

1 Q. Assuming completion in 2031, please provide the following information on the Avalon CT.

2 a) A tabular breakdown of expected total annual costs (annualized capital costs, fixed and
3 variable O&M costs, fuel costs etc.) over its depreciable life.

4 b) The calculation of the NPV of its lifetime costs.

5 c) The fuel cost per MWh for the Avalon CT compared to the fuel cost per MWh at the
6 Holyrood CT based on current fuel prices.

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9 A. a) Please refer to CA-NLH-018, Attachment 1.

10 b) Please refer to CA-NLH-018, Attachment 1.

11 c) The difference in fuel cost between the Avalon Combustion Turbine ("CT") and the Holyrood
12 CT is a function of the difference in heat rate, since they both are planned to operate on the
13 same diesel fuel. Heat rates can vary substantially with unit loading; the assumed heat rate
14 for the Avalon CT in the 2025 Build Application analysis was 9,167 GJ/GWh. A median value
15 for the Holyrood CT based on historic operations from 2019 to 2025 is approximately
16 15,740 GJ/GWh. Based on these heat rate assumptions, the cost per MWh of the Holyrood
17 CT would be approximately 1.7 times the cost per MWh of the Avalon CT. Please refer to
18 CA-NLH-018, Attachment 1, for the calculation of the fuel costs based on these assumed
19 heat rates.