

1 Q. In reference to sections 8.1 and 8.3 of the ESRA Report, please show the extent to
 2 which the acquisition of the 12 MW “black start” diesel units helps to avoid the
 3 requirement for advancement of the in-service date for TL267.

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6 A. Table 1 below is a reproduction of Table 11 – Advancement of TL267 from the
 7 Energy Supply Risk Assessment with the inclusion of the Holyrood diesels (10 MW).
 8 The addition of this capacity results in lower values for expected unserved energy in
 9 excess of planning criteria in Table 1 below when compared with Table 11 from the
 10 ESRA.

11

Table 1 - Advancement of TL 267 with inclusion of Holyrood Diesels

Advancement of TL267				
P90 Analysis				
Year	2016/17	2017/18	2018/19	2019/20
HRD DAFOR	Expected Unserved Energy in Excess of Planning Criteria (MWh)			
10%	-	-	-	-
14%	14	-	-	-
19%	427	-	-	-
24%	1098	124	199	254
HRD DAFOR	Incremental Annual Expected Outage Hours			
10%	-	-	-	-
14%	2,300	-	-	-
19%	71,200	-	-	-
24%	183,000	20,600	33,200	42,300

1 However, as evident from Table 13 – Retain Holyrood Diesels and Add 15 MW
2 Curtailable of the ESRA report, the addition of the Holyrood Diesels to the Island
3 Interconnected System does not sufficiently mitigate the risk of expected unserved
4 energy. As such, Hydro maintains that the advancement of TL267 is the best
5 alternative for supply risk mitigation.