

Section 3.—Electric Power Statistics

Electric power statistics presented in this Section are based on reports of all electrical utilities and all industrial establishments that generate energy regardless of whether or not any is sold, and therefore show the total production and distribution of electric energy in Canada. Utilities are defined as companies, commissions, municipalities or individuals whose primary function is to sell most of the electric energy that they have either generated or purchased. Industrial establishments are defined as companies or individuals that generate electricity mainly for use in their own plants.

The current series of electric power statistics dates back to 1956. Earlier reports, entitled *Central Electric Stations*, were concerned solely with the electrical utility industry and hence excluded statistics relating to power produced by industrial establishments for their own use, although power sold by such establishments was included.

The figures of total water and thermal power generated for the years 1944-55 shown in Table 6 are compiled on the old basis, figures for 1956 are shown on both bases for comparative purposes, and those for later years are on the new basis.

6.—Electric Energy Generated, by Type of Station 1944-60, and by Province 1959 and 1960

Year and Province or Territory	Generated by—		Total '000 kwh.	Year and Province or Territory	Generated by—		Total '000 kwh.
	Water Power '000 kwh.	Thermal Power '000 kwh.			Water Power '000 kwh.	Thermal Power '000 kwh.	
1944	39,553,352	1,045,427	40,598,779	1953	58,926,462	3,934,465	62,860,927
1945	39,131,020	999,034	40,130,054	1954	62,572,316	3,364,124	65,936,440
1946	40,692,395	1,044,592	41,736,987	1955	69,478,003	3,432,589	72,910,592
1947	42,273,167	1,151,632	43,424,799	1956	73,524,583	4,479,770	78,004,353
1948	41,070,095	1,319,586	42,389,681	1956 ¹	81,839,968	6,543,333	88,383,301
1949	42,779,199	1,639,374	44,418,573	1957 ¹	83,373,220	7,668,860	91,042,080
1950	46,624,218	1,869,500	48,493,718	1958 ¹	90,509,200	6,975,089	97,484,289
1951	52,955,002	1,896,842	54,851,844	1959 ¹	97,039,830	7,588,653	104,628,483 ¹
1952	57,023,530	2,385,668	59,409,198	1960 ¹	105,882,773	8,495,160	114,377,933
1959¹				1960¹			
Nfld.	1,370,826	77,812	1,448,638	Nfld.	1,424,677	86,882	1,511,559
P.E.I.	340	70,802	71,142	P.E.I.	415	79,037	79,452
N.S.	679,450	970,592	1,650,042	N.S.	655,164	1,158,769	1,813,933
N.B.	1,115,835	707,638 ^r	1,823,473 ^r	N.B.	816,105	922,273	1,738,378
Que.	44,621,143	232,783	44,853,926	Que.	50,109,271	323,330	50,432,601
Ont.	32,386,820	996,012 ^r	33,382,832 ^r	Ont.	34,948,511	866,653	35,815,064
Man.	3,580,427	62,816	3,643,243	Man.	3,659,920	81,991	3,741,911
Sask.	587,366	1,512,312	2,099,678	Sask.	621,829	1,581,996	2,203,825
Alta.	842,259	2,255,207	3,097,466	Alta.	886,595	2,556,813	3,443,408
B.C.	11,701,239	671,978	12,373,217	B.C.	12,600,494	807,889	13,408,383
Yukon and N.W.T.	154,125	30,701	184,826	Yukon and N.W.T.	159,792	29,327	189,119
Canada, 1959..	97,039,830	7,588,653^r	104,628,483^r	Canada, 1960..	105,882,773	8,495,160	114,377,933

¹ New series, see immediately preceding text.

Of the total generation in 1960 of 114,377,933,000 kwh., 92.6 p.c. was produced from water power and 7.4 p.c. was generated thermally; the proportions differed somewhat among provinces as shown in the following statement.