

1 Q. Further to the response to PUB-NLH-395, please explain in detail why the
2 Annualized Cost of Generation (column a) used in Table 4.5, Island Interconnected
3 System Marginal Capacity Costs, are different from the values shown on TABLE B:
4 CA-NLH-033 Rev 1 provided in the response to IC-NLH-166, page 2 of 3, which are
5 understood to be more recent cost estimates.

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8 A. The forecasts of annualized cost of generation used in Table 4.5 and in TABLE B: CA-
9 NLH-033 (Revision 1, Dec 9-14) reflects changes in the estimated annualized costs
10 for a combustion turbine (CT) with the difference in the values between Table 4.5
11 and TABLE B: CA-NLH-033 (Revision 1, Dec 9-14) solely due to changes in the
12 estimated unit capacity costs (dollars per kW) of a CT. The installed unit capacity
13 cost for a CT that was used to determine the annualized costs of generation in Table
14 4.5 was estimated to be approximately \$1,500 valued in 2014 dollars and reflected
15 the cost per kilowatt of a single end 50 MW CT. The installed unit capacity cost for a
16 CT that was used to determine the annualized costs of generation in TABLE B: CA-
17 NLH-033 (Revision 1, Dec 9-14) was estimated to be approximately \$1,225 valued in
18 2014 dollars and reflected the cost per kilowatt for the full capacity of a double end
19 (2 X 60) MW CT. The approximate 20% reduction in estimated unit capacity costs
20 reflects the change in scale from a single end 50 MW CT to a double end (2 X 60)
21 MW CT and also reflects different point in time cost estimates. Please note that
22 Hydro updated its marginal cost model to include the lower unit capacity CT cost in
23 November 2014.