In 1959 the $16.3 million Silver Falls generating station was placed in service. Located on the Kaministikwia River, the plant has a capacity of 45,100 kilowatts and is controlled from Port Arthur. Coming into service in 1962 is the $25 million Thunder Bay thermal-electric generating station at Fort William with a capacity of 100,000 kilowatts.

ONTARIO HYDRO GENERATING STATIONS IN THE NORTHWESTERN ONTARIO REGION, DECEMBER 31, 1961, SHOWING INCREASED CAPACITY SINCE 1945.

	Year of Installation		Additional Capacity Installed Since 1945	Dependable Peak Capacity
	First Unit	Latest Unit	(kw)	(kw)
Pine Portage	1950	1954	119,200	119,200
Caribou Falls	1958	1958	79,300	79,300
Cameron Falls	1920	1958	19,100	76,700
Manitou Falls	1956	1958	65,700	65,700
Whitedog Falls	1958	1958	61,700	61,700
Alexander Falls	1930	1958	11,300	60,900
Silver Falls	1959	-	45,100	45,100
Aguasabon	1948	1948	44,000	44,000
Kakabeka Falls	1906	1914	-	25,000
Ear Falls	1929	1948	6,000	15,900
Total Capacity			451,400	593,500

Although the Northwestern Division of Ontario Hydro is not electrically connected by transmission lines with the rest of the Province, an interconnection was made in 1956 with the Manitoba Hydro-Electric Board. Besides providing increased system security and the opportunity to dispose of surplus energy to the mutual benefit of both systems, it enables the best use to be made of storage water.