

1 Q. **Reference: IOC-NLH-008; IOC-NLH-010, Table 1; IOC-NLH-012; CA-NLH-008, Tables 1 and 2; Vol.**
2 **I, Schedule F 3.1E, I. 2 (PDF p. 297); Vol. I, Schedule A-II (PDF p. 212).**

3 Preamble:

4 IOC-NLH-010 derives the Labrador Industrial transmission coincident peak for the 2027 Test Year
5 by applying a coincidence factor of 94.13% to 317,000 kW to derive 298,387 kW, compared with
6 255,000 kW × 90.00% = 229,500 kW for the 2019 Test Year. IOC-NLH-008 identifies the increase
7 in the coincidence factor from 90% to 94% as a secondary driver of the higher class allocation
8 factor and refers to IOC-NLH-012 for the coincidence factor calculations; IOC-NLH-012 refers to
9 IOC-NLH-010, which presents the calculation steps but not the derivation of the 94.13% value.
10 CA-NLH-008, Table 2 reports actual winter coincidence factors for the Labrador Industrial class
11 of 90.6%, 89.7% and 89.9% for 2023, 2024 and 2025.

12 For each year 2019 through 2025, provide for the Labrador Industrial class each of the following:

- 13 a) the annual maximum non-coincident demand;
- 14 b) the class demand at the time of the Labrador Interconnected System peak; and
- 15 c) the resulting coincidence factor; and
- 16 d) state the definitions of numerator and denominator used for the “actual” factors
17 reported in CA-NLH-008, Table 2.

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20 A. For responses a) through c), please refer to Table 1 with the annual maximum non coincident
21 demand,¹ the Class Demand at the time of the Labrador System Peak, and the resulting
22 calculated coincident factor.

¹ As per Schedule A-II.

Table 1: Labrador Industrial Class Annual Data

Labrador Industrial Class	2019	2020	2021	2022	2023	2024	2025
Annual Maximum Non-Coincident Demand (MW) ²	301.1	298.8	299.9	297.0	297.7	310.1	303.9
Class Demand at Time of Peak (MW)	251.6	294.4	299.0	295.1	268.7	284.2	285.0
Coincident Factor	83.6%	98.5%	100%%	99.4%	90.3%	91.6%	93.8%

- d)** The numerator as noted in Newfoundland and Labrador Hydro’s response to CA-NLH-008 of this proceeding is the class demand at the peak time (the same data as noted above in Table 1: Labrador Industrial Class Annual Data). The denominator is the total power on order of the customer.

² Megawatt (“MW”).