

1 **Q. B-49, Upgrade Power Transformers \$1,246,000**

2 Please provide a listing of the spare transformers held in Hydro's inventory,
3 including the rating and the location where it is stored.

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6 **A. The following is a list of spare transformers for voltage classes 66 kV and above.**

Location	Manufacturer	Serial No	Year Built	Voltage		Rating (MVA)			
				HV (kV)	LV (kV)	ONAN	ONAF	ONAFF	OFAF
Bishop's Falls	Federal Pioneer	T-60754	1988	69 / 39.8	25	6.2	7.9	9.9	
Bishop's Falls	Westinghouse	293369	1967	138	66/33	10	13.3	16.6	
Bishop's Falls	Westinghouse	A-3-S-6117	1969	69	25/14.4	5	6.6	8.3	
Bishop's Falls (Mobile)	Maloney	268343	1973	138/66	25/12.5				15
Buchans TS	Westinghouse	A-3-S-7291	1973	230	25	13.3	16.6		
Holyrood TS	Canadian General Electric	287199	1970	230	16				170
Upper Salmon TS	Pauwels	RA07.0165	2009	230	13.8	60	80	100	
Happy Valley TS	Canadian General Electric	289068	1977	138	25	15	20	25	

7 ONAN = Oil Natural Air Natural

8 ONAF = Oil Natural Air Forced

9 ONAFF = Oil Natural Air Forced (two stages of fans)

10 OFAF = Oil Forced Air Forced