

## 4.—Electric Energy Generated, by Type of Station, 1937-51, and by Province, 1951

Year	Generated by—		Total	Year, Province or Territory	Generated by—		Total
	Water Power	Thermal Engines			Water Power	Thermal Engines	
	'000 kwh.	'000 kwh.	'000 kwh.		'000 kwh.	'000 kwh.	'000 kwh.
				<b>1951</b>			
1937	27,175,722	511,923	27,687,645	Nfld.	170,898	1,538	172,436
1938	25,690,785	463,375	26,154,160	P.E.I.	565	32,203	32,768
1939	27,836,691	501,339	28,338,030	N.S.	495,672	362,236	857,908
1940	29,537,459	571,824	30,109,283	N.B.	517,908	238,179	756,087
1941	32,628,930	688,733	33,317,663	Que.	29,877,046	13,040	29,890,086
1942	36,582,953	772,226	37,355,179	Ont.	15,845,064	139,992	15,985,056
1943	39,660,312	819,281	40,479,593	Man.	2,560,322	4,215	2,564,537
1944	39,553,352	1,045,427	40,598,779	Sask.	516,142	462,631	978,773
1945	39,131,020	999,034	40,130,054	Alta.	501,027	495,918	996,945
1946	40,692,395	1,044,592	41,736,987	B.C.	2,607,839	115,615	2,723,454
1947	42,273,167	1,151,632	43,424,799	Yukon and N.W.T.	62,519	1,275	63,794
1948	41,070,095	1,319,586	42,389,681	Canada, 1951	52,955,002	1,896,842	54,851,844
1949	42,779,199	1,639,374	44,418,573				
1950	46,624,218	1,869,500	48,493,718				
1951	52,955,002	1,896,842	54,851,844				

## Subsection 1.—Statistics of Central Electric Stations\*

The growth of the central electric station industry has been practically continuous since 1919, when statistics of kilowatt hours generated were first made available. Minor hesitations in output occurred in years of recession but the general movement has been strongly upward and, based on monthly data, the output of central stations during 1952 was more than eleven times that of 1919. The central electric station industry is one that is particularly suited to large-scale operation because of the huge outlay of capital necessary. Total horse power installed increased almost continuously even during the depression years, mainly because large power projects planned before the depression were in process of construction. Expansion since the end of World War II has been spectacular and large additional developments are currently under way (*see* pp. 559-562). Installed capacity of the industry in hydro and thermal units is now about equal to one horse-power for every Canadian.

\* Revised in the Public Finance and Transportation Division, Dominion Bureau of Statistics.

## 5.—Summary Statistics of Central Electric Stations, 1942-51

NOTE.—Figures for 1917-31 are given in the 1940 Year Book, p. 369, and for 1932-41 in the 1950 edition, p. 564.

Year	Stations	Revenue from Sale of Power <sup>1</sup>	Power Equipment Capacity <sup>2</sup>	Kilowatt Hours Generated	Customers	Persons Employed	Salaries and Wages
	No.	\$	h. p.	'000	No.	No.	\$
1942	616	203,914,608	8,613,696	37,355,179	2,125,558	19,764	34,285,870
1943	622	204,801,508	9,602,794	40,479,593	2,169,148	19,120	35,785,932
1944	626	215,246,391	9,713,791	40,598,779	2,238,023	19,770	36,945,294
1945	600	215,105,473	9,666,947	40,130,054	2,333,230	21,283	39,521,365
1946	600	228,096,273	9,825,459	41,736,987	2,476,830	24,577	52,380,686
1947	607	243,705,976	9,601,157	43,424,799	2,643,327	26,704	67,417,317
1948	635	257,377,490	10,038,541	42,389,681	2,822,027	29,349	68,765,222
1949 <sup>3</sup>	650	280,311,624	10,637,798	44,418,573	3,076,369	31,746	78,272,815
1950 <sup>3</sup>	665	323,853,465	11,703,161	48,493,718	3,269,824	32,873	88,983,681
1951 <sup>3</sup>	647	374,643,376	12,781,610	54,851,844	3,439,750	34,228	101,856,252

<sup>1</sup> Excludes duplications.

<sup>2</sup> Excludes auxiliary-plant equipment.

<sup>3</sup> Includes Newfoundland.