

FFT Summary

New Brunswick Power Corporation (NB Power) Audit – November 2020

Entity	NBCRN	EUBVTN	Standard	Req	Compliance Issue	Risk Assessment	Mitigation Action
NB Power	NBCR001	2021007	TPL-001-4	R2	During a compliance audit that took place between November 2, 2020 and November 6, 2020, a potential noncompliance with TPL-001-4 R2 (VTN2021007) was discovered. TPL-001-4 R2 requires each Transmission Planner (TP) and Planning Authority (PA) to prepare an annual Planning Assessment of its portion of the BPS. For the Planning Assessment, the Long-Term Transmission Planning Horizon portion of the steady state analysis shall be assessed annually and be supported by a current study assessing expected System peak Load conditions for one of the years in the Long-Term Transmission Planning Horizon and the rationale for why that year was selected, supplemented with qualified past studies as indicated in Requirement R2, Part 2.6. NB Power failed to support the steady state analysis portion of the NB Power Annual Planning Assessments with a current study assessing	While the violation had a four-and-a-half-year duration, there are factors that reduce the risk. NB Power's annual ten-year load forecasts used to perform the 2016-2019 annual Planning Assessments, peak demand was forecasted to decrease through the Long-Term Transmission Planning Horizon. There were no generation additions or topology changes forecasted in the Long-Term Transmission Planning Horizon. These factors indicate that the annual steady-state analysis studies that were not performed were unlikely to identify additional performance requirement deficiencies requiring a Corrective Action Plan. No harm is known to have occurred.	To mitigate this issue: 1) NB Power completed a 2020 annual TPL-001-4 assessment including a complete long-term steady state contingency analysis study performed on year 10 [based on 2016] using a 2026 winter Peak base case. 2) NB Power established a new internal control in Compliance task system to remind Transmission Planning Engineer to explicitly perform all TPL-001 required studies each year without reliance on an 'in effect study' for a similar year.

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					expected System Peak Load conditions for one of the years in the Long-Term Transmission Planning Horizon and the rationale for why that year was selected. NB Power was not aware of its compliance obligation to annually perform a steady-state analysis study in support of its assessment of System peak Load conditions for one of the years in the Long-Term Transmission Planning Horizon. They relied on their “in effect study” for year ten rather than explicitly performing the year ten study for TPL-001-4 R2.2.		