

The figures of total water and thermal power generated for the years 1945-55 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 1945-61, and by Province 1960 and 1961

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.
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.....	83,373,220	7,668,860	91,042,080
1950.....	46,624,218	1,869,500	48,493,718	1958.....	90,509,200	6,975,089	97,484,289
1951.....	52,955,002	1,896,842	54,851,844	1959.....	97,039,830	7,588,653	104,628,483
1952.....	57,023,530	2,385,668	59,409,198	1960.....	105,882,773	8,495,160	114,377,933
1953.....	58,926,462	3,934,465	62,860,927	1961.....	103,919,241	9,794,077	113,713,318
1960				1961			
Nfld.....	1,424,677	86,882	1,511,559	Nfld.....	1,320,552	137,008	1,457,560
P.E.I.....	415	79,037	79,452	P.E.I.....	407	88,150	88,557
N.S.....	655,164	1,158,769	1,813,933	N.S.....	544,010	1,317,123	1,861,133
N.B.....	816,105	922,273	1,738,378	N.B.....	1,020,737	891,400	1,912,137
Que.....	50,109,271	323,630	50,432,901	Que.....	49,547,805	307,790	49,855,595
Ont.....	34,948,511	866,553	35,815,064	Ont.....	33,737,126	1,216,464	34,953,590
Man.....	3,659,920	81,991	3,741,911	Man.....	3,589,242	257,367	3,846,609
Sask.....	621,829	1,581,996	2,203,825	Sask.....	659,971	1,885,133	2,545,104
Alta.....	886,595	2,556,813	3,443,408	Alta.....	1,017,731	2,752,745	3,770,476
B.C.....	12,600,494	807,889	13,408,383	B.C.....	12,299,630	904,823	13,204,453
Yukon and N.W.T.....	159,792	29,327	189,119	Yukon and N.W.T.....	182,030	36,074	218,104
Canada, 1960..	105,882,773	8,495,160	114,377,933	Canada, 1961..	103,919,241	9,794,077	113,713,318

¹ New series, see immediately preceding text.

Of the total generation in 1961 of 113,713,318,000 kwh., 91.4 p.c. was produced from water power and 8.6 p.c. was generated thermally; the proportions differed somewhat among provinces as shown in the following statement.

Province	Hydro		Thermal		Province or Territory	Hydro		Thermal	
	p.c.	p.c.	p.c.	p.c.		p.c.	p.c.		
Newfoundland.....	90.6	9.4			Manitoba.....	93.3	6.7		
Prince Edward Island.....	0.5	99.5			Saskatchewan.....	25.9	74.1		
Nova Scotia.....	29.2	70.8			Alberta.....	27.0	73.0		
New Brunswick.....	53.4	46.6			British Columbia.....	93.1	6.9		
Quebec.....	99.4	0.6			Yukon and N.W.T.....	83.5	16.5		
Ontario.....	96.5	3.5							

Table 7 gives summary figures of power production and distribution classified by province, and Tables 8 and 9 give figures classified by type of production establishment. Total installed capacity in Canada amounted to 24,091,368 kw. in 1961, an increase of 1,056,366 kw. over 1960. Of the 1961 total, 15,180,154 kw. were accounted for by utilities and the remainder by industrial establishments. During 1960 and 1961 total sales to ultimate customers amounted to 76,829,969,000 kwh. and 79,874,233,000 kwh., respectively, of which 99.7 p.c. was sold each year by utilities.

Sales to power customers made up 61.1 p.c. of the total in 1960 and 60.7 p.c. in 1961, sales to domestic and farm customers were 26.5 p.c. and 27.5 p.c., and commercial sales 11.5 p.c. and 10.9 p.c. in the respective years. Exports to the United States in 1961 amounted to 4,139,686,000 kwh. compared with 5,495,572,000 kwh. in 1960.