

1 Q. Please explain why the increase in Holyrood DAFOR results in increases hydraulic
2 generation for 2016 and 2017 as illustrated in Table 3 on page 17 of the ESRA
3 Report.

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6 A. The hydraulic generation values for 2016 through 2019, as illustrated in Table 3 on
7 page 17 of the ESRA Report, were based on a Vista DSS simulation. As noted, the
8 hydraulic generation is marginally higher for the higher Holyrood DAFOR for the
9 balance of 2016 and for 2017. However, for 2018 and 2019, hydraulic generation is
10 marginally lower for the higher Holyrood DAFOR case. Therefore, over the full
11 period of the simulation, the total hydraulic simulation differs by only 30 GWh, so it
12 is essentially equal.

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14 With a higher Holyrood DAFOR, Vista initially responds to the reduced Holyrood
15 energy capability by marginally increasing hydraulic generation. Less water is then
16 available in storage in the third and fourth year of the analysis and that leads to
17 lower hydraulic generation. Overall, with lower Holyrood generation and hydraulic
18 generation that is essentially equal, additional standby generation is required to
19 meet the customer load under a higher Holyrood DAFOR scenario.