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Interrogatories of Commission Staff

TO: Maritime Electric Company, Limited

FROM: Cheryl Mosher, Senior Financial Advisor

DATE: February 4, 2019

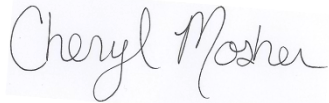
RE: November 29, 2018 Storm Post-Mortem

DOCKET: N/A

1. Both of the two main transmission lines [Y-111 and Y-109] failed within an hour of each other due to tree contact. What regular process of tree or branch removal exists to protect these transmission lines? To what extent is this different from the tree/branch removal process to protect distribution lines?
2. Was the failure of supply from New Brunswick at 8:54 a.m. on November 29, 2018, related to the initial failure of MECL's CT3 generator and its inability to dispatch generation to counteract loading on the remaining active NB generation system?
3. What caused the voltage on CT3 to be low and unable to be increased?
4. The Storm Post-Mortem indicates that the issues which caused the low voltage were addressed in December 2018. If CT3 was working at optimal levels for the November 29, 2018 storm, what affect would this have had on the restoration efforts?
5. Is the operation of CT3 necessary to start the CTGS units? Was CTGS used during this power outage?
6. What processes exist to verify, on a periodic basis, that CT3 is operational and capable of operating in the event of an Island-wide shutdown?
7. Do the four transmission lines feeding the Memramcook substation in New Brunswick share common support towers?

8. How many independent transmission lines run from the Memramcook substation to the submarine cables?
9. Is there any redundancy in the transmission system from Memramcook to the submarine cables? If yes, please provide full details. If no, please provide justification for the lack of redundancy.
10. The Storm Post-Mortem states that MECL was preparing for the impending storm for several days. Please provide full details of the preparations made by MECL.

Additional interrogatories may follow.

A handwritten signature in cursive script that reads "Cheryl Mosher". The signature is written in black ink on a light-colored background.

Cheryl Mosher, CA, CPA
Senior Financial Advisor
Prince Edward Island Regulatory & Appeals Commission