

6.—Summary Statistics of Domestic Service Consumption of Electricity, 1930-42—conc.

Year	Customers	Total Consumption	Average Consumption per Customer	Average Charge, per Annum	Average per kwh.
	No.	'000 kwh.	kwh.	\$	cts.
1935.....	1,401,983	1,769,848	1,262	26.23	2.08
1936.....	1,443,059	1,887,116	1,308	26.61	2.03
1937.....	1,500,128	2,007,433	1,338	26.17	1.96
1938.....	1,559,394	2,172,500	1,393	26.49	1.90
1939.....	1,623,672	2,310,891	1,423	26.97	1.90
1940.....	1,694,388	2,436,572	1,438	27.41	1.91
1941.....	1,755,917	2,582,405	1,471	27.73	1.89
1942.....	1,803,708	2,716,895	1,506	28.11	1.87

Equipment of Central Electric Stations.—Auxiliary equipment includes only thermal engines and generators operated by them in hydraulic stations and in non-generating plants and does not include spare equipment in thermal stations or spare hydraulic equipment in hydraulic stations. Such equipment is classed as main-plant equipment. The capacities of the equipment are the manufacturers' ratings and for water wheels and turbines vary with the supply of water. The majority of the hydraulic stations are large, serving wide areas over transmission lines, whereas most of the plants with thermal engines are small, serving the needs of the local municipality in each case.

7.—Main-Plant Equipment of Central Electric Stations, by Provinces, and Total Auxiliary Equipment, 1941 and 1942

NOTE.—kva. means kilo-volt-amperes.

Type of Equipment and Province	Power Plants	Water Wheels and Turbines			Steam Engines, Steam Turbines and Internal-Combustion Engines			Generators		
		No.	Capacity	Average Capacity	No.	Capacity	Average Capacity	No.	Capacity	Average Capacity
	No.		h.p.	h.p.		h.p.	h.p.		kva.	kva.
1941										
MAIN-PLANT EQUIPMENT										
P.E. Island.....	9	7	392	56	15	8,822	588	20	6,945	347
Nova Scotia.....	47	57	102,990	1,806	30	69,884	2,329	87	144,409	1,680
New Brunswick..	13	16	105,760	6,610	16	34,018	2,126	32	118,862	3,714
Quebec.....	96	273	4,076,552	14,932	8	2,850	356	280	3,550,904	12,681
Ontario.....	136	353	2,284,389	6,471	15	1,290	86	364	1,838,239	5,050
Manitoba.....	23	43	508,300	11,821	34	4,139	122	77	411,142	5,340
Saskatchewan....	142	Nil	—	—	269	165,703	616	265	139,718	527
Alberta.....	72	9	68,180	7,575	132	78,800	597	134	120,437	899
British Columbia and Yukon.....	69	83	637,837	7,685	42	7,679	183	125	521,129	4,169
Totals.....	607	841	7,784,400	9,256	561	373,185	665	1,384	6,851,785	4,951
AUXILIARY-PLANT EQUIPMENT										
	64	Nil	—	—	123	194,651	1,582	112	56,118	501
Grand Totals, 1941.....	671	841	7,784,400	9,256	684	567,836	830	1,496	6,907,903	4,618
1942										
MAIN-PLANT EQUIPMENT										
P.E. Island.....	9	7	392	56	15	8,822	588	20	6,945	347
Nova Scotia.....	46	57	107,015	1,877	29	69,809	2,407	87	147,870	1,700
New Brunswick..	14	17	107,010	6,295	17	34,240	2,014	33	119,862	3,632
Quebec.....	99	282	4,441,112	15,749	8	2,850	356	289	3,876,384	13,413
Ontario.....	137	355	2,341,439	6,596	16	1,315	82	366	1,887,039	5,156
Manitoba.....	25	43	508,300	11,821	37	4,427	120	79	411,302	5,206
Saskatchewan....	142	Nil	—	—	277	168,275	608	275	142,200	517
Alberta.....	74	10	91,180	9,118	138	78,804	571	137	140,274	1,024
British Columbia and Yukon.....	70	83	637,837	7,685	43	10,869	253	126	525,051	4,167
Totals.....	616	854	8,234,285	9,642	580	379,411	654	1,412	7,256,927	5,139
AUXILIARY-PLANT EQUIPMENT										
	65	Nil	—	—	92	130,962	14,235	32	64,004	2,000
Grand Totals, 1942.....	681	854	8,234,285	9,642	672	510,373	759	1,444	7,320,931	5,070