Of the 326 main-plant internal combustion engines in central electric stations in 1935, 183, or 56 p.c., were in Saskatchewan, 63, or 19 p.c., in Alberta, and 30, or 9 p.c., in Manitoba.

During 1935, the thermal engines produced 399,298,000 kilowatt hours at a cost for fuel of $2,054,876, an average of 0·51 cents per kilowatt hour. This production was, however, only 1·7 p.c. of the total output.

5.—Main-Plant Equipment of Central Electric Stations, by Provinces, and Total Auxiliary Equipment, 1935.

NOTE.—K.V.A. means Kilo-volt-amperes.

Type of Equipment and Province.	No. of Plants.	Water Wheels and Turbines.			Steam Engines, Steam Turbines and Internal Combustion Engines.			Dynamos.		
		No.	Capacity.	Average Capacity.	No.	Capacity.	Average Capacity.	No.	Capacity.	Average Capacity.
			h.p.	h.p.		h.p.	h.p.		K.V.A.	K.V.A.
MAIN-PLANT EQUIPMENT.										
P.E. Island	11	9	464	52	8	5,063	633	16	4,929	308
Nova Scotia	46	55	81,606	1,484	25	60,434	2,417	80	118,604	1,483
New Brunswick	15	17	105,985	6,234	14	24,960	1,783	31	110,636	3,569
Quebec	95	260	3,475,705	13,368	3	200	67	267	2,973,126	11,135
Ontario	133	338	2,077,458	6,146	15	1,193	80	347	1,672,843	4,821
Manitoba	28	40	436,925	10,923	39	3,414	88	77	354,786	4,608
Saskatchewan	117	–	–		212	138,218	652	206	116,952	568
Alberta	60	18	69,520	3,862	95	59,782	629	107	105,113	982
British Columbia Yukon	61	75	560,306	7,470	29	2,909	100	105	436,995	4,162
Totals	**566**	**812**	**6,807,969**	**8,384**	**440**	**296,173**	**673**	**1,236**	**5,893,984**	**4,769**
AUXILIARY-PLANT EQUIPMENT.	–	–	–	–	147	206,831	1,407	136	176,890	1,301
Grand Totals	–	–	–	–	**587**	**503,004**	**857**	**1,372**	**6,070,874**	**4,425**

Provincial Distribution of Electrical Energy.—The distribution by provinces of the electrical energy generated in central electric stations throughout Canada is shown in Table 6 for the calendar years 1930-35. In the latest year over 80 p.c. of the total generated electrical energy was produced in the leading industrial provinces of Ontario and Quebec. From Table 7 it is seen that the total electric energy generated for export in the fiscal year ended Mar. 31, 1936, was 1,448,412,230 kilowatt hours; in the calendar year 1935 it had amounted to 1,317,224,965 kilowatt hours, or 6·1 p.c. of the total amount generated in central electric stations.

6.—Electrical Energy Generated in Central Electric Stations, by Provinces, calendar years 1930-35.

Province or Territory.	Kilowatt Hours.					
	1930.	1931.	1932.	1933.	1934.	1935.
	'000	'000	'000	'000	'000	'000
Prince Edward Island	3,591	4,413	4,662	4,765	4,902	5,127
Nova Scotia	223,421	257,573	279,854	330,436	389,049	389,144
New Brunswick	332,598	404,350	427,604	378,687	394,100	390,003
Quebec	8,822,901	8,066,026	8,491,128	9,611,084	11,335,987	12,628,662
Ontario	6,160,987	4,948,819	4,258,042	4,381,094	6,113,595	6,653,219
Manitoba	991,237	1,084,763	1,087,010	1,077,210	1,183,381	1,342,093
Saskatchewan	137,217	134,014	135,898	131,164	134,033	138,479
Alberta	204,076	205,082	195,467	182,963	193,002	208,054
British Columbia Yukon	1,217,774	1,225,827	1,172,392	1,241,587	1,449,075	1,528,252
Canada	[illegible]	16,330,867	16,052,057	17,338,990	21,197,124	23,283,033