

SCCBC et al Information Request No. 3.1.1 Dated: September 8, 2006 British Columbia Hydro & Power Authority Response issued September 29, 2006	Page 1
British Columbia Hydro & Power Authority 2006 IEP & LTAP Application - Amended LTAP	Exhibit: B-17

1.0 Reference: Exhibit B1-E, Redacted amended LTAP Chapter 8 of 2006 IEP, p.8-46, p.8-54, p.8-57

The Justification section regarding increased transmission between the Interior and the Lower Mainland (ILM), specifically 5L83, argues that increased ILM transmission capacity is required by the planned additions of capacity at Revelstoke and Mica, which in turn provide the Contingency Plans for the type and location risk for what resources may be acquired on 'all source' competitive calls.

- 3.1.1 Now that BC Hydro knows the types and locations of the projects for which electricity purchases agreements arising from the F2006 Call have been filed, is there any change in the Justification for the 5L83 transmission line?

RESPONSE:

BC Hydro's preliminary assessment indicates the following:

- **BC Hydro's February 2006 Load Forecast Update, used in the Amended Long Term Plan (LTAP) indicates higher load growth relative to the December 2004 Load Forecast, used in the 2006 Integrated Electricity Plan (IEP); and**
- **The distribution of F2006 Call projects is consistent with the assumed distribution of resources that were developed for a number of the 2006 IEP resource portfolios, particularly the distribution between Lower Mainland/Vancouver Island projects and Interior projects.**

Based on this assessment, it remains BC Hydro's view that Interior-to-Lower Mainland transmission reinforcement is required, either directly or as a risk mitigation measure, at its earliest in-service date of F2014.

BC Hydro recently provided its Amended LTAP (including F2006 Call results), contingency plans and associated load forecast data to British Columbia Transmission Corporation (BCTC). This information will allow BCTC to update its high level planning estimates of transmission reinforcements and associated in-service dates relative to the transmission analysis that was undertaken by BCTC as part of the 2006 IEP.