Although the amount of power used by domestic customers or for residential purposes has been only between 4 and 8 p.c. of the total production of central electric stations, this service is exceedingly important. Details of the number of domestic customers served, the kilowatt hours delivered and the costs to the customers, exclusive of direct Dominion, provincial and municipal taxes on such service, are shown in Table 6. The average consumption per customer and average cost per kilowatt hour vary considerably as between municipalities and also as between provinces; there are smaller differences between the average bills.

6.—Summary Statistics of Domestic Consumption of Electricity, 1931-45

Year	Customers	Consumption	Average Consumption per Customer	Average Charge per Annum	Average per kwh.
	No.	'000 kwh.	kwh.	$	cts.
1931	1,336,721	1,563,704	1,170	26·38	2·25
1932	1,357,462	1,639,498	1,208	26·83	2·22
1933	1,371,806	1,650,395	1,203	26·21	2·18
1934	1,379,153	1,717,090	1,245	26·47	2·13
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	1·80
1943	1,852,367	2,843,612	1,535	27·70	1·87
1944	1,906,452	3,046,980	1,598	27·96	1·75
1945	1,987,360	3,365,497	1,693	28·05	1·66

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, 1944

NOTE.—Kva. means kilo-volt-amperes.

Type of Equipment and Province	Power Plants	Water Wheels and Turbines			Thermal Engines			Generators		
		No.	Capacity	Average Capacity	No.	Capacity	Average Capacity	No.	Capacity	Average Capacity
MAIN-PLANT EQUIPMENT	No.		h.p.	h.p.		h.p.	h.p.		kva.	kva.
P.E.I.	9	6	363	61	16	8,852	553	20	6,945	347
N.S.	49	58	108,215	1,866	34	96,515	2,839	93	169,635	1,824
N.B.	14	17	107,010	6,295	18	44,240	2,458	34	129,262	3,802
Que.	101	294	5,397,912	18,360	11	3,015	274	303	4,573,219	15,093
Ont.	134	351	2,340,232	6,653	17	1,461	86	366	1,882,903	5,145
Man.	22	43	508,300	11,821	31	3,514	113	73	410,621	5,625
Sask.	145	Nil	–	–	284	168,966	595	285	142,846	501
Alta.	79	9	91,000	10,111	153	106,995	699	154	165,250	1,073
B.C. and Yukon	73	85	714,937	8,411	55	12,264	223	141	593,183	4,207
Totals	**626**	**863**	**9,267,969**	**10,739**	**619**	**445,822**	**720**	**1,469**	**8,073,864**	**5,496**
AUXILIARY-PLANT EQUIPMENT	Nil	Nil	–	–	111	185,117	1,668	100	157,866	1,579
Grand Totals	**626**	**863**	**9,267,969**	**10,739**	**730**	**630,939**	**864**	**1,569**	**8,231,730**	**5,246**