

1 Q. **Reference: Labrador Expansion Study, pp. 17-18 (pp. 25-26 pdf)**

2 Preamble:

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4 Table 6 shows the capacity deficit for the Wabush Substation growing from 3.1 MVA in  
5 2018 to 5.3 MVA in 2043.

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7 Taking into account the response to LAB-NLH-76, please indicate the capacity deficits for  
8 the years 2018-2043 if the power ratings were calculated based on the distribution system  
9 classification used previously.

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12 A. Newfoundland and Labrador Hydro's response to LAB-NLH-076 does not pertain to this  
13 question. Table 1 shows the equivalent table indicating the remaining capacity for the years  
14 2018–2043 if the power ratings were calculated based on the distribution system  
15 classification used previously and a capacity of 25.5 MVA. Capacity is exceeded when the  
16 value in the Capacity Deficit column is negative.

Table 1: Forecasted Load and Remaining Capacity

Year	Forecasted Load (MW)	Forecasted Load (MVA)	Capacity Deficit (MVA) (-)
2018	23.3	23.7	1.8
2019	23.3	23.8	1.7
2020	23.3	23.8	1.7
2021	23.5	23.9	1.6
2022	23.6	24.1	1.4
2023	23.7	24.2	1.3
2024	23.8	24.3	1.2
2025	23.9	24.4	1.1
2026	24.0	24.4	1.1
2027	24.1	24.5	1.0
2028	24.1	24.6	0.9
2029	24.2	24.7	0.8
2030	24.3	24.8	0.7
2031	24.4	24.9	0.6
2032	24.5	25.0	0.5
2033	24.5	25.0	0.5
2034	24.6	25.1	0.4
2035	24.7	25.2	0.3
2036	24.8	25.3	0.2
2037	24.9	25.4	0.1
2038	25.0	25.5	0
2039	25.0	25.5	0
2040	25.1	25.6	-0.1
2041	25.2	25.7	-0.2
2042	25.3	25.8	-0.3
2043	25.4	25.9	-0.4