

Section 4.—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.

5.—Electric Energy Generated, by Type of Station, 1957-66, and by Province 1965 and 1966

Year and Province or Territory	Generated by—		Total	Year and Province or Territory	Generated by—		Total
	Water Power	Thermal Power			Water Power	Thermal Power	
	'000 kwh.	'000 kwh.	'000 kwh.		'000 kwh.	'000 kwh.	'000 kwh.
1957.....	83,373,220	7,668,860	91,042,080	1962.....	104,050,724	13,418,024	117,468,748
1958.....	90,509,200	6,975,089	97,484,289	1963.....	103,831,866	18,406,328	122,238,194
1959.....	97,039,830	7,588,653	104,628,483	1964.....	113,343,948	21,642,799	134,986,747
1960.....	105,882,773	8,495,160	114,377,933	1965.....	117,063,328	27,210,502	144,273,830
1961.....	103,919,241	9,794,077	113,713,318	1966.....	129,834,430	28,300,802	158,135,232
1965				1966			
Nfld.....	2,497,965	270,544	2,768,509	Nfld.....	2,603,718	320,412	2,924,130
P.E.I.....	316	136,596	136,912	P.E.I.....	291	155,626	155,917
N.S.....	452,036	2,179,644	2,631,680	N.S.....	443,186	2,429,172	2,872,358
N.B.....	1,107,943	1,852,193	2,960,136	N.B.....	1,188,427	2,031,916	3,220,343
Que.....	56,049,744	955,091	57,004,835	Que.....	62,200,343	541,282	62,741,625
Ont.....	32,966,086	11,891,923	44,858,009	Ont.....	36,998,857	11,584,150	48,583,007
Man.....	5,258,000	231,140	5,489,140	Man.....	6,036,882	133,396	6,170,278
Sask.....	1,698,322	2,035,375	3,733,697	Sask.....	1,686,280	2,255,994	3,942,274
Alta.....	1,417,864	4,173,463	5,591,327	Alta.....	1,425,028	4,723,660	6,148,688
B.C.....	15,398,746	3,433,241	18,831,987	B.C.....	16,981,084	4,074,615	21,055,699
Y.T. and N.W.T.....	216,306	51,292	267,598	Y.T. and N.W.T.....	270,334	50,579	320,913
Canada, 1965...	117,063,328	27,210,502	144,273,830	Canada, 1966...	129,834,430	28,300,802	158,135,232

Of the total generation in 1966 of 158,135,232,000 kwh., 82.1 p.c. was produced from water power and 17.9 p.c. was generated thermally; the proportions differed markedly among provinces as shown in the following statement.

Province	Hydro		Thermal	Province or Territory	Hydro		Thermal
	p.c.	p.c.			p.c.	p.c.	
Newfoundland.....	89.0	11.0		Manitoba.....	97.8	2.2	
Prince Edward Island....	0.2	99.8		Saskatchewan.....	42.8	57.2	
Nova Scotia.....	15.4	84.6		Alberta.....	23.2	76.8	
New Brunswick.....	36.9	63.1		British Columbia.....	80.6	19.4	
Quebec.....	99.1	0.9		Yukon and Northwest Territories.....	84.2	15.8	
Ontario.....	76.2	23.8					