

**Nalcor Energy Response to Grant Thornton Question 5.3****Question:**

*During Decision Gate 2 and/or 3, was there any external reviews (outside Nalcor) completed on the Planning Load forecast for 2010 and 2012? If so, please provide evidence that this review was completed and any resulting conclusions.*

**Response:**

There were two external reviews of the Planning Load Forecast for 2010 which were prepared during Decision Gate 2. A review was completed by Manitoba Hydro International (MHI) for the Public Utilities Board and another review was completed by Navigant Consulting Inc. for Nalcor.

MHI completed an extensive and detailed review of the load forecast methodology and load forecast accuracy. The key findings of MHI's review are included in MHI's "Report on Two Generation Expansion Alternatives for the Island Interconnected Electrical System, Volume I: Summary of Reviews" (NAL0018916). A more detailed load forecast review is provided in MHI's "Report on Two Generation Expansion Alternatives for the Island Interconnected Electrical System, Volume 2: Studies" (NAL0018917).

The Navigant Consulting Inc. review (NAL0018800) was prepared as part of a broader independent supply decision review for Nalcor. The summary conclusion by Navigant Consulting was that Nalcor's load forecast methodology was consistent with generally accepted utility practice and the base forecast for demand and energy growth was considered reasonable. This review is Exhibit 101 in conjunction with the Public Utilities Board Muskrat Falls Review.

There was one external review of the Planning Load Forecast for 2012 which was prepared during Decision Gate 3 process, "Review of the Muskrat Falls and Labrador Island HVdc Link and the Isolated Island Options" (NAL0018691). That review was part of a broader review of the Muskrat Falls and Labrador Island Link and the Isolated Island options completed by MHI for the Department of Natural Resources, Government of Newfoundland and Labrador. The key finding of both the Interconnected and Isolated Island load forecasts by MHI was that the load forecasts were considered to be well founded and appropriate as an input into the Decision Gate 3 process.

**Date Prepared:** June 8, 2018