

1 Q. **Reference: CA-NLH-060**

2 Would carbon capture enable continued use of carbon fuels in specific cases, such as the use of
3 diesel gensets in isolated communities?

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6 A. In theory, carbon capture and sequestration technology may reduce or substantially eliminate
7 emissions from diesel generation; however, Newfoundland and Labrador Hydro (“Hydro”) is
8 unaware of any such technology that has been successfully implemented on isolated diesel
9 systems. The viability of carbon capture technology on isolated diesel systems would depend on
10 the maturity, technological limitations, and economics of the technology. Hydro notes that there
11 is no current provincial or federal legislation that necessitates the use of carbon capture to meet
12 emission targets from diesel generation; therefore, Hydro is unable to speculate on whether,
13 and to what degree, carbon capture may be viable to meet future legislative requirements.