

# Appendix C

Email to Town of Charlottetown - July 5, 2022



From: Deanne Fisher/NLHydro  
To: ctown@nf.aibn.com  
Date: 07/05/2022 10:51 AM  
Subject: Re: Status Update for Charlottetown Supply

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Mayor Oran and Stewart,

Attached you will find the latest correspondence from Hydro to the PUB regarding Long -Term Supply for Southern Labrador . Note below are excerpts of the letter related to related to Charlottetown. Please do not hesitate to reach out should you require any further information.

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The Board's further correspondence to Hydro , dated May 19, 2022, asked that Hydro confirm whether it had completed all reasonable work to reinforce the mobile generating units in Charlottetown, and to advise whether there are additional steps to be taken considering the Board's continued determination that more information is required before the matter can proceed. The Board requested that Hydro provide an update on the efforts to maintain safe , reliable service to the Town of Charlottetown and Pinsent 's Arm while the application continues to be under review, as well as the of the additional information /expert guidance requested by the Board.

As Hydro noted in its April 26, 2022 correspondence, Hydro has completed all work that can reasonably be undertaken to reinforce the mobile generating units that have been acting as the interim solution for electrical service in Charlottetown since 2019. Although Hydro will continue with any necessary inspections and regular maintenance , including winterization of

the units in advance of any winter season for which they are providing service , a long-term supply solution must be decided upon and implemented to address the remaining concerns associated with the continued use of mobile generation in Charlottetown .

In light of the additional delay in implementation of a long -term solution in the area and the resulting impact on Charlottetown and Pinsent 's Arm, Hydro further evaluated whether there were options that would be reasonable in light of the requirement for an extended temporary solution. To this end, Hydro is investigating the possibility of purchasing additional mobile generation. This genset could be used in Charlottetown to further support reliable operation and could then be used for other purposes once the long -term solution for southern Labrador is implemented. Mobile generation is not the ideal solution for medium - or long-term utility power supply, due to safety concerns, such as limited physical space and arc-flash hazards; environmental concerns, such as low fuel efficiency and higher probability of fuel spills ; and reliability concerns, such as limited protection and control as well as lack of condition monitoring. The climate characteristics of the region add additional complexities for mobile generation in Charlottetown. However, with ongoing monitoring to mitigate as much as possible the known concerns, the incremental redundancy provided by additional mobile generation could assist with Hydro's ongoing commitment to provide safe , reliable service to the town. If Hydro determines that purchasing additional mobile generation is an appropriate step to take, Hydro will file a supplemental application setting out the full details and justification for the Board 's consideration.

Thanks  
Deanne



2022-06-21\_NLH\_LT Supply for S. Lab\_Response to Board Correspondence.pdf



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