

- 1 **Q. (Reference CA-NP-102) Is it possible that Newfoundland Power's thermal generation,**  
 2 **particularly those that are stationary, could become stranded owing to distributed**  
 3 **energy resources and/or non-wires alternatives?**  
 4
- 5 A. No, Newfoundland Power does not expect that its thermal generation will become  
 6 stranded owing to distributed energy resources (“DER”) and/or non-wires alternatives  
 7 (“NWA”).  
 8
- 9 Table 1 shows the years in service for each of the Company’s 4 stationary thermal  
 10 generation units.

**Table 1**  
**Stationary Thermal Generation Units**

Unit	Years in Service
Port aux Basques Diesel	52
Greenhill Gas Turbine	46
Wesleyville Gas Turbine	52
Mobile Gas Turbine #1 <sup>1</sup>	47

11 Newfoundland Power's stationary thermal generation units have been in service for  
 12 between 46 and 52 years and are approaching end of life. As a result, it is unlikely they  
 13 could become stranded due to DER or NWA.  
 14

15 Newfoundland Power also has 2 mobile thermal units that provide emergency  
 16 generation.<sup>2</sup> These units are deployed throughout the Company’s service territory and  
 17 can be in operation for extended periods of time. The flexibility provided by their mobile  
 18 nature makes DER and NWA solutions unlikely to replace these units.

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<sup>1</sup> Mobile Gas Turbine #1 is no longer considered mobile due to issues with the chassis and undercarriage as described in the *2018 Capital Budget Application, Report 1.2 Purchase Mobile Generation*, page 4, Section 4.

<sup>2</sup> Mobile Diesel Generator #3 was brought into service in 2004. Mobile Gas Turbine #2 was brought into service in 2019.