EB-2021-0110

Hydro One Networks Inc.

Application for electricity transmission and distribution
rates and other charges for the period
from January 1, 2023, to December 31, 2027

OFA Interrogatories November 1, 2021

We respectfully submit that this may be an extension to and procedurally grouped with AMPCO Interrogatory B1-AMPCO-4 and B1-AMPCO-5.

Ref: Exhibit B‐1‐1 Section 1.7 Page 10

The asset needs assessment processes are structured to determine individual asset needs. The process relies on asset data, including condition, utilization, performance, obsolescence and other factors, and focusses on major equipment groups in … distribution (ex: station transformers, poles) that directly affect system reliability. This process drives effective planning decisions by ensuring a consistent view of asset information. As part of the preliminary needs assessment, asset condition and other factors are assessed against current and future requirements to identify investment candidates.

B1-OFA-1

1. Does mitigation of distribution system related uncontrolled ground current enter the investment planning process repair versus replace for distribution and transmission assets evaluations.
2. Considering record retention requirements in Section 4.7.7 of the Ontario Energy Board Distribution System Code, can Hydro One provide data on the condition of distribution system transformer assets in close proximity to either existing or concluded testing and mitigation of uncontrolled ground currents, as described in Sections 4.7.2, 4.7.3, and 4.7.4 of the Ontario Energy Board Distribution System Code performed by Hydro One Inc.’s Farm Rapid Response Team, including testing and or mitigation conducted in those instances where the ACC/ACV Threshold for testing and mitigation were not met but testing and or mitigation was conducted.

Distribution assets include Station Transformers, Connection Transformers, Conductors

Circuit Breakers, Protection and Control Systems, Insulators, Steel Structures, and U/G Cables.

Farm Rapid Response Team data includes, initial tested ACC/ACV, was mitigation taken, if mitigation undertaken, what was ACC/ACV after mitigation.