

Q. Please provide additional sensitivities until 2021 with (1) the CTs at Hardwoods and Stephenville remaining at half capacity; (2) imports over Maritime Link and Labrador Island Link; and (3) Muskrat Falls delayed by an additional year.

A. Results for the requested additional sensitivities, with analysis extended to include Winter 2020/2021, are provided below:

Case (1) Hardwoods and Stephenville remaining at half capacity

Assumptions for this case include:

- TL267 in service Fall 2017
- Holyrood diesels included
- No interconnection to the North American grid

Table 1 - Case (1) results

P90 Analysis					
Year	2016/17	2017/18	2018/19	2019/20	2020/21
HRD DAFOR	Expected Unserved Energy in Excess of Planning Criteria (MWh)				
10%	-	-	-	-	-
14%	268	-	-	-	-
19%	968	105	173	227	266
24%	2077	473	599	696	767
HRD DAFOR	Incremental Annual Expected Outage Hours				
10%	-	-	-	-	-
14%	44,600	-	-	-	-
19%	161,300	17,400	28,900	37,900	44,400
24%	346,200	78,800	99,800	116,000	127,800

Case (2) Imports available over Maritime Link and Labrador Island Link:

Assumptions for this case include:

- TL267 in service Fall 2017
- Holyrood diesels included
- Labrador Island Link available Q2 2018 with recall power only
- Maritime Link available Q3 2017

Table 2 – Case (2) results

P90 Analysis					
Year	2016/17	2017/18	2018/19	2019/20	2020/21
HRD DAFOR	Expected Unserved Energy in Excess of Planning Criteria (MWh)				
10%	-	-	-	-	-
14%	14	-	-	-	-
19%	427	-	-	-	-
24%	1098	-	-	-	-
HRD DAFOR	Incremental Annual Expected Outage Hours				
10%	-	-	-	-	-
14%	2,300	-	-	-	-
19%	71,200	-	-	-	-
24%	183,000	-	-	-	-

Case (3) Muskrat Falls delayed by an additional year:

Assumptions for this case include:

- TL267 in service Fall 2017
- Holyrood diesels included
- Labrador Island Link available Q2 2018 with recall power only

Table 3 – Case (3) results

P90 Analysis					
Year	2016/17	2017/18	2018/19	2019/20	2020/21
HRD DAFOR	Expected Unserved Energy in Excess of Planning Criteria (MWh)				
10%	-	-	-	-	-
14%	14	-	-	-	-
19%	427	-	-	-	-
24%	1098	124	-	-	-
HRD DAFOR	Incremental Annual Expected Outage Hours				
10%	-	-	-	-	-
14%	2,300	-	-	-	-
19%	71,200	-	-	-	-
24%	183,000	20,600	-	-	-