

1 Q. **Reference: PUB-NLH-045**

2 Further to the response to PUB-NLH-045, it is stated feeder performance is impacted by other  
3 factors than asset condition including adverse environments, adverse weather, lightning and  
4 interference by foreign objects with the incident rate for such occurrences being 80% and asset  
5 condition being 20%. Please provide a breakdown of the contribution of each referenced  
6 category to the 80% incidence rate.

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9 A. A breakdown of the contribution of other factors which form the 80% incidence rate for  
10 Newfoundland and Labrador Hydro (“Hydro”) feeder performance is provided in Table 1.

**Table 1: 2022 Other Factors Incident Rates  
for Hydro Distribution Feeders**

<b>Other Factors</b>	<b>Incident Rates</b>
Adverse Environment	20%
Foreign Interference	7%
Human Element <sup>1</sup>	1%
Lightning	5%
Adverse Weather	22%
Unknown <sup>2</sup>	25%

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<sup>1</sup> Customer interruptions due to human interface with the system, examples of which include erroneous utility staff actions such as incorrect record keeping and incorrect use of equipment or protection settings; or deliberate equipment damage from members of the public.

<sup>2</sup> Customer interruptions due to circumstances which were initially unknown, but have since been identified and resolved upon further investigation.