

Provincial Distribution of Electric Energy.—In the latest year over 81 p.c. of the total generated electric energy was produced in the leading industrial Provinces of Ontario and Quebec. From Table 18 at p. 385 it will be seen that the total electric energy exported in the calendar year 1939 was 1,912,626,000 kwh., or 6·7 p.c. of the estimated production by central electric stations in that year; in 1938 it had amounted to 1,826,515,000 kwh., or 7·0 p.c. of the total amount generated in central electric stations.

8.—Electric Energy Generated in Central Electric Stations, by Provinces, 1933-38.

Province.	1933.	1934.	1935.	1936.	1937.	1938.
	'000 kwh.	'000 kwh.	'000 kwh.	'000 kwh.	'000 kwh.	'000 kwh.
Prince Edward Island.....	4,765	4,902	5,127	5,769	6,524	7,038
Nova Scotia.....	330,436	389,049	389,144	412,294	446,976	404,828
New Brunswick.....	378,687	394,100	390,003	425,849	501,319	465,358
Quebec.....	9,611,084	11,335,987	12,628,662	13,019,908	14,341,400	13,707,343
Ontario.....	4,381,094	6,113,595	6,653,219	7,927,044	8,528,726	7,538,071
Manitoba.....	1,077,210	1,133,381	1,342,093	1,574,898	1,697,656	1,686,876
Saskatchewan.....	131,164	134,033	138,479	145,219	147,143	153,500
Alberta.....	182,963	193,002	208,054	216,770	222,755	232,451
British Columbia and Yukon	1,241,587	1,449,075	1,528,252	1,674,531	1,795,146	1,958,695
Totals.....	17,338,990	21,197,124	23,283,033	25,402,382	27,687,645	26,154,160

Farm Service Furnished by Central Electric Stations.—The number of farm customers reported by publicly owned and privately owned central electric stations for 1930 was 37,887 and the number of farms with electric service as recorded in the Decennial Census of 1931 was 58,741. The census defines as farms, plots of ground of one acre or over producing agricultural products valued at \$50 or more. Many of the small farms of less than 5 acres, of which there were 19,713, were undoubtedly close to cities and towns and would not be counted as farm customers by the power companies. Also the data for individual provinces indicates that the power companies did not segregate all farm customers.

Annual data on farm service throughout Canada would provide very valuable information but, owing to the difficulties of securing comparability, reliable figures of farm service on a provincial basis for years from 1930 to 1938 are not available. The data is most reliable for Ontario and Quebec and, therefore, the statistics given in Table 9 have been limited to these two provinces. The only provinces in which the number of farm customers reported closely approached the number of farms with electric service were Ontario and Quebec for the year 1930. In Ontario in 1930 there were 24,367 farms with electric service and 19,644 farm customers reported. The Provincial Government subsidizes the construction costs of farm services of the provincial system. Consequently the record of farm customers is undoubtedly more nearly correct than in other provinces. In Quebec 17,907 farm customers were reported in 1930 compared with 14,541 farms with electric service.

When the number of farms with electric service is available from the Census of 1941, comparisons might reveal an improvement in the reporting of farm customers by the power companies, although 1938 data indicates that these customers are still classed as domestic service customers in most of the provinces.