name of mfr.	Steam conditions PSIG	Steam conditions °F.	Rated steam prod. M lb. per hr.	Fuel and method of firing	Cooling water source	Year placed in service	Name of mfr.
	Ontario – Concluded										
	Marathon Corporation Of Canada Ltd.:[1]										
1	Marathon Pulp Mill	Marathon	1946	CE	675	700	115	C (P)	Lake	1946	WEST
2			"	"	"	"	115	C (P)		1948	GE
3			"	"	"	"	115	O		"	"
4			"	BW	"	"	70	BL			
5			"	"	"	"	70	BL			
6			1954	CE	"	"	85	BL			
	The Ontario-Minnesota Pulp and Paper Company Limited:[1]										
7	Fort Frances	Fort Frances	1930	BW	385	590	35	C (S)	River	1927	BB
8			"	"	"	"	35	C (S)			
9			1947	"	"	"	65	C (S)			
10			1953	FW	"	"	100	C (S)			
	Ontario Paper Company Limited:[1]										
11	Thorold	Thorold	1936	FW	422	660	150	C (P)	Canal	1937	GE
12			"	"	"	"	150	C (P)		"	"
13			1937	"	"	"	150	C (P)			
14			1948	"	"	"	150	C (P)			
	Polymer Corporation Limited:										
15	Sarnia	Sarnia	1943	BW	420	615	275	C (P), O, WG	River	1943	WEST
16			"	"	"	"	275	C (P), O, WG		1946	"
17			1944	"	"	"	275	C (P), O		1943	"
18			"	"	"	"	275	C (P), O		1956	GE
19			"	"	"	"	275	C (P), O			
20			1953	CE	"	720	440	C (P), O			
	Spruce Falls Power & Paper Co. Ltd.:[1]										
21	Kapuskasing	Kapuskasing	1952	CE	250	560	100	C (P), NG, WR	River	1928	AL
22			1928	CV	"	"	90	C (P)		"	"
23			"	"	"	"	90	C (P)		1945	GE
24			"	"	"	"	100	C (P), NG		1958	PAR
25			"	"	"	"	100	C (P), NG			
	The Steel Company of Canada Limited:										
26	Hamilton Works	Hamilton	1948	CE	450	750	125	BG, O, CG	Lake	1948	MST
27			"	"	"	"	125	BG, O, CG			
28			"	"	"	"	125	BG, O, CG			
29			"	"	"	"	125	BG, O, CG			
30			1956	"	"	"	125	BG, O, CG			
	Strathcona Paper Company Limited:										
31	Strathcona	Strathcona	1937	BWGM	400	590	25	C (S)	River	1955	ASEA*
32			1952	"	415	600	50	C (S)		"	"
33	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...	...	...
34	Total generator name plate rating for plants under 500 kw. (Includes 2 plants over 500 kw. for which detailed information not available)	...	...	...	...	...	...	...	...	...	...
35	Total name plate rating of all steam generators in province of Ontario	...	...	...	...	...	...	...	...	...	...
	Manitoba										
	Manitoba Hydro-Electric Board:[1]										
36	Brandon	Brandon	1957	CE	625	825	325	C (P), NG	River	1957	MV
37			1958	"	"	"	"	C (P), NG		1958	"
38			"	"	"	"	"	C (P), NG		"	"
39			"	"	"	"	"	C (P), NG		"	"
	The Manitoba Sugar Company Limited:										
40	Fort Garry	Winnipeg	1940	FW	300	614	45	O	River	1940	EL
41			"	"	"	"	"	O		1953	BB
42			1952	"	"	"	50	O			
	The National Harbours Board:										
43	Churchill	Churchill	1931	BWGM	250	650	25	C (S), GRR	Tidal	1931	PAR
44			"	"	"	"	25	C (S), GRR	River	"	"
45			"	"	"	"	12	C (S), GRR		"	"

[1] See Hydro-Electric Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 — Continued

Prime movers					Main generators									
Type	Steam conditions		r.p.m.	Name plate rating max. cont. kw.	Year placed in service	Name of mfr.	Coolant	Name plate rating						No.
	PSIG	°F.						Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
Cond.	600	700	3,600	7,500	1946	WEST	Air	6,900	60	90	9,375	7,500		1
"	"	"[3]	"	4,000	1948	GE	"	"	"	"	5,000	4,000		2
BP	"	"[3]	"	4,000	"	"	"	"	"	"	5,000	4,000	15,500	3
														4
														5
														6
BP	385	595	3,600	3,000	1927	BB	Air	6,900	60	80	3,750	3,000	3,000	7
														8
														9
														10
BP & PO	420	670	4,994	4,000	1937	CGE	Air	11,000	25	80	5,000	4,000		11
" "	"	"	"	4,000	"	"	"	"	"	"	5,000	4,000	8,000	12
														13
														14
Cond.	165	620	1,800	9,500	1943	WEST	Air	6,600	66	90	12,500	11,250		15
BP & Cond.	410	"	3,600	7,193	1946	"	"	13,800	60	70	7,143	5,000		16
BP	"	"	"	5,000	1943	"	"	6,600	"	80	5,000	4,000		17
"	"	720	"	12,500	1956	GE	"	13,800	"	85	15,625	13,280	33,530	18
														19
														20
BP	250	560	6,500	650	1928	HAR	Air	600	DC	...	...	650		21
"	"	"	"	650	"	"	"	540	"	...	...	650		22
Cond.	"	"	1,800	12,500	1945	GE	"	6,600	60	80	15,630	12,500		23
BP	"	"	3,600	9,100	1958	PAR	"	"	"	"	10,100	9,100	22,900	24
														25
BP	450	750	3,600	4,000	1948	CGE	Air	6,900	25	80	5,000	4,000	4,000	26
														27
														28
														29
														30
BP	400	590[3]	3,600	2,000	1955	ASEA	Air	575	60	80	2,000	1,600		31
"	"	"	"	2,000	"	"	"	"	"	"	2,000	1,600	3,200	32
...	...	...	...	...	...	...	...	...	...	...	...	...	889,455	33
...	...	...	...	...	...	...	...	...	...	...	...	...	5,430	34
...	...	...	...	...	...	...	...	...	...	...	...	...	894,885	35
Cond.	600	825	3,600	30,000	1957	MV	Hyd.	13,800	60	85	35,295	30,000		36
"	"	"	"	30,000	1958	"	"	"	"	"	35,295	30,000		37
"	"	"	"	30,000	"	"	"	"	"	"	35,295	30,000		38
"	"	"	"	30,000	"	"	"	"	"	"	35,295	30,000	120,000	39
BP	280	614	3,600	1,500	1940	EL	Air	600	60	80	1,875	1,500		40
"	300	610	"	2,500	1953	BB	"	550	"	"	3,125	2,500	4,000	41
														42
Cond.	230	650	3,600	1,500	1931	PAR	Air	600	60	80	1,875	1,500		43
"	"	"	3,600	1,500	"	"	"	"	"	"	1,875	1,500		44
"	"	"	3,600	600	"	"	"	"	"	"	750	600	3,600	45

[3] See Internal Combustion Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 – Continued

No.	General plant data		Boilers						Prime movers		
	Name of plant	Location	Year placed in service	Name of mfr.	Steam conditions PSIG	Steam conditions °F.	Rated steam prod. M lb. per hr.	Fuel and method of firing	Cooling water source	Year placed in service	Name of mfr.
	Manitoba – Concluded										
	Winnipeg Hydro-Electric System:[1]										
1	Winnipeg	Winnipeg	1924	ING	250	550	70	C (P)	River	1924	HOW
2			"	"	"	"	70	C (P)		"	"
3			"	"	"	"	70	C (P)		1952	BB
4			1930	"	"	"	70	C (P)		1954	"
5			1950	BW	"	"	125	C (S)			
6			1957	"	"	"	125	C (S)			
7			1952	"	400	750	165	C (P)			
8			1953	"	"	"	280	C (P)			
9	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...	...	...
10	Total name plate rating of all steam generators in province of Manitoba	...	...	...	...	...	...	...	...	...	...
	Saskatchewan										
	Hudson Bay Mining and Smelting Co. Limited:										
11	Flin Flon	Flin Flon (Sask.)	1929	CE	250	530	14	C (H)	Lake	1929	GE
12			1930	"	"	"	14	O		1951	"
13			"	BWGM	"	550	22	WH			
14			"	"	"	"	22	WH			
15			1951	"	450	725	46	WH			
18			"	"	"	"	46	WH			
	National Light & Power Co. Ltd:										
17	Moose Jaw	Moose Jaw	1930	CE	250	700	50	O, NG	River	1931	PAR
18			1931	"	"	"	50	O, NG		1927	"
19			1939	FW	600	800	120	C (P), O, NG		1952	"
20			1946	VICK	250	700	30	O, NG		1946	WEST
21			"	"	"	"	30	O, NG		1954	GE
22			1949	CE	600	800	140	C (P), O, NG			
23			1953	BW	"	"	100	C (P), O, NG			
	Regina, City of:										
24	Regina	Regina	1950	BW	400	800	300	O, NG	Lake	1938	PAR
25			1938	FW	"	"	150	O		1950	"
26			1946	"	"	"	100	O, NG		1925	CGE
27			1948	"	"	"	100	O, NG		1930	PAR
28			1951	"	"	"	165	O, NG		1955	"
	Saskatchewan Power Corporation:[2,3]										
29	A.L. Cole	Saskatoon	1929	BW	400	735	85	O, NG	River	1929	PAR
30			1928	"	"	"	85	C (S)		1947	"
31			1939	"	"	800	140	C (S)		1953	"
32			1950	"	"	"	180	C (S)		1954	"
33			1954	"	"	"	225	C (S)		1957	"
34			1955	FW	415	"	300	O, NG			
35			1957	CE	865	910	330	C (P), O, NG			
36	Estevan	Estevan	1929	LEO	250	526	15	C (S)	River	1929	GE
37			"	"	"	"	15	C (S)		"	WEST
38			1948	CE	420	680	80	C (S)		1948	GE
39			1950	"	"	"	100	C (S)		1950	PAR
40			1953	FW	"	720	200	C (S)		1953	"
41			1957	"	"	"	225	C (S)		1957	MV
42			"	"	"	"	225	C (S), NG			
43	Queen Elizabeth	Saskatoon	1958	FW	870	910	600	C (P), O, NG	River	1958	BB
44	Prince Albert	Prince Albert	1936	BW	325	700	37	C (S)	River	1925	GE
45			1945	"	"	"	100	O, NG		1949	PAR
46			1949	CE	"	"	115	O, NG		1936	"
47										1952	"
	Sifto Salt Limited:										
48	Unity	Unity	1948	FW	220	520	20	NG	Lake	1948	WM
49			"	"	"	"	20	NG			
	Weyburn, City of:										
50	Weyburn	Weyburn	1949	FW	150	650	25	C (S)	River	1930	PAR
51			1955	BW	"	"	40	C (S)		1949	"
52	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...	...	...
53	Total name plate rating of all steam generators in province of Saskatchewan	...	...	...	...	...	...	...	...	...	...

[1] See Hydro-Electric Equipment Section.
[2] See Internal Combustion Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 — Continued

Prime movers					Main generators									
Type	Steam conditions		r.p.m.	Name plate rating max. cont. kw.	Year placed in service	Name of mfr.	Coolant	Name plate rating						No.
	PSIG	°F.						Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
Cond.	250	550	3,600	5,000	1924	PAR	Air	12,000	60	80	..	5,000		1
"	"	"	"	"	"	"	"	"	"	"	..	5,000		2
"	400	750	"	15,000	1952	BB	"	"	"	"	..	15,000		3
"	"	"	"	25,000	1954	"	"	"	"	85	..	25,000	50,000	4
														5
														6
														7
														8
...	...	...	...	...	...	...	...	...	...	...	...	...	177,600	9
...	...	...	...	...	...	...	...	...	...	...	...	...	177,600	10
Cond.	200	525	3,600	1,000	1929	GE	Air	2,300	60	80	1,250	1,000		11
"	400	725	"	7,500	1951	"	"	6,900	"	"	7,500	6,000	7,000	12
														13
														14
														15
														16
Cond.	250	700	3,600	10,000	1931	PAR	Air	4,000	60	80	12,500	10,000		17
"	"	"	"	5,000	1927	"	"	"	"	"	6,250	5,000		18
"	600	800	"	15,000	1952	"	"	13,800	"	"	16,750	15,000		19
"	250	700	"	6,000	1946	WEST	"	4,000	"	"	6,250	5,000		20
Cond. & E	600	800	"	2,500	1954	GE	"	2,300	"	"	3,125	2,500	37,500	21
														22
														23
Cond.	400	800	3,600	15,000	1938	PAR	Air	14,000	60	80	18,750*	15,000		24
"	"	"	"	20,000	1950	"	"	"	"	"	25,000*	20,000		25
"	"	750	"	5,000	1925	GE	"	4,200	"	"	6,250*	5,000		26
"	"	"	"	15,000	1930	PAR	"	"	"	"	18,750*	15,000		27
"	"	800	"	30,000	1955	"	"	14,000	"	"	37,500*	30,000	85,000	28
Cond.	400	735	3,600	10,000	1929	PAR	Air	13,200	60	80	12,500	10,000		29
"	"	800	"	15,000	1947	"	"	13,800	"	"	18,750	15,000		30
"	"	"	"	25,000	1953	"	"	"	"	"	31,250	25,000		31
"	"	"	"	25,000	1954	"	"	"	"	"	31,250	25,000		32
"	865	910	"	30,000	1957	"	Hyd.	14,400	"	"	37,500	30,000	105,000	33
														34
														35
Cond.	250	525	3,600	1,250	1929	GE	Air	2,300	60	80	1,563	1,250		36
"	"	"	"	1,500	"	WEST	"	"	"	"	1,875	1,500		37
"	420	100	"	5,000	1948	GE	"	"	"	100	5,000	5,000		38
"	"	"	"	15,000	1950	PAR	"	13,800	"	90	16,667	15,000		39
"	"	"	"	20,000	1953	"	"	"	"	"	22,222	20,000		40
"	"	"	"	30,000	1957	MV	"	14,400	"	80	37,500	30,000	72,750	41
														42
Cond.	850	900	3,600	60,000	1958	BB	Hyd.	14,400	60	80	75,000	60,000	60,000	43
Cond.	200	550	3,600	1,500	1925	GE	Air	4,000	60	80	1,875	1,500		44
"	315	700	"	7,500	1949	PAR	"	"	"	85	8,824	7,500		45
"	"	"	"	3,200	1936	"	"	"	"	"	3,775	3,200		46
"	"	"	"	10,000	1952	"	"	14,000	"	80	12,500	10,000	22,200	47
..	220	510	4,053	1,000	1948	EE	Air	2,400	60	80	1,250	1,000	1,000	48
														49
Cond.	150	650	3,600	750	1930	PAR	Air	2,300	60	80	937	750		50
"	"	"	"	1,500	1949	"	"	"	"	"	1,875	1,500	2,250	51
...	...	...	...	...	...	...	...	...	...	...	...	...	392,700	52
...	...	...	...	...	...	...	...	...	...	...	...	...	392,700	53

[1] See Gas Turbines Section.

SECTION 2. Steam Equipment as at December 31, 1958 – Continued

No.	General plant data		Boilers						Prime movers		
	Name of plant	Location	Year placed in service	Name of mfr.	Steam conditions PSIG	Steam conditions °F.	Rated steam prod. M lb. per hr.	Fuel and method of firing	Cooling water source	Year placed in service	Name of mfr.
	Alberta										
	Calgary Power Ltd:[1,2]										
1	Wabumun	1 W. Wabumun	1956	BWGM	850	900	625	NG, O	Lake	1956	MV
2			1958	"	"	"	625	NG, O		1958	"
	Canadian Chemical Company Limited:										
3	Clover Bar	Edmonton	1953	FW	600	750	275	NG	River	1953	WEST
4			"	"	"	"	275	NG		"	"
5			"	"	"	"	275	NG		"	"
6			"	"	"	"	275	NG			
	Canadian Collieries Resources Ltd:[2]										
7	Macleod River Hard Coal Division	Mercoal	1947	BWGM	175	380	20	C (S)	Mine &	..	CS
8			"	"	"	"	20	C (S)	Pond	..	AC
9										..	RAC
10	Foothills Division	Foothills	..	GOMC	150	330	4	C (H)	..	..	BM
11			..	"	"	"	4	C (S)		..	GOMC
12			..	WAT	"	"	10	C (S)			
	The Canadian Salt Company Limited:										
13	Lindbergh	Lindbergh	1948	FW	225	397	30	NG	River	1948	MAR
14			"	"	"	"	30	NG		1957	GE
	Canadian Surgar Factories Ltd.:										
15	Taber	Taber	1950	BWGM	410	625	70	NG	Lake	1950	WEST
16			"	"	"	"	70	O			
17	Raymond	Raymond	1925	BW	155	370	17	C (S)	Lake	1932	BM
18			"	"	"	"	17	C (S)		1940	"
19			"	"	"	"	17	C (S)			
20			"	"	"	"	17	C (S)			
21			"	"	"	"	17	C (S)			
22			"	"	"	"	17	C (S)			
23	Picture Butte	Picture Butte	1938	BWGM	250	550	50	NG, O	Lake	1936	BM
24			"	"	"	"	50	NG, O			
	Canadian Utilities Ltd.:[2,3]										
25	Battle River	Forestburg	1956	CE	700	825	350	C (P), O	Lake	1956	BB
26	Drumheller	Drumheller	1948	CE	450	750	100	C (P)	River	1948	PAR
27			1951	"	"	"	"	C (P)		1951	"
28	Vermilion	Vermilion	..	CE	450	750	30	NG	..	..	GE
29			..	"	"	"	30	NG		..	"
30			..	FW	"	"	30	NG		..	"
31			..	"	"	"	30	NG		..	"
	East Kootenay Power Co. Ltd.:										
32	Sentinel	Coleman	1946	CE	240	550	90	C (P)	Lake	1927	PAR
33			"	"	"	"	90	C (P)		1929	"
	Edmonton, City of:[3]										
34	Edmonton	Edmonton	1938	BWGM	415	750	150	O, NG	River	1939	PAR
35			1932	"	"	"	120	O		1944	"
36			1941	"	"	"	155	O, NG		1949	"
37			1947	"	"	"	"	O, NG		1953	"
38			"	"	"	"	"	O, NG		1955	"
39			1953	"	"	"	200	O			
40			1955	"	"	"	330	O, NG			
	Lethbridge, City of:[3]										
41	Lethbridge	Lethbridge	1931	CE	270	600	35	NG	River	1931	OER
42			"	"	"	"	35	NG		1943	PAR
43			1942	BWGM	"	"	70	NG		1953	"
44			1953	FW	"	"	80	NG			
	Medicine Hat, City of:										
45	Medicine Hat	Medicine Hat	1913	BW	165	..	15	NG	River	1914	WEST
46			"	"	"	..	15	NG		1929	PAR
47			"	"	"	..	15	NG		1945	GE
48			"	"	"	..	15	NG		1949	PAR
49			1945	FW	300	550	70	NG		1953	"
50			1949	"	"	"	70	NG			
51			1953	"	450	750	175	NG			
52			"	"	"	"	175	NG			

[1] See Hydro-Electric Equipment Section.
[2] See Internal Combustion Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 – Continued

Prime movers					Main generators									
Type	Steam conditions		r.p.m.	Name plate rating max. cont. kw.	Year placed in service	Name of mfr.	Coolant	Name plate rating						No.
	PSIG	°F.						Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
Cond.	850	900	3,600	66,000	1956	MV	Hyd.	13,800	60	90	73,300	66,000		1
"	"	"	"	66,000	1958	"	"	"	"	"	73,300	66,000	132,000	2
Cond. & E	600	750	3,600	6,000	1953	WEST	Air	6,900	60	80	7,500	6,000		3
E	"	"	"	6,000	"	"	"	"	"	"	7,500	6,000		4
"	"	"	"	6,000	"	"	"	"	"	"	7,500	6,000	18,000	5
														6
Cond.	175	380	3,600	600	..	GE	Air	2,300	60	80	750	600		7
"	"	"	"	750	..	AC	"	"	"	"	938	750		8
..	"	"	150	398	..	RAC	"	"	"	"	398	317	1,667	9
..	150	330	360	455	..	ASEA	Air	2,300	60	80	455*	365*		10
..	"	"	450	312	..	ACB	"	"	"	"	312*	250*	615*	11
														12
BP	225	397	4,500	250	1948	GE	Air	2,300	60	90	312	250		13
"	"	"	3,600	400	1957	WEST	"	600	"	"	475	400	650	14
BP	410	625	3,600	2,500	1950	WEST	Air	2,300	60	80	2,500	2,000	2,000	15
														16
BP	150	365	4,500	940	1932	MP	Air	480	60	80	940	750		17
"	"	"	"	940	1940	"	"	"	"	"	940	750	1,500	18
														19
														20
														21
														22
BP	240	550	4,500	1,562	1936	MP	Air	480	60	80	1,562	1,250	1,250	23
														24
Cond.	600	825	3,600	32,000	1956	BB	Air	14,400	60	85	35,300	30,000	30,000	25
Cond.	400	750	3,600	7,500	1948	PAR	Air	14,400	60	80	9,375	7,500		26
"	"	"	"	7,500	1951	"	"	"	"	"	9,375	7,500	15,000	27
Cond.	400	750	3,600	2,375	..	GE	Air	2,300	60	80	..	2,375		28
"	"	"	"	2,375	..	"	"	"	"	"	..	2,375		29
"	"	"	"	2,375	..	"	"	"	"	"	..	2,375		30
"	"	"	"	2,375	..	"	"	"	"	"	..	2,375	9,500	31
Cond.	225	550	3,600	5,000	1927	PAR	Air	6,600	60	80	6,250	5,000		32
"	"	"	"	5,000	1929	"	"	"	"	"	6,250	5,000	10,000	33
Cond.	375	750	3,600	15,000	1939	PAR	Air	13,800	60	60	18,750	15,000		34
"	"	"	"	15,000	1944	"	"	"	"	"	18,750	15,000		35
"	"	"	"	30,000	1949	"	"	"	"	"	37,500	30,000		36
"	"	"	"	30,000	1953	"	"	"	"	"	37,500	30,000		37
"	"	"	"	30,000	1955	BB	"	"	"	"	37,500	30,000	120,000	38
														39
														40
Cond.	270	600	3,600	..	1931	OER	Air	13,800	60	80	4,550	3,375		41
"	"	"	"	..	1943	PAR	"	"	"	"	5,554	5,000		42
"	"	"	"	..	1953	"	"	"	"	"	5,554	5,000	13,375	43
														44
Cond.	170	..	3,600	1,250	1914	WEST	Air	2,300	60	80	1,500	1,250		45
"	"	550	"	3,000	1929	PAR	"	"	"	"	3,750	3,000		46
"	180	..	1,800	3,000	1945	GE	"	"	"	"	3,750	3,000		47
"	270	550	3,600	5,000	1949	PAR	"	13,800	"	85	5,800	5,000		48
"	375	750	"	30,000	1953	"	"	14,000	"	90	37,000	30,000	42,250	49
														50
														51
														52

[1] See Gas Turbines Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 – Continued

No.	General plant data: Name of plant	Location	Boilers: Year placed in service	Name of mfr.	Steam conditions: PSIG	Steam conditions: °F.	Rated steam prod. M lb. per hr.	Fuel and method of firing	Prime movers: Cooling water source	Year placed in service	Name of mfr.
	Alberta – Concluded										
	Northwestern Pulp & Power Ltd.:[1]										
1	Hinton	Hinton	1957	FW	600	750	188	NG, WR	River	1957	GE
2			"	"	"	"	200	NG			
3			"	CE	"	"	210	NG, BL			
	Sherritt Gordon Mines Limited:										
4	Fort Saskatchewan	Fort Saskatchewan	1954	CE	900	750	150	NG	River	1954	BB
5			"	"	"	"	150	NG			
	Western Chemicals Ltd.:[2,1]										
6	Duvernay	Duvernay	1953	FW	225	397	25	NG	River	1954	KERR
7			"	"	"	"	25	NG		1953	GE
8			1954	"	"	"	18	NG		"	"
9			1957	BW	"	"	72	NG		1957	BB
10	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...	...	...
11	Total generator name plate rating for plants under 500 kw.	...	...	...	...	...	...	...	...	...	...
12	Total name plate rating of all steam generators in province of Alberta	...	...	...	...	...	...	...	...	...	...
	British Columbia										
	Alaska Pine & Cellulose Limited:[1]										
13	Port Alice Division	Port Alice	1937	BW	160	400	25	O	Lake	1942	AC
14			1940	"	"	"	25	O		1957	CGE
15			1949	CE	600	725	185	O		1949	EL
16			1952	"	"	"	185	O		"	"
17			1958	BW	"	"	165	WR, O			
18	Woodfibre	Woodfibre	1948	BW	550	725	100	O	River & Lake	1948	EL
19			"	"	"	"	100	O, WR		"	"
20			"	"	"	"	100	O, WR		"	"
21										"	WEST
	British Columbia Forest Products Limited:										
22	Victoria Sawmill Division	Victoria	1952	BW	250	458	60	WR, O	Sea	1940	GE
23			1938	VULS	175	378	40	WR, O		1950	AC
24			1940	BW	"	"	25	WR, O			
25			1929	VULS	"	"	35	WR, O			
26	Cowichan Sawmill Division	Youbou	1954	VIW	155	360	7	WR (D)	Lake	1929	AC
27			1930	VUL	"	"	7	WR (D)		1935	"
28			"	"	"	"	7	WR (D)		1958	WEST
29			"	"	"	"	7	WR (D)		1949	AC
30			1941	"	"	"	7	WR (D)			
31			1954	VIW	"	"	7	WR (D)			
32			1937	"	"	"	7	WR (D)			
33			1930	PSM	212	45	38	WR (D)			
34	Hammond Sawmill Division	Hammond	1926	VUL	160	370	7	WR (D)	River	1927	AC
35			"	"	"	"	7	WR (D)		1929	"
36			"	"	"	"	7	WR (D)			
37			"	"	"	"	7	WR (D)			
38			"	"	"	"	7	WR (D)			
39			"	"	"	"	7	WR (D)			
40			"	"	"	"	7	WR (D)			
41			1949	"	"	"	7	WR (D)			
42			1926	"	"	"	7	WR (D)			
43			1930	"	"	"	7	WR (D)			
44			1951	"	"	"	7	WR (D)			
45			1929	"	"	"	7	WR (D)			
46			1942	VEW	"	"	7	WR (D)			
47			"	"	"	"	7	WR (D)			
48			"	"	"	"	7	WR (D)			
	British Columbia Sugar Refining Company Limited:										
49	Vancouver	Vancouver	1947	BWGM	475	665	56.6	NG, O	Sea	1947	WEST
50			"	"	"	"	56.6	NG, O		"	"

[1] See Hydro-Electric Equipment Section.
[2] See Internal Combustion Equipment Section.

SECTION 2, Steam Equipment as at December 31, 1958 — Continued

Prime movers					Main generators									
Type	Steam conditions		r.p.m.	Name plate rating max. cont. kw.	Year placed in service	Name of mfr.	Coolant	Name plate rating						No.
	PSIG	°F.						Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
DE & Cond.	600	750	3,600	20,000	1957	GE	Hyd.	13,800	60	85	25,600	20,000	20,000	1 2 3
E & Cond.	875	750	3,600	3,000	1954	BB	Air	4,160	60	80	3,125	2,500	2,500	4 5
BP	225	397	3,600	300	1954	AC	Air	575	60	80	375	300		6
"	"	"	4,500	300	1953	GE	"	"	"	"	375	300		7
"	"	"	"	300	"	GE	"	"	"	"	375	300		8
"	"	"	6,000	1,200	1957	BB	"	2,300	"	"	1,500	1,200	2,100	9
...	...	...	...	...	...	...	...	...	...	...	...	...	422,407	10
...	...	...	...	...	...	...	...	...	...	...	...	...	103	11
...	...	...	...	...	...	...	...	...	...	...	...	...	422,510	12
Cond.	150	380	3,600	3,200	1942	AC	Air	2,400	60	80	4,000	3,200		13
DE & Cond.	600	725	"	6,000	1957	CGE	"	"	"	"	7,500	6,000		14
BP	"	350	"	3,500	1949	EL	"	"	"	"	4,350	3,500		15
"	"	480	"	"	"	"	"	"	"	"	4,350	3,500	16,200	16 17
PO[a]	550	725	3,600	2,000	1948	EL	Air	4,160	60	80	2,500	2,000		18
"	"	"	"	2,000	"	"	"	"	"	"	2,500	2,000		19
"	"	"	"	2,000	"	"	"	"	"	"	2,500	2,000		20
Cond.[a]	175	440	"	2,000	"	WEST	"	"	"	"	2,500	2,000	8,000	21
Cond.	175	450	3,600	3,000	1940	GE	Air	4,000	60	80	3,750	3,000		22
"	"	"	"	1,500	1950	AC	"	600	"	"	1,875	1,500	4,500	23 24 25
Cond.	200	450	3,600	800	1929	AC	"	440	60	80	1,000[a]	800		26
"	10	..	"	750	1935	"	"	"	"	"	937[a]	750		27
"	155	..	"	750	1958	"	"	"	"	"	937[a]	750		28
"	200	450	"	2,000	1949	"	"	"	"	"	2,500[a]	2,000	4,300	29 30 31 32 33
Cond.	160	370	3,600	2,000	1927	AC	Air	480	60	80	2,500[a]	2,000		34
"	"	"	"	2,000	1929	"	"	"	"	"	2,500[a]	2,000	4,000	35 36 37 38 39 40 41 42 43 44 45 46 47 48
BP	470	650	3,600	1,000	1947	WEST	Air	2,300	60	80	1,563	1,250		49
"	"	"	"	1,000	"	"	"	"	"	"	1,563	1,250	2,500	50

[1] See Gas Turbines Section.

SECTION 2. Steam Equipment as at December 31, 1958 — Continued

No.	General plant data		Boilers						Prime movers		
	Name of plant	Location	Year placed in service	Name of mfr.	Steam conditions		Rated steam prod. M lb. per hr.	Fuel and method of firing	Cooling water source	Year placed in service	Name of mfr.
					PSIG	°F.					
	British Columbia—Continued										
	Canadian Forest Products Limited:[1]										
1	Howe Sound Pulp Division	Port Mellon	1928	PSM	400	550	30	O	River	1947	AC
2			"	"	"	"	30	O		"	WEST
3			1941	BW	250	406	35	O		1928	"
4			1947	CE	400	550	75	BL			
5			1956	"	"	725	77	BL			
6	Hunting-Merritt Shingle Division	Vancouver	1948	VEW	150	366	12	WR	..	1923	SIW
7			"	"	"	"	12	WR		"	"
8			1949	"	"	"	12	WR		1936	BEC
9			"	"	"	"	12	WR			
10			1926	VIW	"	"	12	WR			
	Canadian Western Lumber Co.:										
11	New Westminster	New Westminster	1950	CE	600	725	75	WR (D)	River	1947	GE
12			"	"	"	"	75	WR (D)		1912	"
13			"	"	"	"	75	WR (D)		1950	"
14			1942	BW	150	467	25	WR (D)			
15			1937	"	"	367	30	WR (D)			
16			1918	"	"	"	20	WR (D)			
	Columbia Cellulose Co. Ltd.:										
17	Watson Island	Watson Island	1950	FW	700	750	250	O, WR	Lake	1950	WC
18			"	"	"	"	250	O, WR		"	"
	Consolidated Mining and Smelting Company of Canada Limited:[1]										
19	Kimberley	Kimberley	1926	BWGM	200	400	11	C (S)	River	1927	WEST
20			"	"	"	"	11	C (S)		"	"
21			1927	"	"	"	11	C (S)		1928	"
	Crown Zellerbach Canada Limited:[1]										
22	Ocean Falls	Ocean Falls	1953	BW	625	680	50	BL	Lake	1930	GE
23			1948	"	780	750	175	O		1937	BTH
24			1938	"	600	"	60	BL		1946	GE
25			1930	PSM	400	650	100	O, WR		1948	OER
26			1919	BW	150	450	20	O, WR			
27			"	"	"	"	"	O, WR			
28			1918	BAD	"	"	22	O			
29			"	"	"	"	"	O			
30			"	"	"	"	"	O			
31			"	"	"	"	"	O			
	Eagle Lake Sawmills Ltd.:[2]										
32	Giscombe	Giscombe	1920	VUL	130	356	5	WR (D), O	Lake	1951	AC
33			"	"	"	"	"	WR (D), O			
34			"	"	"	"	"	WR (D), O			
35			1917	WAT	"	"	"	WR (D), O			
36			"	"	"	"	"	WR (D), O			
37			1941	VIW	"	"	7	WR (D), O			
	Elk Falls Company Limited:										
38	Duncan Bay	Duncan Bay	1952	CE	600	750*	125	WR (S)	River	1952	DL
39			"	"	"	"	125	WR (S)		"	"
40			1957	BW	"	"	220	BL, O		1958	WC
	Hillcrest Lumber Co. Ltd.:										
41	Mesachie Lake	Mesachie Lake	1928	VIW	155	368	10	WR (D)	Lake	1948	AC
42			"	"	"	"	10	WR (D)		1932	"
43			1941	"	"	"	10	WR (D)		1931	GOMC
44			"	"	"	"	10	WR (D)			
45			"	"	"	"	10	WR (D)			
46			1948	BW	"	"	30	WR (D)			
	Macmillan & Bloedel Companies:										
47	Canadian White Pine Division	Vancouver	1940	WIC	200	388	14	WR (D)	River	1906	AC
48			"	"	"	"	14	WR (D)	"	1910	GE
49			1952	FW	275	500	80	WR (D)	"	1935	P
50			1951	BW	265	411	65	WR (S)			
51			1912	"	217	480	25	WR (D)			
52			1951	"	265	550	65	WR (S)			
53	Chemainus Division	Chemainus	1954	CEC	175	500	100	WR (S), O	River	1926	GE
54			1926	WIC	160	371	14	WR (D), O	and	1952	AC
55			"	"	"	"	"	WR (D), O	Lake		
56			"	"	"	"	"	WR (D), O			
57			"	"	"	"	"	WR (D), O			

[1] See Hydro-Electric Equipment Section.
[2] See Internal Combustion Equipment Section.

SECTION 2. Steam Equipment as at December 31, 1958 — Continued

Prime movers					Main generators									
Type	Steam conditions		r.p.m.	Name plate rating max. cont. kw.	Year placed in service	Name of mfr.	Coolant	Name plate rating						No.
	PSIG	°F.						Voltage	Freq.	Power factor	kwa.	kw.	Total plant kw.	
Cond.	5	230	3,600	500	1947	AC	Air	440	60	70	715	500		1
PO	400	550	"	3,000	"	WEST	"	2,300	"	80	3,750	3,000		2
PO & BP	"	"	"	1,500	1928	"	"	"	"	"	1,875	1,500	5,000	3
														4
														5
PO	150	366	200	500	1923	CWC	Air	440	60	85	500	425		6
"	"	"	"	500	"	"	"	"	"	"	500	425		7
"	"	"	"	500	1936	"	"	"	"	"	275	233	1,083	8
														9
														10
Cond.	150	550	3,600	5,000	1947	GE	Air	2,300	60	80	6,250	5,000		11
"	150; 5	367; 228	1,800	1,500	1938 R	"	"	480	"	"	1,875	1,500		12
BP & PO	..	..	3,600	6,000	1950	"	"	2,300	"	"	7,500	6,000	12,500	13
														14
														15
														16
DE & Cond.	600	750	3,600	7,500	1950	EMM	Air	6,900	60	70	10,714	7,500		17
" "	"	"	"	"	"	"	"	"	"	"	10,714	7,500	15,000	18
Cond.	185	485	3,600	1,500	1927	WEST	Air	2,200	60	80	1,750	1,500		19
"	"	"	"	1,500	"	"	"	"	"	"	1,750	1,500		20
"	"	"	"	1,500	1928	"	"	"	"	"	1,750	1,500	4,500	21
E & Cond.	400	650	3,600	3,000	1930	GE	Air	2,400	60	80	3,750	3,000		22
BP	600	750	6,000	2,500	1937	BTH	"	"	"	100	2,500	2,500		23
Cond.	125	450	3,600	4,000	1948	GE	"	2,300/4,000	"	80	5,000	4,000		24
BP	750	750	"	5,000	1950	"	"	2,400/4,160	"	"	6,250	5,000	14,500	25
														26
														27
														28
														29
														30
														31
Cond.	115	347	3,600	1,500	1951	AC	Air	480	60	80	1,875	1,500	1,500	32
														33
														34
														35
														36
														37
BP	600	750	3,600	1,750	1952	HAR	Air	555	DC	...	...	1,200		38
"	"	"	"	1,050	1958	CGE	"	250	"	...	...	400	1,600	39
"	"	"	5,000	1,400										40
Cond.	150	365	1,800	..	..	AC	Air	480	60	80	2,000*	1,600		41
"	5	162	3,600	..	..	"	"	"	"	"	957*	750		42
"	150	365	150	..	..	"	"	450	"	"	325*	260	2,610	43
														44
														45
														46
Cond.	150	450	1,800	1,500	1906	AC	Air	2,300	60	80	1,875*	1,500		47
"	"	"	"	750	1910	GE	"	"	"	"	937*	750		48
"	"	565	3,600	4,000	1935	PAR	"	"	"	"	5,000*	4,000	6,250	49
														50
														51
														52
Cond.	150	400	3,600	3,000	1926	GE	Air	600	60	80	3,750	3,000		53
"	"	"	"	750	1952	AC	"	"	"	"	937	750	3,750	54
														55
														56
														57

[1] See Gas Turbines Section.

SECTION 2. Steam Equipment as at December 31, 1958 – Concluded

No.	General plant data		Boilers						Prime movers		
	Name of plant	Location	Year placed in service	Name of mfr.	Steam conditions		Rated steam prod. M lb. per hr.	Fuel and method of firing	Cooling water source	Year placed in service	Name of mfr.
					PSIG	°F.					
	British Columbia – Concluded										
	Somass Division:										
1	Somass Mill	Port Alberni	1947	FW	200	450	40	WR (D)	Sea	1934	GE
2			1934	GOMC	"	"	35	WR (D)			
3			"	WIC	"	"	25	WR (D)			
4			"	"	"	"	25	WR (D)			
	Harmac Pulp Division:										
5	Bleached Sulphite Paper Mill	Harmac, Nanaimo	1950	CE	675	500	85	WR (S), O	None	1954	CGE
6			"	"	"	"	85	WR (S), O			
7			1953	"	"	"	95	WR (S), O			
8			1950	"	"	"	130	BL, O			
9			1953	"	"	650	161	BL, O			
10	Red Band Division	South Burnaby	1937	VEW	140	360	8	WR (D)	..	1948	SE
11			"	"	"	"	8	WR (D)		"	GE
	Power River Co. Ltd.:[1]										
12	Powell River	Powell River	..	BW	180	550	210	O	..	1948	DL
13			..	"	"	"	210	O		1951	BB
14			..	"	"	"	210	O			
15			..	"	"	"	210	O			
16			..	"	"	"	210	O			
17			..	"	"	"	210	O			
18			1930	"	600	800	100	O, WR			
19			1951	"	"	"	180	O, WR			
20			..	"	180	550	45	O, WR			
21			.	"	"	"	45	O, WR			
22			..	"	"	"	50	O, WR			
23			..	"	"	"	50	O, WR			
24			1958	FW	600	800	275	O			
	Prince George Planing Mills Ltd.:										
25	Prince George	Prince George	1948	VIW	165	420	10	WR (D)	River	1949	WC
26			"	"	"	"	10	WR (D)		1952	AC
	S.M. Simpson Limited:										
27	Kelowna	Kelowna	1949	BW	175	450	30	WR (D)	Lake	1941	WEST
28			1956	BWGM	275	415*	56	WR (S)		1947	AC
29			1943	LEO	130	356*	7	WR (D)		1955	GE
30			1957	VIW	"	"	10	WR (D)			
31			1958	GAB	110	344*	2	O			
	Westminster Paper Company Limited:										
32	New Westminster	New Westminster	1947	FW	600	725	45	WR (D), O	..	1947	WC
33										1953	"
34											
35											
36											
37	Total generator name plate rating for plants of 500 kw. and over	...	...	...	...	...	...	...	...	...	...
38	Total generator name plate rating for plants under 500 kw.	...	...	...	...	...	...	...	...	...	...
39	Total name plate rating of all steam generators in province of B.C.	...	...	...	...	...	...	...	...	...	...

[1] See Hydro-Electric Equipment.

SECTION 2. Steam Equipment as at December 31, 1958 — Concluded

Prime movers					Main generators									
Type	Steam conditions		r.p.m.	Name plate rating max. cont. kw.	Year placed in service	Name of mfr.	Coolant	Name plate rating						No.
	PSIG	°F.						Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
Cond.	200	410	3,600	2,000	1934	GE	Air	2,300	60	80	2,500*	2,000	2,000	1 2 3 4
BP	325	650	4,706	1,250	1954	CGE	Air	550	60	80	1,563	1,250	1,250	5 6 7 8 9
BP	140	360	225	180	1948	GE	Air	460	60	90	200	180		10
"	"	"	3,600	400	"	"	"	"	"	100	400	400	580	11
BP	150	450	3,000	2,700	1948	GE	Air	2,300	50	100	1,500	1,500		12
"	560	775	"	12,500	"	"	"	500	DC	...	...	1,200		13
					1951	BB	"	6,600	50	95	13,125	12,500	15,200	14 15 16 17 18 19 20 21 22 23 24
Cond.	150	420	6,000	300	1949	WC	Air	480	60	80	375	300		25
"	"	"	3,600	750	1952	AC	"	"	"	"	926	750	1,050	26
Cond.	150	450	3,600	500	1941	WEST	Air	480	60	80	625	500		27
"	"	"	"	750	1947	AC	"	"	"	"	1,128	750		28
"	"	"	"	2,000	1955	GE	"	2,300	"	"	2,500	2,000	3,250	29 30 31
BP	575	725	4,295	615	1947	GE	..	250	DC	...	...	250		32
"	"	"	4,020	500	"	"	..	2,200	60	80	300	240		33
					1953	"	..	250	DC	...	...	50		34
					"	"	..	"	"	...	...	400		35
					"	"	..	2,200	50	80	500	400	1,340	36
...	...	...	...	...	...	...	...	...	...	...	...	...	132,463	37
...	...	...	...	...	...	...	...	...	...	...	...	...	1,050	38
...	...	...	...	...	...	...	...	...	...	...	...	...	133,513	39

Section 3. Internal Combustion Engine Equipment as at December 31, 1958

No.	General plant data		Prime movers					
	Name of plant	Location	Year placed in service	Name of mfr.	Type of engine	Type of fuel used	Cycle	Super charged
	Newfoundland							
	Burgeo Fish Industries Ltd.:							
1	Burgeo	Burgeo	1949	GMC	Diesel	O	2	Yes
2			1955	"	"	"	"	"
	Department of Transport:							
3	Gander Airport	Gander	1948	PA	Diesel	O	2	No
4			1953	NP	"	"	"	"
5			1957	"	"	"	"	"
6			1937	CAT	"	"	4	"
7			"	"	"	"	"	"
8			"	"	"	"	"	"
9			"	"	"	"	"	"
10			1944	AI	"	"	4	"
11			"	"	"	"	"	"
12			"	"	"	"	"	"
13			"	"	"	"	"	"
14			"	"	"	"	"	"
15			1943	MD	"	"	"	Yes
16			"	"	"	"	"	"
	Lewisporte Electric Utility:							
17	Lewisporte	Lewisporte	1955	BURM	Diesel	O	4	..
18			1958	PA	"	"	2	..
19			..	CAT	"	"	..	..
20			..	"	"	"	..	..
21			..	"	"	"	..	..
22			..	"	"	"	..	..
	Maritimes Mining Corporation Limited:[1]							
23	Diesel Plant	Tilt Cove	1957	MLBD	Diesel	O	4	Yes
24			"	"	"	"	"	"
25			"	"	"	"	"	"
26			"	"	"	"	"	"
27			"	"	"	"	"	"
28			1958	GMC	"	"	2	"
	Newfoundland Light & Power Co.:[1,2]							
29	Diesel Plant	St. John's	1956*	NORD	Diesel	O	2	No
	United Towns Electric Co.:[1]							
30	Grand Bank	Grand Bank	1956	CAT	Diesel	O	4	No
	Westcoast Power Co. Ltd.:							
31	Port aux Basques	Port aux Basques	1957	CAT	Diesel	O	4	Yes
32			1945	"	"	"	2	No
33			1958	"	"	"	4	Yes
34			1949	"	"	"	"	No
35			1954	"	"	"	"	"
36	St. Georges	Dribble Brook	1956	CAT	Diesel	O	4	Yes
37	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
38	Total generator name plate rating for plants under 200 kw.	...	...	...	...	...	...	...
39	Total name plate rating of all internal combustion generators in province of Newfoundland	...	...	...	...	...	...	...
	Prince Edward Island							
	Summerside Municipality of:							
40	Summerside	Summerside	1929	FM	Diesel	O	2	No
41			1940	"	"	"	"	"
42			"	"	"	"	"	"
43			1936	"	"	"	"	"
44			1941	"	"	"	"	"
45			1947	"	"	"	"	"
46			1950	"	"	"	"	"
47	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
48	Total generator name plate rating for plants under 200 kw.	...	...	...	...	...	...	...
49	Total name plant rating of all internal combustion generators in province of Prince Edward Island	...	...	...	...	...	...	...

[1] See Hydro-Electric Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958

Prime movers				Main generators								
No. of cycles	r.p.m.	Name plate rating		Year placed in service	Name of mfr.	Name plate rating						No.
		h.p.	kw.			Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
8	1,200	500	300	1949	EL	240	60	80	375	300		1
"	"	500	300	1955	WEST	"	"	"	375	300	600	2
7	300	1,470	1,000	1948	GE	2,300	60	80	1,250	1,000		3
"	"	1,470	1,000	1953	"	"	"	"	1,250	1,000		4
"	"	1,470	1,000	1957	"	"	"	"	1,250	1,000		5
8	900	190	100	1937	"	480	"	"	125	100		6
"	"	190	100	"	"	"	"	"	125	100		7
"	"	190	100	"	"	"	"	"	125	100		8
"	"	190	100	"	"	"	"	"	125	100		9
8	600	345	200	1944	EM	2,300	"	"	250	200		10
"	"	345	200	"	"	"	"	"	250	200		11
"	"	345	200	"	"	"	"	"	250	200		12
"	"	345	200	"	"	"	"	"	250	200		13
"	"	345	200	"	"	"	"	"	250	200		14
6	1,200	200	106	1943	"	"	"	"	132	106		15
"	"	200	106	"	"	"	"	"	132	106	4,612	16
6	600	300	..	1955	BW	2,400	..	80*	240	192*		17
5	"	265	..	1958	PA	2,200	..	"	200	160*		18
6	1,200	67	30	..	CAT	220	..	80	38	30		19
"	"	67	30	..	"	"	..	"	38	30		20
"	"	67	30	..	"	"	..	"	38	30		21
"	"	67	30	..	"	"	..	"	38	30	472*	22
12	720	1,368	950	1957	HSBI	2,300	60	85	..	950		23
"	"	1,368	950	"	"	"	"	"	..	950		24
"	"	1,368	950	"	"	"	"	"	..	950		25
8	"	728	500	"	"	"	"	"	..	500		26
"	"	728	500	"	"	"	"	"	..	500		27
12	1,200	250	200	1958	GE	550	"	"	..	200	4,050	28
8	225	3,580	..	1956*	GE	6,900	60	80	3,125	2,500	2,500	29
12	1,200	364	250	1956	GE	2,400	60	80	313	250	250	30
12	1,200	505	350	1957	GE	2,400	60	80	505	350		31
8	900	110	85	1945	"	"	"	"	106	85		32
12	1,200	505	350	1958	CAT	"	"	"	438	350		33
"	"	320	250	1949	GE	"	"	"	295	250		34
"	"	320	"	1954	"	"	"	"	313	250	1,285	35
12	1,200	450	315	1956	GE	2,400	60	80	394	315	315	38
...	...	...	...	...	...	...	...	...	...	...	14,084	37
...	...	...	...	...	...	...	...	...	...	...	112	38
...	...	...	...	...	...	...	...	...	...	...	14,196	39
6	257	360	240	1929	FM	2,400	60	80	300	240		40
4	300	300	200	1940	"	"	"	"	250	200		41
5	"	375	250	"	"	"	"	"	312	250		42
"	"	375	250	1936	"	"	"	"	312	250		43
"	"	375	250	1941	"	"	"	"	312	250		44
7	"	805	555	1947	"	"	"	"	695	555		45
10	720	1,600	1,136	1950	"	2,400/4,160	"	"	1,420	1,136	2,881	46
...	...	...	...	...	...	...	...	...	...	...	2,881	47
...	...	...	...	...	...	...	...	...	...	...	105	48
...	...	...	...	...	...	...	...	...	...	...	2,966	49

[1] See Steam Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 – Continued

No.	General plant data		Prime movers					
	Name of plant	Location	Year placed in service	Name of mfr.	Type of engine	Type of fuel used	Cycle	Super charged
	Nova Scotia							
	Nova Scotia Power Commission:[1,2]							
1	Ingonish	Ingonish	..	PAX	Diesel	O	4	No
2			..	"	"	"	"	"
3			..	CUM	"	"	"	"
4			..	BSM	"	"	"	"
5	Port Hood	Port Hood	..	PAX	Diesel	O	4	No
6	Cheticamp	Cheticamp	1952	CUM	Diesel	O	4	No
7			"	"	"	"	"	"
	Western Nova Scotia Electric Co. Ltd.:							
8	King Street	Yarmouth	1937	RH	Diesel	O	4	No
9			1940	DEW	"	"	"	Yes
10			1947	EEF	"	"	"	"
11			1948	"	"	"	"	"
12	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
13	Total generator name plate rating for plants for which detailed information not available	...	...	...	...	...	...	...
14	Total name plate rating of all internal combustion generators in province of Nova Scotia	...	...	...	...	...	...	...
	New Brunswick							
	Campbellton, City of:							
15	Campbellton	Campbellton	1946	FM	Diesel	O	2	No
16			1947	"	"	"	"	Yes
17			1953	CLC	"	"	"	"
	Edmunston, City of:[1]							
18	Edmunston	Edmunston	1947	FM	Diesel	O	2	No
19			"	"	"	"	"	"
20			1955	HAM	"	RO	"	"
	Maine & New Brunswick Electric Power Co. Ltd.:							
21	Tinker	Aroostook Junction	1949	NS	Diesel	O	4	Yes
	New Brunswick Electric Power Commission:							
22	Grand Harbour	Grand Manan	1944	RH	Diesel	O	4	No
23			1957	FM	"	"	2	"
24			1947	"	"	"	"	"
25			1949	DEW	"	"	4	"
26	Campobello	Wilson's Beach	1948	FM	Diesel	O	4	No
27	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
28	Total name plate rating of all internal combustion generators in province of New Brunswick	...	...	...	...	...	...	...
	Quebec							
	Belleterre Quebec Mines Ltd.:[1]							
29	Guillet	Guillet	1937	PA	Diesel	O	4	No
30			"	"	"	"	"	"
	Bonaventure, Co-op d'Electricité de:							
31	New Richmond	New Richmond	1948	DEW	Diesel	O	4	Yes
32			1949	"	"	"	"	"
33			1950	"	"	"	"	"
34			1951	"	"	"	"	"
35			1955	GMC	"	"	2	"
	Coaticook, Ville de:[1]							
36	Coaticook	Coaticook	1941	CFM	Diesel	O	2	..

[1] See Hydro-Electric Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 – Continued

Prime movers				Main generators								
No. of cycles	r.p.m.	Name plate rating		Year placed in service	Name of mfr.	Name plate rating						No.
		h.p.	kw.			Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
12	900	360	..	..	CGE	2,300	60	80	281	225		1
"	"	360	..	..	"	"	"	"	281	225		2
6	1,800	175	..	..	"	"	"	"	150	120		3
"	360	180	..	..	"	"	"	"	250	200	770	4
12	720	806	..	..	"	2,300	60	80	625	500	500	5
6	1,600	160	..	1952	GE	2,400	60	80	250	200	200	6
"	"	160	..									7
6	450	450	..	1937	BP	2,400	60	80	400	320		8
8	600	640	..	1940	EEC	"	"	"	500	400		9
"	450	900	..	1947	"	"	"	"	750	600		10
"	"	900	..	1948	"	"	"	"	750	600	1,920	11
...	...	...	...	...	...	...	...	...	...	...	3,390	12
...	...	...	...	...	...	...	...	...	...	...	400	13
...	...	...	...	...	...	...	...	...	...	...	3,790	14
6	257	360	240	1946	FM	4,160	60	80	300	240		15
10	720	1,600	1,136	1947	"	2,400/4,160	"	"	1,420	1,136		16
12	"	1,920	1,360	1953	"	"	"	"	1,700	1,360	2,736	17
5	300	1,000	690	1947	FM	2,400	60	80	863	690		18
"	"	1,000	690	"	"	"	"	"	863	690		19
"	257	2,400	2,400	1955	EEC	2,400/4,160	"	"	2,345	1,876*	3,256*	20
8	360	1,440	1,000	1949	GE	2,400	60	80	1,250	1,000	1,000	21
2	260	156	100	1944	CGE	575	60	80	125	100		22
4	300	300	200	1957	FM	600	"	"	250	200		23
5	"	375	250	1947	"	2,400	"	"	312	250		24
8	514	400	300	1949	CGE	2,300	"	"	375	300	850	25
5	300	375	280	1948	GE	480	60	80	300	240	240	26
...	...	...	...	...	...	...	...	...	...	...	8,082	27
...	...	...	...	...	...	...	...	...	...	...	8,082	28
4	300	200	..	1937	CWC	550	60	85	170	145		29
"	"	200	..	"	"	"	"	"	170	145	290	30
4	600	320	200	1948	CEM	2,400	60	80	250	200		31
7	"	560	350	1949	EE	"	"	"	438	350		32
"	"	560	350	1950	"	"	"	"	438	350		33
8	"	640	400	1951	GE	"	"	"	500	400		34
12	720	1,000	750	1955	EMM	"	"	"	938	750	2,050	35
6	400	600	..	1941	CFM	2,300/4,000	60	85	525	450	450	36

[1] See Steam Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 — Continued

No.	General plant data		Prime movers					
	Name of plant	Location	Year placed in service	Name of mfr.	Type of engine	Type of fuel used	Cycle	Super charged
	Quebec — Concluded							
	Consolidated Paper Corporation Limited:							
1	Port Menier	Anticosti Island	1946	CUM	Diesel	O	4	Yes
2			"	"	"	"	"	"
3			"	"	"	"	"	"
4			1952	"	"	"	"	"
	Donnacona Paper Co. Ltd.:[1]							
5	Sault au Mouton	Sault au Mouton	1952	CAT	Diesel	O	4	No
	Gaspé-Sud, Co-opérative d'Electricité de:							
6	Sandy Beach	Gaspé Sud	1954	GM	Diesel	O	2	Yes
7			1951	VIV	"	"	4	"
	Golfe St-Laurent, la Coopérative d'Electricité de:							
8	Magpie	Rivière Magpie	1949	DEW	Diesel	O	4	No
9			"	"	"	"	"	"
10			1955	IH	"	"	"	"
11			1958	"	"	"	"	"
	Iles-de-la-Madeleine, Coop. d'Electricité:							
12	Cap aux Meules	Iles-de-la-Madeleine	1953	RH	Diesel	O	2	No
13			"	"	"	"	"	"
14			1955	GMC	"	"	"	"
15			1958	ML	"	"	"	"
	Iron Ore Company of Canada:[1]							
16	Mobile Rail Cars (Heating)	Schefferville	1954	CAT	Diesel	O	4	Yes
17			"	"	"	"	"	"
18			1956	GMC	"	"	2	"
19			"	"	"	"	"	"
20	Mobile Rail Car Gagnon Mine	Schefferville	1956	GMC	Diesel	O	2	Yes
	Lac Edouard, Coop. d'Electricité du:							
21	Lac Edouard	Lac Edouard	1952	GMC	Diesel	O	2	No
22			"	"	"	"	"	"
	Lower St. Lawrence Power Co.:[1]							
23	Rimouski	Rimouski	1948	GMC	Diesel	O	2	Yes
24			"	"	"	"	"	"
25			1952	"	"	"	"	"
26			"	"	"	"	"	"
	Mont Laurier Ltée, Electrique de:							
27	Belle Rive Veneer	Mont Laurier	1949	GMC	Diesel	O	2	..
28			"	"	"	"	"	..
29			"	"	"	"	"	..
	Rivière-de-Loup, Cité de:							
30	Rivière-du-Loup	Rivière-du-Loup	1953	FM	Diesel	O	2	No
31			1947	"	"	"	"	"
32			"	"	"	"	"	"
	Romaine Electric Company:							
33	Havre St. Pierre	Havre St. Pierre	1949	DEW	Diesel	O	4	Yes
34			"	"	"	"	"	"
35			1951	"	"	"	"	"
36	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
37	Total generator name plate rating for plants under 200 kw.	...	...	...	...	...	...	...
38	Total name plate rating of all internal combustion generators in province of Quebec	...	...	...	...	...	...	...
	Ontario							
	Algoma Steel Corporation Limited:[1]							
39	Sault-Ste-Marie	Sault-Ste-Marie	1912	AC	Spark	BG	4	No
40			"	"	"	"	"	"
41			"	"	"	"	"	"
42			"	"	"	"	"	"

[1] See Hydro-Electric Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 – Continued

Prime movers				Main generators								
No. of cycles	r.p.m.	Name plate rating		Year placed in service	Name of mfr.	Name plate rating						No.
		h.p.	kw.			Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
6	1,200	112	68	1946	CEM	2,300	60	80	85	68		1
"	"	112	68	"	"	"	"	"	85	68		2
"	"	112	68	"	"	"	"	"	85	68		3
"	"	112	68	1952	"	"	"	"	85	68	272	4
8	1,200	287	200	1952	CGE	600	60	80	250	200	200	5
12	750	..	750	1954	GE	..	60	..	..	937		6
10	514	..	300	1951	EE	..	"	..	..	375	1,312	7
3	720	93	75	1949	CEM	2,400	60	80	93	75		8
"	"	93	75	"	"	"	"	"	93	75		9
6	1,200	69	55	1955	CNE	"	"	"	69	55		10
"	"	69	55	1958	"	"	"	"	69	55	260	11
6	514	360	250	1953	EE	2,300	60	80	312	250		12
"	"	360	250	"	"	"	"	"	312	250		13
8	1,200	375	300	1955	WEST	2,400	"	"	375	300		14
12	600	612	400	1958	EE	"	"	"	500	400	1,200	15
12	1,200	423	..	1954	GE	4,160	60	80	325	260		16
"	"	500	..	"	"	"	"	"	375	300		17
16	720	1,440	..	1956	GMC	"	"	"	1,250	1,000		18
"	"	1,440	..	"	"	"	"	"	1,250	1,000	2,560	19
16	720	1,440	..	1956	GMC	4,160	60	80	1,250	1,000	1,000	20
Twin 6	1,600	260	175	1952	GMC	600	60	80	219	175		21
" "	"	260	175	"	"	"	"	"	219	175	350	22
16	720	1,700	1,000	1947	EL	4,000	60	80	1,250	1,000		23
"	"	1,700	1,000	"	WEST	"	"	100	1,250	1,250		24
"	"	1,700	1,000	1951	IE	"	"	80	1,375	1,100		25
"	"	1,700	1,000	"	IE	"	"	"	1,375	1,100	4,450	26
Twin 4	1,200	175	125	1949	GE	2,400	60	80	156	125		27
" "	"	175	125	"	"	"	"	"	156	125		28
Twin 5	"	300	175	"	CEM	"	"	"	220	175	425	29
12	720	1,920	1,360	1953	FM	2,400	60	80	1,700	1,360		30
6	257	350	240	1947	"	"	"	"	300	240		31
"	"	350	240	"	"	"	"	"	300	240	1,840	32
6	600	480	300	1949	EE	600	60	80	375	300		33
"	"	480	300	"	"	"	"	"	375	300		34
"	"	480	300	1951	"	2,300	"	"	375	300	900	35
...	...	...	...	...	...	...	...	...	...	...	17,559	36
...	...	...	...	...	...	...	...	...	...	...	207	37
...	...	...	...	...	...	...	...	...	...	...	17,766	38
4	107	1,850	1,500	1912	AC	2,300	25	..	..	1,500		39
"	"	1,850	1,500	"	"	"	"	..	..	1,500		40
"	"	1,850	1,500	"	"	"	"	..	..	1,500		41
"	"	1,850	1,500	"	"	"	"	..	..	1,500	6,000	42

[1] See Steam Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 – Continued

No.	General plant data		Prime movers					
	Name of plant	Location	Year placed in service	Name of mfr.	Type of engine	Type of fuel used	Cycle	Super changed
	Ontario – Concluded							
	Brockville Public Utilities Commission:							
1	Brockville	Brockville	1949	GMC	Diesel	O	4	No
	Canadian General Electric Co. Ltd.:[1,2]							
2	Peterborough Works	Peterborough	1949	GMC	Diesel	O	2	..
3			"	"	"	"	2	..
	Chapleau Electric Light and Power Co. Ltd.:							
4	Chapleau	Chapleau	1947	FM	Diesel	O	2	No
	Gananoque Electric Light and Power Company:							
5	Gananoque	Gananoque	1956	GMC	Diesel	O	2	..
6			"	"	"	"	"	..
	Hydro-Electric Power Commission of Ontario:[1,3]							
7	Hornepayne	Hornepayne	1955	GMC	Diesel	O	2	No
8			"	"	"	"	"	"
9			1954	"	"	"	"	"
10			1957	BAL	"	"	4	"
11	Chapleau	Chapleau	1955	BAL	Diesel	O	4	No
12	Kagawong	Kagawong	1947	RH	Diesel	O	4	No
13			"	BM	"	"	"	"
	Madsen Red Lake Gold Mines Ltd.:							
14	Madsen	Madsen	..	AND	Diesel	O	..	..
	Marathon Corporation of Canada Ltd.:[3]							
15	Marathon Pulp Mill	Marathon	1945	GMC	Diesel	O	4	No
	Ontario Northland Railway:							
16	Townsite	Moosonee	1955	CAT	Diesel	O	4	No
17			1957	"	"	"	"	"
18			1955	"	"	"	"	"
19			1958	"	"	"	"	"
	Orillia Water Light and Power Commission:[1]							
20	Orillia	Orillia	..	FM	Diesel	O	2	Yes
21			..	"	"	"	"	"
	Pembroke Electric Light Co. Limited:							
22	Pembroke	Pembroke	1929	BS	Diesel	O	2	No
23			1949	GMC	"	"	"	Yes
24			"	"	"	"	"	"
25	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
26	Total generator name plate rating for plants under 200 kw.	...	...	...	...	...	...	...
27	Total name plate rating of all internal combustion generators in province of Ontario	...	...	...	...	...	...	...
	Manitoba							
	Canada Cement Co.:							
28	Steep Rock	Steep Rock	1948	FM	Diesel	O	2	..
	Manitoba Power Commission:							
29	New Plant	The Pas	1958	GMC	Diesel	O	2	Yes
30	Old Plant	The Pas	1954	GMC	Diesel	O	2	Yes
31			1948	ML	"	"	4	No
32			1914	"	"	"	"	"
33			1928	"	"	"	"	"

[1] See Hydro-Electric Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 — Continued

Prime movers				Main generators							
No. of cycles	r.p.m.	Name plate rating		Year placed in service	Name of mfr.	Name plate rating						No.
		h.p.	kw.			Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
16	750	1,700	..	1949	FMM	2,400	60	90	1,110[a]	1,000	1,000	1
16	750	1,440	..	1949	CGE	6,600	60	90	1,100	1,000		2
"	"	1,440	..	"	"	"	"	"	1,100	1,000	2,000	3
4	300	300	250	1947	FM	2,300	60	80	250	200	200	4
12	1,800	..	200	..	GMC	550	60	80	250	200		5
"	"	..	200	..	"	"	"	"	250	200	400	6
Twin 6	1,680	260	175	1955	CGE	600	60	80	219	175		7
" "	"	260	175	"	"	"	"	"	219	175		8
" "	"	260	200	1954	"	"	"	"	250	200		9
8	514	730	500	1957	WEC	2,400	"	90	556	500	1,050	10
8	514	730	500	1955	WEC	2,400	60	90	556	500	500	11
6	400	312	280	1947	EE	2,300	60	90	312	280		12
"	600	180	135	"	CGE	"	"	"	150	135	415	13
..	..	360	..	..	GE	2,200	60	..	..	250	250	14
6	1,200	350	220	1945	GMC	550	60	90	226	220	220	15
6	1,200	76	50	1955	GE	550	60	80	60	50		16
"	"	76	50	1957	"	"	"	"	60	50		17
"	"	69	50	1955	"	"	"	"	60	50		18
"	"	184	100	1958	KATO	"	"	"	125	100	250	19
10	720	1,800	1,000	..	FM	2,300/4,000	60	80	1,250	1,000		20
"	"	1,600	1,136	..	"	" "	"	"	1,420	1,136	2,136	21
6	200	12,500	865	1929	WEST	2,500	60	85	1,094	885		22
12	720	900	670	1949	AC	"	"	"	800	670		23
"	"	900	670	"	"	"	"	"	800	670	2,205	24
...	...	...	...	...	...	...	...	...	...	...	16,626	25
...	...	...	...	...	...	...	...	...	...	...	855	26
...	...	...	...	...	...	...	...	...	...	...	17,481	27
7	300	805	..	1948	FM	2,400	60	80	695	556	556	28
16	720	1,440	1,000	1958	GMC	2,400/4,160	60	80	1,250	1,000	1,000	29
16	720	1,440	1,000	1954	GE	2,400/4,160	60	80	1,250	1,000		30
6	360	582	400	1948	WEST	2,300	"	"	500	400		31
3	240	190	150	1914	"	"	"	"	250	200		32
4	257	492	345	1928	"	"	"	"	431	345	1,945	33

[a] See Steam Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 — Continued

No.	General plant data		Prime movers					
	Name of plant	Location	Year placed in service	Name of mfr.	Type of engine	Type of fuel used	Cycle	Super charged
	Manitoba — Concluded							
	The National Harbours Board:[2]							
1	Churchill	Churchill	1950	ML	Diesel	O	4	No
2			1955	BLAC	"	"	"	"
	Sherritt Gordon Mines Limited:[1]							
3	Lynn Lake	Lynn Lake	1952	IR	Diesel	O	2	No
4			1955	GMC	"	"	4	"
5			1956	BS	"	"	2	"
6	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
7	Total generator name plate rating for plants under 200 kw.	...	...	...	...	...	...	...
8	Total name plate rating of all internal combustion generators in province of Manitoba	...	...	...	...	...	...	...
	Saskatchewan							
	Eldorado Mining & Refining Ltd:							
9	Eldorado	Eldorado	1952	FM	Diesel	R, O	2	..
10			"	"	"	"	"	..
11			"	"	"	"	"	..
12			"	"	"	"	"	..
13			"	"	"	"	"	..
14			1956	CBSM	"	"	4	Yes
15			"	"	"	"	"	"
16			"	"	"	"	"	"
17			"	"	"	"	"	"
	Saskatchewan Power Corporation:[2,3]							
18	Swift Current	Swift Current	1954	NE	Diesel	D	4	Yes
19			"	"	"	"	"	"
20			1955	CBSM	"	"	"	"
21			1956	"	"	"	"	"
22			"	"	"	"	"	"
23			1957	"	"	"	"	"
24	Kindersley	Kindersley	1955	CBSM	Spark	N, G	4	Yes
25			"	"	"	"	"	"
26			1956	"	"	"	"	"
27	Unity	Unity	1947	CBSM	Diesel	D	4	No
28			1949	"	"	"	"	Yes
29			1948	CLK	Spark	N, G	2	No
30			"	"	"	"	"	"
31			1952	CBSM	"	"	4	Yes
32			1953	"	"	"	"	"
33	Yorkton	Yorkton	1927	PA	Diesel	O	4	No
34			1920	ML	"	"	"	"
35			1918	NORD	"	"	2	"
36			1940	ML	"	"	4	"
37			1949	FM	"	"	2	"
38			1950	VIV	"	"	4	"
39			1929	PA	"	"	2	"
40	Meadow Lake	Meadow Lake	..	RH	Diesel	O	4	No
41			1952	DCR	"	"	"	Yes
42			1953	"	"	"	"	No
43			..	"	"	"	"	"
44			1947	FM	"	"	2	"
45			1953	GMC	"	"	"	"
46	Kamsack	Kamsack	1925	MLBD	Diesel	O	4	No
47			1920	"	"	"	"	"
48			1927	"	"	"	"	"
49			1939	MLR	"	"	"	"
50			1947	MLBD	"	"	"	"
51			1953	VIV	"	"	"	"
52	Mobile Unit # 2	Central Battle (Temporary)	1958	GMC	Diesel	O	2	No
53	Hudson Bay	Hudson Bay	..	FM	Diesel	O	2	No
54			..	"	"	"	"	"
55			..	"	"	"	"	"
56			..	"	"	"	"	"
57			..	CAT	"	"	4	"

[1] See Hydro-Electric Equipment Section.
[2] See Steam Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 — Continued

Prime movers				Main generators							
No. of cycles	r.p.m.	Name plate rating		Year placed in service	Name of mfr.	Name plate rating						No.
		h.p.	kw.			Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
6	600	315	200	1950	CGE	600	60	80	250	200		1
8	"	360	"	1955	EEC	550	"	"	312	250	450	2
3	240	327	312	1952	GE	2,200	60	80	312	250		3
16	720	1,340	1,000	1955	CWC	2,400/4,160	"	"	1,340	1,000		4
9	240	3,060	2,160	1956	EM	" "	"	"	2,700	2,160	3,410	5
...	...	...	...	...	...	...	...	...	...	...	7,361	6
...	...	...	...	...	...	...	...	...	...	...	101	7
...	..	...	...	...	...	...	...	...	...	...	7,462	8
5	300	575	..	1952	FM	2,300	60	80	490	392		9
"	"	575	..	"	"	"	"	"	490	392		10
"	"	575	..	"	"	"	"	"	490	392		11
"	"	550	..	"	"	"	"	"	478	382		12
"	"	550	..	"	"	"	"	"	478	382		13
12	327	3,200	..	1956	EE	"	"	"	2,812	2,250		14
"	"	3,200	..	"	"	"	"	"	2,812	2,250		15
"	"	3,200	..	"	"	"	"	"	2,812	2,250		16
"	"	3,200	..	"	"	"	"	"	2,812	2,250	10,940	17
8	327	1,783	1,240	1954	BR	2,400/4,160	60	80	1,594	1,275		18
"	"	1,783	1,240	"	"	" "	"	"	1,594	1,275		19
16	"	4,240	3,000	1955	WEST	" "	"	"	3,750	3,000		20
"	"	4,240	3,000	1956	EE	" "	"	"	3,750	3,000		21
"	"	4,240	3,000	"	"	" "	"	"	3,750	3,000		22
"	"	4,240	3,000	1957	WEST	" "	"	"	3,750	3,000	14,550	23
16	327	4,240	3,000	1955	WEST	2,400/4,160	60	80	3,750	3,000		24
"	"	4,240	3,000	"	"	" "	"	"	3,750	3,000		25
"	"	4,240	3,000	1956	EE	" "	"	"	3,750	3,000	9,000	26
6	400	505	350	1947	GE	2,300/4,000	60	80	438	350		27
8	450	1,200	800	1949	EE	2,400/4,160	"	"	1,000	800		28
"	327	800	500	1948	EM	2,400	"	"	625	500		29
"	"	800	500	"	"	"	"	"	625	500		30
12	"	2,700	1,970	1952	EE	2,400/4,160	"	"	2,500	2,000		31
16	"	3,600	2,500	1953	"	" "	"	"	3,125	2,500	6,650	32
4	180	550	330	1927	CWC	2,300	60	80	438	350		33
8	257	300	185	1920	CGE	"	"	"	250	200		34
5	225	550	330	1918	BURK	"	"	"	450	360		35
"	257	500	300	1940	CWC	"	"	"	438	350		36
10	720	1,600	980	1949	FM	2,400/4,160	"	"	1,420	1,135		37
8	600	160	96	1950	EE	2,400	"	"	125	100		38
4	300	200	120	1929	WEST	2,300	"	"	160	128	2,623	39
2	260	158	100	..	CP	2,300	60	80	125	100		40
4	600	320	..	..	CGE	"	"	"	312	250		41
8	514	400	..	..	EE	2,400	"	"	375	300		42
6	"	300	..	..	"	"	"	"	187	150		43
"	300	450	300	..	FM	2,400/4,160	"	"	375	300		44
8	1,200	350	..	..	WEST	2,400	"	"	250	200	1,300	45
5	257	250	155	1925	CGE	2,300	60	80	188	150		48
4	"	200	100	1920	WEST	"	"	"	125	100		47
3	"	150	85	1927	GE	"	"	"	125	100		46
8	600	29[1]	170	1939	EE	"	"	"	250	200		49
5	360	485	325	1947	"	"	"	"	438	350		50
8	514	320	200	1953	GE	"	"	"	375	300	1,200	51
16	720	1,440	1,000	1958	GMC	2,400/4,160	60	80	1,250	1,000	1,000	52
3	257	180	108	..	CGE	2,200	60	80	150	120		53
2	"	120	72	..	FM	2,400	"	"	90	72		54
3	"	180	108	..	"	"	"	"	150	120		55
4	300	300	193	..	"	"	"	"	250	200		56
6	900	140	75	..	AC	2,200	"	100	75	75	587	57

[1] See Gas Turbine Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 – Continued

No.	General plant data		Prime movers					
	Name of plant	Location	Year placed in service	Name of mfr.	Type of engine	Type of fuel used	Cycle	Super charged
	Saskatchewan – Concluded							
	Saskatchewan Power Corporation[2,3] – Concluded:							
1	Leader	Leader	..	CRB	Diesel	O	4	No
2			..	"	"	"	"	"
3	Lac La Ronge	Lac La Ronge	..	RH	Diesel	O	4	No
4			..	CAT	"	"	"	"
5			..	"	"	"	"	"
6			..	VIV	"	"	"	"
	Uranium City Power Co. Ltd.:							
7	Uranium City	Uranium City	1953	CAT	Diesel	O	4	No
8			1958	"	"	"	"	"
9			"	"	"	"	"	"
10			1955	CBSM	"	"	"	"
11	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
12	Total generator name plate rating for plants under 200 kw.	...	...	...	...	...	...	...
13	Total name plate rating of all internal combustion generators in province of Saskatchewan	...	...	...	...	...	...	...
	Alberta							
	Calgary Power Ltd.:[1,2]							
14	Edson	Edson	1945	FM	Diesel	O	2	No
15			"	"	"	"	"	"
16			1948	"	"	"	"	"
17			1953	CLC	"	"	"	"
	Canadian Collieries Resources Ltd.:[2]							
18	MacLeod River Coal Division	Mercoal	..	FM	Diesel	O	2	No
	Canadian Utilities Ltd.:[2,3]							
19	Grande Prairie	Grande Prairie	1928	AP	Diesel	O	2	No
20			1929	"	"	"	"	"
21			1930	"	"	"	"	"
22			1941	"	"	"	"	"
23			1950	ML	"	"	4	"
24			1948	"	"	D	"	"
25			1953	CBSM	"	"	"	"
26			1955	"	Spark	N, G	"	"
27	Fairview	Fairview	1954	CBSM	Spark	N, G	4	Yes
28	Swan Hills	Swan Hills	1958	CAT	Diesel	..	4	No
29			"	"	"	..	"	"
	McMurray Light & Power Co. Ltd.:							
30	McMurray	McMurray	..	VIV	Diesel	O	4	No
31			..	MD	"	"	4	"
32			..	FM	"	"	2	"
33			..	CAT	"	"	4	Yes
	Madison Natural Gas Co.:							
34	Main Plant	Turner Valley	1928	CBSM	Spark	N, G	4	No
35			"	"	"	"	"	"
36			1929	"	"	"	"	"
37			1933	"	"	"	"	"
	Northland Utilities Limited:[3]							
38	Fairview	Fairview	1952	CBSM	Diesel	D	4	Yes
39			1957	"	Spark	N, G	"	"
40			1954	"	"	"	"	"
41	Jasper	Jasper	1957	CBSM	Diesel	O	4	Yes
42			1953	FM	"	"	2	No
43			1945	"	"	"	"	"
44			1943	"	"	"	"	"
45			1951	"	"	"	"	"
46	Athabasca	Athabasca	1957	CBSM	Diesel	D	4	Yes
47			1953	"	Spark	N, G	"	No
48			1945	FM	Diesel	O	2	"
49			1955	CBSM	Spark	N, G	4	"
50			1953	CX	"	"	"	"

[1] See Hydro-Electric Equipment Section.
[2] See Steam Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 — Continued

Prime movers				Main generators								
No. of cycles	r.p.m.	Name plate rating		Year placed in service	Name of mfr.	Name plate rating						No.
		h.p.	kw.			Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
6	360	330	..	..	CWC	2,400	60	80	275	220		1
5	"	312	..	..	CWC	"	"	"	250	200	420	2
2	300	80	..	..	CWC	2,300	60	80	63	50		3
8	900	132	..	..	GE	2,400	"	"	106	85		4
"	"	153	..	..	LS	2,300	"	"	125	100		5
5	"	87	..	..	FM	"	"	"	63	50	285	6
6	900	125	75	1953	LA	440	60	80	94	75		7
"	"	125	75	1958	"	550	"	"	94	75		8
"	"	125	75	"	"	"	"	"	94	75		9
"	600	250	150	1955	EE	600	"	"	187	150	375	10
...	...	...	...	...	...	...	...	...	...	...	48,930	11
...	...	...	...	...	...	...	...	...	...	...	222	12
...	...	...	...	...	...	...	...	...	...	...	49,152	13
2	360	120	90	1945	CFM	2,400	60	80	96	97		14
3	300	225	168	"	"	"	"	"	185	148		15
6	"	450	335	1948	"	"	"	"	375	300		16
"	720	960	716	1953	"	"	"	"	843	675	1,200	17
6	150	..	300	..	FM	2,300	60	80	375	300	300	18
4	300	200	128	1928	WEST	2,200	60	80	160	128		19
6	"	300	200	1929	"	2,300	"	"	250	200		20
"	"	300	200	1930	"	2,200	"	"	250	200		21
4	"	200	124	1941	CGE	2,300	"	"	156	124		22
8	360	1,165	800	1950	EE	"	"	"	1,000	800		23
6	400	935	600	1948	"	"	"	"	750	600		24
8	327	1,730	1,200	1953	"	2,400/4,160	"	"	1,500	1,200		25
16	"	3,700	2,500	1955	"	" "	"	"	3,125	2,500	5,752	26
8	327	1,730	1,200	1954	EE	2,400/4,160	60	80	1,500	1,200	1,200	27
6	1,200	146	100	1958	PE	460	60	80	125	100		28
"	"	184	100	"	EMM	"	"	"	125	100	200	29
4	1,200	80	59	..	WEST	2,300	60	80	63	50		30
6	"	165	120	..	"	"	"	"	125	100		31
3	300	225	168	..	FM	"	"	"	185	145		32
8	1,200	300	225	..	GE	"	"	"	438	350	645	33
3	277	185	125	1928	WEST	480	60	80	156	125		34
"	"	185	125	"	"	"	"	"	156	125		35
"	"	185	125	1929	"	"	"	"	156	125		36
"	"	185	125	1933	"	"	"	"	156	125	500	37
8	600	750	500	1952	EE	2,400/4,160	60	80	625	500		38
16	327	4,260	3,000	1957	"	" "	"	"	3,750	3,000		39
8	"	1,750	1,200	1954	"	" "	"	"	1,500	1,200	4,700	40
8	514	1,720	1,200	1957	EE	2,400/4,160	60	80	1,500	1,200		41
6	300	690	450	1953	FM	2,400	"	"	592	473		42
2	"	150	90	1945	"	"	"	"	120	96		43
3	257	180	110	1943	"	"	"	"	150	120		44
6	300	450	290	1941	"	"	"	"	375	300	2,189	45
8	600	750	500	1957	EE	2,400/4,160	60	80	625	500		46
7	360	525	352	1953	IE	" "	"	"	440	352		47
3	257	180	100	1945	FM	2,400	"	"	120	150		48
6	400	450	300	1955	EL	"	"	"	375	300		49
8	900	150	75	1953	AM	460	"	"	94	75	1,377	50

[1] See Gas Turbine Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 — Continued

No.	General plant data		Prime movers					
	Name of plant	Location	Year placed in service	Name of mfr.	Type of engine	Type of fuel used	Cycle	Super charged
	Alberta — Concluded							
	Northland Utilities Limited[1] — Concluded:							
1	Peace River	Peace River	1950	CBSM	Diesel	O	4	Yes
2			1934	FM	"	"	2	No
3			1942	"	"	"	"	"
4	Lac La Biche	Lac La Biche	1956	CAT	Diesel	O	4	No
5			"	"	"	"	"	"
6			1958	"	"	"	"	"
7			1956	"	"	"	"	Yes
8			1954	VIV	"	"	"	No
9	McLennan	McLennan	1945	FM	Diesel	O	2	No
10			1947	"	"	"	"	"
11			1946	"	"	"	"	"
	North Western Pulp & Power Ltd.:[2]							
12	Hinton	Hinton	1956	SCH	Diesel	O	4	No
13			"	GMC	"	D	"	"
	Western Chemicals Ltd.:[2,3]							
14	Duvernay	Duvernay	1953	CIR	Spark	N, G	4	No
15			"	"	"	"	"	"
16			"	"	"	"	"	"
17			1954	"	"	"	"	"
18			"	"	"	"	"	"
19			"	"	"	"	"	"
20	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
21	Total generator name plate rating for plants under 200 kw.	...	...	...	...	...	...	...
22	Total name plate rating of all internal combustion generators in province of Alberta	...	...	...	...	...	...	...
	British Columbia							
	Anglo-British Columbia Packing Co. Ltd.:							
23	North Pacific Cannery	Skeena River	1947	GMC	Diesel	O	2	No
24			1951	"	"	"	"	"
25			1955	"	"	"	"	"
26			"	"	"	"	"	"
	British Columbia Bridge & Dredging Co. Ltd.:							
27	Power Barge Electra	Vancouver (Home Port)	1952	FM	Diesel	O	2	No
28			1948	"	"	"	"	"
29	Dredge "N.G. MacKenzie"	Vancouver (Home Port)	1957	FM	Diesel	O	2	No
30			"	"	"	"	"	"
	British Columbia Electric Co. Ltd.:[1]							
31	Boston Bar	Boston Bar	1951	VIV	Diesel	O	4	No
32			"	"	"	"	"	"
33			"	CAT	"	"	"	Yes
34			1957	"	"	"	"	"
35	Lytton	Lytton	1951	VIV	Diesel	O	4	No
36			1954	"	"	"	"	"
37			1957	"	"	"	"	"
38			1958	CAT	"	"	"	"
	British Columbia Packers Ltd.:							
39	Namu Cannery	Namu	1925	FM	Diesel	O	2	No
40			1932	"	"	"	"	"
41			..	GMC	"	"	4	Yes
42			..	CRB	"	"	"	No
43			1955	FM	"	"	2	"
44	Whaling Station	Coal Harbour	..	VIV	Diesel	O	4	No
45			..	GMC	"	"	"	"
46			..	VIV	"	"	"	"
47			..	"	"	"	"	"
48			..	"	"	"	"	"

[1] See Hydro-Electric Equipment Section.
[2] See Steam Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 — Continued

Prime movers				Main generators								
No. of cycles	r.p.m.	Name plate rating		Year placed in service	Name of mfr.	Name plate rating						No.
		h.p.	kw.			Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
8	514	700	475	1950	CWC	2,400/4,160	60	80	625	500		1
3	257	160	110	1934	FM	2,400	"	"	150	120		2
2	"	140	75	1942	"	2,400/4,160	"	"	90	72	692	3
6	900	125	75	1956	LA	2,400	60	60	94	75		4
"	"	125	75	"	CGE	"	"	"	94	75		5
8	"	167	100	1958	LA	440	"	"	125	100		6
12	1,200	475	296	1956	GE	2,400	"	"	370	296		7
8	600	125	100	1954	EE	"	"	"	125	100	646	8
3	257	180	110	1945	FM	2,400	60	80	125	120		9
2	"	120	72	1947	"	"	"	"	90	72		10
5	"	350	225	1946	"	"	"	60	375	225	417	11
16	720	1,400	1,000	1956	WEST	2,400	60	80	1,375	1,000		12
"	"	1,400	1,000	"	EM	"	"	"	1,275	1,000	2,000	13
10	514	670	500	1953	CIR	75/125	DC	...	...	500		14
"	"	670	500	"	"	"	"	...	...	500		15
"	"	670	500	"	"	"	"	...	...	500		16
"	"	670	500	1954	"	"	"	...	...	500		17
"	"	670	500	"	"	"	"	...	...	500		16
"	"	670	500	"	"	"	"	...	...	500	3,000	19
...	...	...	...	...	...	...	...	...	...	...	24,818	20
...	...	...	...	...	...	...	...	...	...	...	993	21
...	...	...	...	...	...	...	...	...	...	...	25,811	22
4	1,200	85	40	1947	CGE	220	60	80	50	40		23
6	"	165	60	1951	"	"	"	"	75	60		24
12	1,600	330	200	1955	"	440	"	"	250	200		25
6	1,200	165	60	"	"	"	"	"	75	60	360	26
10	720	1,600	1,136	1952	FM	2,400	60	60	1,420	1,136		27
"	"	1,600	1,136	1948	"	"	"	"	1,420	1,136	2,272	28
10	720	1,600	1,000	1957	EM	2,400	60	80	1,250	1,000		29
"	"	1,600	1,250	"	GE	"	"	100	1,250	1,250	2,250	30
8	720	250	150	1951	EE	460	60	80	188	150		31
"	"	250	150	"	"	"	"	"	188	150		32
12	1,200	400	279	"	CEM	"	"	"	349	279		33
"	"	464	350	1957	"	2,400	"	"	438	350	929	34
6	720	250	150	1951	EE	460	60	80	188	150		35
"	600	160	100	1954	"	2,300	"	"	125	100		36
"	"	160	100	1957	"	"	"	"	125	100		37
12	1,200	484	350	1958	CEM	2,400	"	"	438	350	700	38
4	300	300	200	..	FM	480	60	80	250	200		39
"	"	300	200	..	"	"	"	"	250	200		40
8	1,200	500	300	..	EMM	"	"	"	375	300		41
4	500	200	165	..	WEST	"	"	"	188	165		42
"	300	300	200	..	FM	"	"	"	250	200	1,065	43
6	514	300	..	..	EPE	2,300	60	80	200[1]	160		44
"	1,200	500	..	..	GE	450	"	66	"	132		45
3	600	75	..	..	"	120/208	"	80	62[1]	50		46
4	"	160	..	..	EE	2,300	"	"	125[1]	100		47
"	720	230	..	..	"	460	"	"	186[1]	150	592	46

[1] See Gas Turbine Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 — Continued

No.	Name of plant	Location	Year placed in service	Name of mfr.	Type of engine	Type of fuel used	Cycle	Super charged
	British Columbia — Continued							
	British Columbia Packers Ltd. — Concluded:							
1	Sunnyside	Skeena River	1952	CAT	Diesel	O	4	No
2			"	"	"	"	"	"
3			1954	"	"	"	"	"
4			1946	"	"	"	"	"
	British Columbia Power Commission:[1,3]							
5	Prince George	Prince George	1957	CBSM	Alternatives	D, NG, O	4	Yes
6			"	"	(1) Spark	" " "	"	"
7			"	"	(2) Diesel	" " "	"	"
8			"	"	(3) Diesel	" " "	"	"
9	Quesnel	Quesnel	1957	CBSM	Alternatives	D, NG, O	4	Yes
10			"	"	(1) Spark	" " "	"	"
11			"	"	(2) Diesel	" " "	"	"
12			1958	"	(3) Diesel	" " "	"	"
13	Dawson Creek	Dawson Crk.	1953	CBSM	Diesel	D, NG, O	4	Yes
14			1955	"	Spark	" " "	"	"
15			1957	"	Alternatives	" " "	"	"
16			"	"	(1) Spark	" " "	"	"
17			"	"	(2) Diesel	" " "	"	"
18	Kamloops	Kamloops	1953	GMC	Diesel	O	4	Yes
19			"	"	"	"	"	"
20			"	CBSM	"	D	"	"
21	Terrace	Terrace	1955	CBSM	Diesel	O	4	Yes
22			1954	"	"	"	"	"
23			1952	"	"	"	"	"
24			"	"	"	"	"	"
25			1958	"	"	"	"	"
26	Mobile Units	Road Trailer #80	1956	MB	Diesel	O	4	Yes
27		#81	"	"	"	"	"	"
28		#82	"	"	"	"	"	"
29		#83	"	"	"	"	"	"
30		Rail Car #84	"	GMC	"	"	2	..
31	Smithers	Smithers	1951	ALCO	Diesel	O	4	Yes
32			1953	"	"	"	"	"
33			1951	"	"	"	"	"
34			1956	ML	"	"	"	"
35	Williams Lake	Williams Lake	1954	CBSM	Diesel	D	4	Yes
36			1949	"	"	"	"	"
37			1951	VIV	"	O	"	No
38			1947	FM	"	"	2	..
39	Burns Lake	Burns Lake	1954	FM	Diesel	O	2	..
40			1947	VIV	"	"	4	No
41			"	"	"	"	"	"
42			"	"	"	"	"	"
43			1953	"	"	"	"	"
44			"	"	"	"	"	"
45	Tofino	Tofino	1951	VIV	Diesel	O	4	No
46			"	"	"	"	"	"
47			"	"	"	"	"	"
48			1952	"	"	"	"	"
49			1953	FM	"	"	2	"
50			1957	CBSM	"	"	4	Yes
51	Vanderhoof	Vanderhoof	1953	CBSM	Diesel	O	4	Yes
52			1955	"	"	"	"	"
53	McBride	McBride	1954	VIV	Diesel	O	4	No
54			1957	CBSM	"	"	"	Yes
55			1956	"	"	"	"	"
56	Fort St. John	Fort St. John	1956	CBSM	Diesel	D	4	No
57			"	"	"	"	"	"
58			"	AI	"	O	2	..
59			"	CBSM	"	D	4	Yes
60	Fort St. James	Fort St. James	1955	VIV	Diesel	O	4	Yes
61			1956	"	"	"	"	"
62			1953	"	"	"	"	"
63			1958	CBSM	"	"	"	"
64	Houston	Houston	1956	VIV	Diesel	O	4	No
65			"	"	"	"	"	"
66			"	"	"	"	"	"
67			1958	"	"	"	"	"

[1] See Hydro-Electric Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 — Continued

Prime movers				Main generators								
No. of cycles	r.p.m.	Name plate rating		Year placed in service	Name of mfr.	Name plate rating						No.
		h.p.	kw.			Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
6	900	138	75	1952	CAT	220/440	60	..	..	75		1
"	..	138	75	"	"	" "	"	..	..	75		2
"	900	138	75	1954	"	" "	"	..	..	75		3
4	"	82	50	1956	"	" "	"	..	..	50	275	4
16	327	4,210	3,000	1957	WEST	3,750	60	80	3,750	3,000		5
"	"	4,210	3,000	"	"	"	"	"	3,750	3,000		6
"	"	4,210	3,000	"	"	"	"	"	3,750	3,000		7
"	"	4,210	3,000	"	"	"	"	"	3,750	3,000	12,000	8
16	327	4,210	3,000	1957	WEST	6,900	60	80	3,750	3,000		9
"	"	4,210	3,000	"	"	"	"	"	3,750	3,000		10
"	"	4,210	3,000	"	"	"	"	"	3,750	3,000		11
"	"	4,210	3,000	1958	"	"	"	"	3,750	3,000	12,000	12
8	514	1,410	1,000	1952	CGE	2,400	60	80	1,250	1,000		13
"	"	1,410	1,000	1955	"	"	"	"	1,250	1,000		14
16	327	4,210	3,000	1957	WEST	6,900	"	"	3,750	3,000		15
"	"	4,210	3,000	"	"	"	"	"	3,750	3,000		16
"	"	4,210	3,000	"	"	"	"	"	3,750	3,000	11,000	17
16	720	1,500	1,000	1953	EL	2,400	60	80	1,250	1,000		18
"	"	1,500	1,000	"	"	"	"	"	1,250	1,000		19
"	327	3,700	2,500	"	GE	"	"	"	3,125	2,500	4,500	20
8	514	1,410	1,000	1955	GE	2,400	60	80	1,250	1,000		21
"	"	1,410	1,000	1954	EE	"	"	"	1,250	1,000		22
6	450	865	600	1952	GE	"	"	"	750	600		23
"	"	865	600	"	"	"	"	"	750	600		24
8	514	1,410	1,000	1958	EE	"	"	"	1,250	1,000	4,200	25
12	1,200	730	500	1956	GE	625	60	80	625	500		26
"	"	730	500	"	"	"	"	"	625	500		27
"	"	730	500	"	"	"	"	"	625	500		28
"	"	730	500	"	"	"	"	"	625	500		29
16	720	1,440	1,000	"	"	2,400	"	"	1,250	1,000	3,000	30
6	600	810	560	1951	GE	2,400	60	80	700	560		31
8	"	1,060	760	1953	WEST	"	"	"	950	760		32
6	"	610	560	1951	GE	"	"	"	700	560		33
7	450	1,519	1,000	1956	WEST	"	"	"	1,250	1,000	2,880	34
8	514	1,410	1,000	1954	EE	2,400	60	80	1,250	1,000		35
"	450	1,140	800	1949	GE	"	"	"	1,000	800		36
10	600	600	250	1951	WEST	"	"	"	312	250		37
5	300	350	250	1947	"	"	"	"	281	250	2,300	38
10	720	1,600	1,136	1954	WEST	2,400	60	80	1,420	1,136		39
4	514	160	100	1947	"	600	"	"	125	100		40
10	"	400	250	"	"	"	"	"	312	250		41
"	"	400	250	"	"	"	"	"	312	250		42
"	"	400	250	1953	EE	2,400	"	"	312	250		43
"	600	500	250	"	WEST	"	"	"	312	250	2,236	44
8	600	160	100	1951	CEM	2,300	60	80	125	100		45
"	"	160	100	"	"	"	"	"	125	100		46
"	"	160	100	"	"	"	"	"	125	100		47
"	"	160	100	1952	"	"	"	"	125	100		48
6	720	960	675	1953	FM	2,400	"	"	843	675		49
"	450	865	600	1957	CGE	2,400	"	"	750	600	1,675	50
6	450	865	600	1953	EE	2,400	60	80	750	600		51
8	514	1,410	1,000	1955	GE	"	"	"	1,250	1,000	1,600	52
6	514	240	150	1954	WEST	180	60	80	187	150		53
"	"	865	600	1957	CGE	2,400	"	"	750	600		54
"	"	860	600	1956	GE	"	"	"	750	600	1,350	55
6	600	425	300	1956	EE	2,400	60	80	375	300		56
"	"	425	300	"	"	"	"	"	375	300		57
"	300	300	200	"	WEST	2,200	"	"	250	200		58
"	600	715	500	"	EE	2,400	"	"	625	500	1,300	59
10	514	400	250	1955	WEST	600	60	80	312	250		60
"	600	525	250	1956	"	"	"	"	312	250		61
6	514	240	150	1953	"	"	"	"	187	150		62
"	450	865	600	1958	GE	2,400	"	"	750	600	1,250	63
10	514	400	250	1956	VIV	600	60	80	312	250		64
"	"	400	250	"	"	"	"	"	312	250		65
8	"	360	200	"	"	"	"	"	250	200		66
10	600	480	250	1958	"	"	"	"	312	250	950	67

[1] See Gas Turbine Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 – Continued

No.	General plant data		Prime movers					
	Name of plant	Location	Year placed in service	Name of mfr.	Type of engine	Type of fuel used	Cycle	Super charged
	British Columbia – Continued							
	British Columbia Power Commission[1,3] – Concluded:							
1	Hazelton	Hazelton	1955	VIV	Diesel	O	4	No
2			"	"	"	"	"	"
3			"	"	"	"	"	"
4			1958	"	"	"	"	"
5	Alert Bay	Alert Bay	1950	VIV	Diesel	O	4	No
6			1947	"	"	"	"	"
7			"	"	"	"	"	"
8			1951	"	"	"	"	"
9	Bella Coola	Bella Coola	1955	CAT	Diesel	O	4	No
10			"	"	"	"	"	"
11			1956	"	"	"	"	"
12			1957	"	"	"	"	"
13			1956	"	"	"	"	Yes
14	Queen Charlotte	Queen Charlotte	1956	NAT	Diesel	O	4	No
15			1955	CAT	"	"	"	"
16			1958	"	"	"	"	Yes
	Burg & Johnson Ltd.:							
17	Haslam Lake	Westview	1955	CAT	Diesel	O	4	Yes
	Canadian Forest Products Ltd.:[2]							
18	Englewood	Englewood	1946	CAT	Diesel	O	4	No
19			1952	IH	"	"	"	"
20			1951	"	"	"	"	"
21			1953	"	"	"	"	"
22			1954	"	"	"	"	"
23			1946	"	"	"	"	"
24			1952	"	"	"	"	"
25			1948	"	"	"	"	"
26			1951	"	"	"	"	"
27			"	"	"	"	"	"
28			1946	"	"	"	"	"
29			"	"	"	"	"	"
30			1950	"	"	"	"	"
31			1955	"	"	"	"	"
32			"	"	"	"	"	"
33			1957	..	"	"	"	"
34			1956	CAT	"	"	"	"
35			"	"	"	"	"	"
	Caribon Gold Quartz Mining Co. Ltd.:							
36	Wells	Wells	1936	RH	Diesel	O	4	No
37			"	"	"	"	"	"
38			"	"	"	"	"	"
39			1937	"	"	"	"	"
40			1940	"	"	"	"	"
41			1947	VIV	"	"	"	"
42			"	"	"	"	"	"
43			1954	RH	"	"	"	"
44			1955	"	"	"	"	"
	Clearwater Timber Products Ltd.:							
45	Clearwater	Clearwater	1951	HERC	Diesel	O	4	No
46			"	"	"	"	"	"
	Eagle Lake Sawmills Ltd.:[2]							
47	Giscombe	Giscombe	1956	FM	Diesel	O	2	No
	Fort Nelson Light & Power:							
48	Fort Nelson	Fort Nelson	1958	WAU	Diesel	O	4	No
49			"	"	"	"	"	"
	C Martin Utilities Ltd.:							
50	Masset	Masset	1954	CAT	Diesel	O	4	No
51			1956	"	"	"	"	"
52			1958	"	"	"	"	"
	Northern British Columbia Power Co. Ltd.:[1]							
53	Prince Rupert	Prince Rupert	1950	MLBD	Diesel	O	4	Yes
54			1951	"	"	"	"	"
55			"	"	"	"	"	"
56			1954	CBSM	"	"	"	"

[1] See Hydro Electric Equipment Section.
[2] See Steam Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 – Continued

Prime movers				Main generators							
No. of cycles	r.p.m.	Name plate rating		Year placed in service	Name of mfr.	Name plate rating						No.
		h.p.	kw.			Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
8	514	320	200	1955	WEST	600	60	80	250	200		1
"	"	320	200	"	"	"	"	"	250	200		2
"	"	320	200	"	"	"	"	"	250	200		3
10	600	480	250	1958	"	"	"	"	312	250	850	4
10	514	500	250	1950	WEST	600	60	80	312	250		5
8	"	240	150	1947	"	"	"	"	187	150		6
"	"	240	150	"	"	"	"	"	187	150		7
10	"	500	250	1951	EE	"	"	"	312	250	800	8
8	900	180	100	1955	BURK	2,400	60	80	125	100		9
"	"	180	100	"	"	"	"	"	125	100		10
"	"	146	100	1956	CGE	"	"	"	120	100		11
12	1,200	425	300	1957	"	"	"	"	326	300		12
6	1,800	248	150	1956	CAT	"	"	"	187	150	750	13
8	1,200	240	150	1956	BR	2,400	60	80	188	150		14
"	900	146	100	1955	GE	"	"	"	120	100		15
6	1,800	180	150	1958	GE	"	"	"	188	150	400	16
12	1,200	550	..	1955	EM	480	60	60	370	296	296	17
6	1,200	45	30	1946	LA	110/220	60	80	38	30		18
4	"	56	25	1952	PE	" "	"	"	..	25		19
"	"	56	25	1951	"	" "	"	"	..	25		20
"	"	56	25	1953	"	" "	"	"	..	25		21
"	"	56	25	1954	"	" "	"	"	..	25		22
"	"	56	25	1946	"	" "	"	"	..	20		23
6	"	102	50	1952	"	" "	"	"	..	50		24
"	"	176	75	1948	"	" "	"	"	..	75		25
"	"	102	50	1951	"	" "	"	"	..	50		26
4	"	56	25	"	"	" "	"	"	..	25		27
"	"	56	25	1946	"	" "	"	"	..	25		28
"	"	56	25	"	"	" "	"	"	..	25		29
"	"	56	25	1950	"	" "	"	"	..	25		30
"	"	56	25	1955	"	" "	"	"	..	25		31
"	"	56	25	"	"	" "	"	"	..	25		32
2	"	9	5	1957	KATO	115/230	"	"	6	5		33
4	"	75	50	1956	CAT	125/220	"	"	62	50		34
6	"	45	30	"	"	110/220	"	"	38	30	560	35
8	400	600	300	1936	EE	460	60	80	438	350		36
7	"	525	267	"	"	"	"	"	375	300		37
6	"	450	210	"	"	"	"	"	312	250		38
7	"	525	267	1937	"	"	"	"	375	300		39
6	600	180	110	1940	GE	"	"	"	156	125		40
8	720	250	150	1947	"	"	"	"	187	150		41
"	"	250	..									42
6	450	330	200	1954	WEST	480	"	"	312	250		43
4	"	220	140	1955	"	"	"	"	188	150	1,875	44
6	1,800	200	..	1951	WEST	550	60	..	..	200	200	45
"	"	200	..									46
6	277	400	300	1958	CWC	480	80	80	375	300	300	47
6	1,200	..	100	1958	EM	2,400/4,160	60	80	125	100		48
"	"	..	150	"	PE	440	"	"	187	150	250	49
8	900	135	100	1954	CGE	220	60	80	120	100		50
"	"	135	100	1956	"	2,300	"	"	120	100		51
6	1,200	147	125	1958	CWC	"	"	"	150	120	320	52
8	360	1,267	888	1950	CGE	4,180	80	80	1,000	800		53
"	"	1,267	888	1951	"	"	"	"	1,000	800		54
"	"	1,267	888	"	"	"	"	"	1,000	800		55
12	327	2,780	2,080	1954	EE	"	"	"	2,500	2,000	4,400	56

[3] See Gas Turbine Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 – Concluded

No.	General plant data		Prime movers					
	Name of plant	Location	Year placed in service	Name of mfr.	Type of engine	Type of fuel used	Cycle	Super charged
	British Columbia – Concluded							
	Revelstoke, Corporation of The City of:							
1	4th Street West	Revelstoke	1926	BS	Diesel	O	4	No
2			1954	PAX	"	"	"	Yes
3			1949	VIV	"	"	"	"
4			"	"	"	"	"	"
5	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
6	Total generator name plate rating for plants under 200 kw.	...	...	...	...	...	...	...
7	Total name plate rating of all internal combustion generators in province of British Columbia	...	...	...	...	...	...	...
	Yukon							
	Dawson Electric Light and Power Co. Ltd.:							
8	Standby Plant	Dawson City	1935	PET	Diesel	O	2	No
	Yukon Electrical Co. Ltd.:							
9	Whitehorse	Whitehorse	1939	VIV	Diesel	O	4	No
10			1942	"	"	"	"	"
11			1944	"	"	"	"	"
12			"	"	"	"	"	"
13			1955	CAT	"	"	"	Yes
14			1957	ML	"	"	"	"
15	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
16	Total generator name plate rating for plants under 200 kw.	...	...	...	...	...	...	...
17	Total name plate rating of all internal combustion generators in Yukon	...	...	...	...	...	...	...
	Northwest Territories							
	Aklavik Power and Supply Co.:							
18	Aklavik	Aklavik	1954	RH	Diesel	O	4	No
19			1958	GMC	"	"	2	Yes
	Imperial Oil Limited:							
20	Refinery	Norman Wells	1945	CAT	Diesel	O	4	No
21			"	"	"	"	"	"
22			"	"	"	"	"	"
23			"	"	"	"	"	"
	Northern Canada Power Commission:[1]							
24	Fort Smith	Fort Smith	1950	MLBD	Diesel	O	4	No
25			"	"	"	"	"	"
26			1955	"	"	"	"	Yes
27			1957	"	"	"	"	"
28	Inuvik	Inuvik	1958	MLBD	Diesel	O	4	Yes
29			"	"	"	"	"	"
30			"	RH	"	"	"	No
31	Fort Simpson	Fort Simpson	1957	MCL	Diesel	O	4	No
32			"	"	"	"	"	"
33			1958	"	"	"	"	"
	Northland Utilities Limited.:							
34	Hay River	Hay River	1951	CAT	Diesel	O	4	No
35			"	"	"	"	"	"
36			1952	"	"	"	"	"
37			1956	IH	"	"	"	"
38			1958	CBSM	"	"	"	"
39	Total generator name plate rating for plants of 200 kw. and over	...	...	...	...	...	...	...
40	Total name plate rating of all internal combustion generators in Northwest Territories	...	...	...	...	...	...	...

[1] See Hydro-Electric Equipment Section.

Section 3. Internal Combustion Engine Equipment as at December 31, 1958 – Concluded

Prime movers				Main generators								
No. of cycles	r.p.m.	Name plate rating		Year placed in service	Name of mfr.	Name plate rating						No.
		h.p.	kw.			Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.	
6	225	600	400	1949 R	WEST	2,400/4,160	60	80	512	400		1
16	720	1,440	1,000	1954	"	" "	"	"	1,250	1,000		2
10	514	400	300	1949	"	" "	"	"	375	300		3
"	"	400	300	"	"	" "	"	"	375	300	2,000	4
...	...	...	...	...	...	...	...	...	...	...	83,685	5
...	...	...	...	...	...	...	...	...	...	...	1,254	6
...	...	...	...	...	...	...	...	...	...	...	84,939	7
5	330	390	..	1935	CWC	2,300	60	80	312	300	300	8
8	600	..	100		FM	2,300	60	80	125	100		9
"	"	..	100		CEM	"	"	"	125	100		10
"	"	..	100		"	"	"	"	125	100		11
"	"	..	100		WEST	"	"	"	125	100		12
12	1,200	..	330		CGE	"	"	"	375	300	700	13
4	900	..	330									14
...	...	...	...	...	...	...	...	...	...	...	1,000	15
...	...	...	...	...	...	...	...	...	...	...	227	16
...	...	...	...	...	...	...	...	...	...	...	1,227	17
5	514	300	250	1954	RH	2,400	60	..	..	250		18
12	1,600	330	200	1958	GMC	460	"	..	..	200	450	19
6	900	110	74	1945	GE	220	60	80	92	74		20
"	"	110	74	"	"	"	"	"	92	74		21
"	"	110	74	"	"	"	"	"	92	74		22
"	"	110	74	"	"	"	"	"	92	74	296	23
3	600	155	100	1950	ECC	2,400/4,160	60	80	125	100		24
5	"	255	150	"	"	" "	"	"	187	150		25
6	"	405	280	1955	"	" "	"	"	350	280		26
8	720	866	600	1957	"	" "	"	"	750	600	1,130	27
6	600	542	375	1958	BR	2,400/4,160	60	80	462	375		28
"	"	542	375	"	"	" "	"	"	462	375		29
8	900	240	150	"	ECC	" "	"	"	187	150	900	30
6	1,200	120	75	1956	CGE	2,400/4,160	60	80	94	75		31
"	"	120	75	"	"	" "	"	"	94	75		32
"	"	120	75	"	"	" "	"	"	94	75	225	33
6	900	125	75	1951	AM	440	60	80	112	100		34
"	"	125	75	"	"	"	"	"	94	75		35
"	"	125	75	1952	LA	"	"	"	94	75		36
"	1,200	100	60	1956	GE	460	"	"	75	60		37
"	514	450	275	1958	EE	2,400/4,160	"	"	344	275	585	38
...	...	...	...	...	...	...	...	...	...	...	3,586	39
...	...	...	...	...	...	...	...	...	...	...	3,586	40

Section 4. Gas Turbine Equipment as at December 31, 1958

General plant data		Main turbines									
Name of plant	Location	Type of fuel used	Year placed in service	Name of mfr.	Cycle	Turbine inlet temp. °F.	Pressure ratio	No. of shafts	Shaft speeds r.p.m.	Capacity (kw.) at ambient	
										0°F.	80°F.
Saskatchewan											
Saskatchewan Power Corporation:[1,2]											
Kindersley	Kindersley	NG	1958	BB	Simple	1,150	4.3:1.0	1	3,600	10,000	6,200
		"	"	"	"	"	"	1	"	10,000	6,200
Total name plate rating of gas turbine generators in the province of Saskatchewan	...	...	...	...	...	...	...	...	...	...	...
Alberta											
Canadian Utilities Ltd.:[1,2]											
Sturgeon	Valleyview	FG	1958	BB	Simple	1,165	4.6:1.0	1	3,600	10,000	6,200
Vermilion	Vermilion	NG	1954	BB	Simple	1,165	4.7:1.0	1	3,600	8,500	5,900
Edmonton, City of:[1]											
Edmonton	Edmonton	NG	1958	BB	Simple	1,150	17.0:1.0	2	3,000 4,500	27,500	18,000
Lethbridge, City of:[1]											
Lethbridge	Lethbridge	NG, DO	1958	BB	Simple	1,150	4.0:1.0	1	3,600	..	..
Western Chemicals Ltd.:[1,2]											
Duvernay	Duvernay	NG	1957	BB	Simple	1,165	..	1	3,600	9,000	6,200
Total name plate rating of gas turbine generators in the province of Alberta	...	...	...	...	...	...	...	...	...	...	...
British Columbia											
British Columbia Power Commission:[2]											
Georgia	Chemainus	RO	1958	CGE	Simple	..	..	1	3,600	19,750	kw. at 50°F.
		"	"	"	"	..	..	1	"	"	" " "
Total name plate rating of gas turbine generators in the province of British Columbia	...	...	...	...	...	...	...	...	...	...	...

	Main generators							
	Year placed in service	Name of mfr.	Name plate rating					
			Voltage	Freq.	Power factor	kva.	kw.	Total plant kw.
Saskatchewan								
Saskatchewan Power Corporation:[1,2]								
Kindersley	1958	BB	14,400	60	80	12,500	10,000*	
	"	"	"	"	"	12,500	10,000*	20,000*
Total name plate rating of gas turbine generators in the province of Saskatchewan	...	...	...	...	...	...	...	20,000*
Alberta								
Canadian Utilities Ltd.:[1,2]								
Sturgeon	1958	BB	14,400	60	80	12,500	10,000	10,000
Vermilion	1954	BB	4,160	60	80	10,650	8,500	8,500
Edmonton, City of:[1]								
Edmonton	1958	BB	13,800	60	80	37,500	30,000	30,000
Lethbridge, City of:[1]								
Lethbridge	1958	BB	13,800	60	80	12,500	10,000	10,000
Western Chemicals Ltd.:[1,2]								
Duvernay	1957	BB	6,900	60	90	9,375	8,437*	8,437*
Total name plate rating of gas turbine generators in the province of Alberta	...	...	...	...	...	...	...	66,937
British Columbia								
British Columbia Power Commission:[2]								
Georgia	1958	CGE	13,800	60	85	25,600	21,760	
	"	"	"	"	"	25,600	21,760	43,520
Total name plate rating of gas turbine generators in the province of British Columbia	...	...	...	...	...	...	...	43,520

[1] See Steam Equipment Section.
[2] See Internal Combustion Equipment Section.

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