

1 Q. If the response to Request for Information NP-NLH-3 is yes, why would the  
2 additional capacity to be added on the island not fulfill the current role of the  
3 Hardwoods Gas Turbine?  
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7 A. The additional capacity to be added is approximately the same capacity as the  
8 existing Hardwoods GT. As discussed in the response to NP-NLH-3, both the  
9 additional capacity to be added, along with Hardwoods, is required to avoid  
10 violating Hydro's generation planning criteria.

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12 The additional capacity to be added on the island could fulfill some of the current  
13 roles of the Hardwoods Gas Turbine. These include being operated as a  
14 synchronous condenser for voltage support of the transmission system on the  
15 Avalon Peninsula, and generating power under system peak and Avalon Peninsula  
16 emergency/contingency conditions. The unit could also be called upon to enable  
17 efficient operation of the Holyrood Thermal Generating Station (Holyrood)  
following major system disturbances.