Sources of power for the fiscal year 1949-50 were as follows—

	kwh.	p.c.
Hydro electric energy	138,640,900	82·3
Diesel electric energy	14,818,143	8·8
Steam electric energy	4,487,030	2·5
Purchased power	10,737,665	6·4
TOTALS	168,683,738	100·0

The Northwest Territories and Yukon.—The Northwest Territories Power Commission was created by an Act of Parliament in 1948, to bring electric power to points in the Northwest Territories where a need developed and where power could be provided on a self-sustaining basis. By legislation passed in 1949, the Act was extended to include Yukon in its scope.

The Northwest Territories Power Commission has authority to construct and operate power plants as required in a territory having an area of over one and one-half million sq. miles. The Commission is continually investigating power needs in this large area and studying reports on hydro-electric power sites that are available. The total capital investment of the Commission as at June 30, 1950, was over $4,700,000.

The Commission has in operation a hydro-electric power development at Snare River and power has been supplied from this plant since the autumn of 1948. A diesel generating plant is under construction at Fort Smith and plans are well under way for the construction of a diesel generating plant at Hay River. During the fiscal year 1949-50, the Commission took the necessary steps toward providing diesel electrical power for the two communities mentioned above as well as making arrangements for power from the Snare River plant to augment the electric power supply in the town of Yellowknife.

The Commission conducts investigations throughout the Territories wherever requests are made for power installations or where the Commission itself considers such investigations should be made.

The Mayo River Canyon development (see p. 540) will be constructed by the Commission.

Subsection 3.—Private Ownership of Central Electric Stations*

Summary statistics of privately owned central electric stations are given for the years 1939 to 1948 in Table 23.

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

23.—Summary Statistics of Privately Owned Central Electric Stations, 1939-48

Year	Power Plants	Customers	Electric Energy Generated	Power Equipment[1]	
				Water Wheels and Turbines	Total
	No.	No.	'000 kwh.	h.p.	h.p.
1939	427	889,418	21,285,710	5,226,483	5,385,632
1940	421	926,093	22,287,270	5,544,803	5,708,664
1941	424	954,906	24,784,691	5,753,150	5,917,160
1942	428	985,059	28,177,387	6,099,440	6,269,386
1943	425	1,009,603	31,082,239	7,069,774	7,239,936
1944	424	753,239	25,688,581	6,175,674	6,373,523
1945	392	766,554	25,530,857	6,098,240	6,294,121
1946	397	826,091	26,997,716	6,104,383	6,301,996
1947	377	870,408	27,665,524	5,750,950	5,936,125
1948	393	937,385	25,697,293	5,837,670	6,045,218

[1] Exclusive of auxiliary equipment.