

**Yukon Territory.**—In 1955, the Yukon Hydro Company Limited completed a new development on McIntyre Creek near Whitehorse comprising an 800-h.p. turbine driving a 750-kw. generator. The Northern Canada Power Commission started work in October 1956 on its development at Whitehorse Rapids on the Yukon River, about 1.5 miles upstream from Whitehorse. Two 7,500-h.p. units will be completed in October 1958, and a third provided for. The Commission is also adding a 3,000-h.p. unit to its Mayo River plant which will increase capacity at this site to 6,000 h.p.

Northwest Power Industries Limited has all but completed surveys on the proposed Yukon-Atlin-Taku project, which entails an initial 880,000-h.p. development at powerhouse No. 1 and a possible eventual development of nearly 5,000,000 h.p.

## Section 2.—The Central Electric Station Industry

Central electric stations are companies, municipalities or individuals selling or distributing electric energy whether generated by themselves or purchased for resale. Stations are divided into two classes according to ownership, viz.: (1) private—those privately owned and operated by companies or individuals, and (2) public—those owned and operated by municipalities or governments.

### 4.—Electric Energy Generated by Type of Station 1940-55 and by Province 1954 and 1955

Year, Province or Territory	Generated by—		Total	Year, 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.
1940.....	29,524,248	585,035	30,109,283	1948.....	41,070,095	1,319,586	42,389,681
1941.....	32,628,930	688,733	33,317,663	1949.....	42,779,199	1,639,374	44,418,573
1942.....	36,582,953	772,226	37,355,179	1950.....	46,624,218	1,869,500	48,493,718
1943.....	39,660,312	819,281	40,479,593	1951.....	52,955,002	1,896,842	54,851,844
1944.....	39,553,352	1,045,427	40,598,779	1952.....	57,023,530	2,385,668	59,409,198
1945.....	39,131,020	999,034	40,130,054	1953.....	58,926,462	3,934,465	62,860,927
1946.....	40,692,395	1,044,592	41,736,987	1954.....	62,572,316	3,364,124	65,936,440
1947.....	42,273,167	1,151,632	43,424,799	1955.....	69,478,003	3,432,589	72,910,592
<b>1954</b>				<b>1955</b>			
Nfld.....	274,213	5,564	279,777	Nfld.....	704,797	6,658	711,455
P.E.I.....	645	41,869	42,514	P.E.I.....	545	45,885	46,430
N.S.....	528,491	592,017	1,120,508	N.S.....	500,859	704,545	1,205,404
N.B.....	664,135	235,840	899,975	N.B.....	517,098	355,758	872,856
Que.....	34,080,730	17,504	34,098,234	Que.....	35,330,565	29,571	35,360,136
Ont.....	19,162,186	980,546	20,142,732	Ont.....	23,914,057	436,053	24,350,110
Man.....	3,004,268	6,455	3,010,723	Man.....	3,099,880	4,056	3,103,936
Sask.....	559,300	732,979	1,292,279	Sask.....	569,401	912,420	1,481,821
Alta.....	857,150	641,335	1,498,485	Alta.....	935,943	793,011	1,728,954
B.C.....	3,377,787	108,123	3,485,910	B.C.....	3,835,417	141,373	3,976,790
Yukon and N.W.T.....	63,411	1,892	65,303	Yukon and N.W.T.....	69,441	3,259	72,700
<b>Canada, 1954....</b>	<b>62,572,316</b>	<b>3,364,124</b>	<b>65,936,440</b>	<b>Canada, 1955....</b>	<b>69,478,003</b>	<b>3,432,589</b>	<b>72,910,592</b>

### 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. Horsepower 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 the War has been spectacular and continuing; installed capacity of the industry in hydro and thermal units is now well over one horsepower for every Canadian.

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