

Q. ENERGY SUPPLY**PUB 1.0 (RE: p. 10 & 11 of 73) Hydro Plants Facility Rehabilitation (\$1,887,000)****PUB 1.1**

In Appendix 1 (f), \$302,000, has there been a specific determination made of the estimated cost of each of the upgrades planned for the hydro plants at Lookout Brook, Lockston, Lawn and Tors Cove? If so, please provide a listing, as well as a summary of the capital costs for each of these plants for the period from 2000 to 2004F.

- A. The following electrical and mechanical protection upgrades are planned for the generating units at the plants in question. Lookout Brook will be provided with vibration monitoring and improved electrical protection for both generators at that location. Both Lockston and Lawn plants will be provided with vibration monitoring protection. Tors Cove will be provided with improved electrical protection by installing the necessary instrument transformers to interface with the recently installed protection relays. Table 1 provides a breakdown of the budget amount for each location.

Table 1 Budget Summary Upgrade Protection and Controls for Selected Hydro Plants (\$000s)	
Plant	Budget
Lookout Brook	\$137
Lockston	54
Lawn	27
Tors Cove	84
Total	\$302

Table 2 provides a summary of the capital costs incurred for Lookout Brook, Lockston, Lawn and Tors Cove plants for the period 2000 to 2004 forecast.

Table 2 Capital Costs for Selected Hydro Plants 2000 - 2004F (\$000s)					
	2000	2001	2002	2003	2004F
Lookout Brook	115	9	-	-	-
Lockston	4	135	18	1,526	
Lawn	-	41	0.5	66	-
Tors Cove	814	-	156	755	230