

Q. INFORMATION SYSTEMS

PUB 22.0 (RE: p. 61 & 62 of 73) Application Enhancements (\$1,087,000)

PUB 22.5

As the completion date for the replacement of NLH's Energy Management System has now been extended to 2006, does there continue to be a reason to include this expenditure (\$177,000) in the 2005 Capital Budget?

A. The estimated capital expenditure for the portion of this project associated with the replacement of Newfoundland & Labrador Hydro's Energy Management System (EMS) is \$111,000.

The implementation of the EMS is scheduled for 2006, and Hydro has requested that Newfoundland Power complete the upgrading of its communications protocol in 2005.

The transfer of SCADA-related information between Newfoundland Power and Hydro is an integral aspect of the new EMS. In order to conduct the necessary testing of the new EMS in advance of commissioning, Hydro will require that the data transfer functionality between the two utilities be in place. Scheduling the upgrade of Newfoundland Power's communications protocol for 2005 will ensure that the required modifications are designed, tested and placed in service in a timely manner.