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Q.	Has any attempt been made to obtain backup equipment that could be used to
	mitigate the consequences of a transmission failure in Labrador East, or to reduce
	the time during which the line would be out of service in the event of such a
	failure? If not, why not?
Α.	Hydro does not have a back up policy for the loss of a radial transmission line, nor
	has the Board provided guidance or an order with respect to any level of back up
	for a radial transmission system. The least cost option for supplying "remote"
	locations from the interconnected network is a radial transmission line. By its very
	nature the loss of the radial line results in customer outage. Hydro does maintain
	limited spare transmission line components to assist in the restoration of a
	transmission line following loss of a support structure(s). Given the delivery time
	for new power transformers, on the island Hydro does maintain spare transformer
	capacity in multi-transformer stations and utilizes a back-up mobile transformer in
	single transformer stations. In Labrador East, spare transformer capacity is
	maintained in the Happy Valley terminal station in conjunction with the gas turbine
	for loss of a 50 MVA unit. However, at the interconnection point in Churchill Falls
	transformer capacity is limited with the loss of the 125 MVA transformer given that
	the backup is the hot stand-by unit at 42 MVA plus generation from the 25 MW
	Happy Valley gas turbine.
	The issue of level of "local back up" for loss of a radial transmission line is one of a
	Q.

The issue of level of "local back up" for loss of a radial transmission line is one of a balance between reliability (i.e. unavailability and expected unserved energy) and the impact on rates (i.e. how much are the customers willing to pay to improve reliability).