

BC Hydro Service Plan
2007/08 to 2009/10



reliable power, at low cost
for generations



Financial Outlook Summary

ADVANCED METERING INFRASTRUCTURE (AMI)

The Advanced Metering Infrastructure (AMI) program will install multi-function smart meters that will collect accurate meter readings automatically and regularly transmit them to BC Hydro. This will support conservation initiatives, operational improvements and enhanced customer service by providing timely consumption information, increased billing accuracy, and more proactive and expedient distribution system management.

Preparation of a preliminary business case based on conceptual designs and potential benefits has been completed. The business case validation and approvals are now in progress.

Targeted completion: 2012
Total cost: \$480 - \$530 million

STRATHCONA SEISMIC AND SEEPAGE *NEW*

BC Hydro is studying how to best mitigate piping and seismic risks at the Strathcona Dam. The dam may have experienced internal erosion and degradation since construction ended in the mid-1950s. In addition, the concrete intake structure, the adjoining conduit through the base of the dam, the embankment dam and the spillway may be at significant risk in an earthquake.

Targeted completion: 2010
Total cost: \$50 - 70 million

CAMPBELL RIVER FLOOD RISK CONTROL

Our options to address flood risks on the Campbell River System (the Strathcona, Ladore and John Hart dams) include re-evaluating flood safety requirements and providing flood passage enhancements as required. In the meantime, we have started work to upgrade the Campbell River gate systems to ensure the spillway gates are reliable and will operate as needed.

Targeted completion: 2011
Total cost: \$100 - 150 million

TRANSMISSION PROJECTS

Transmission projects over \$50 million – which, if approved by the BCUC, will be financed by BC Hydro – are disclosed in BCTC's Service Plan.