

## OESC Inspection - Supports or Barriers of Distributor-Owned Equipment

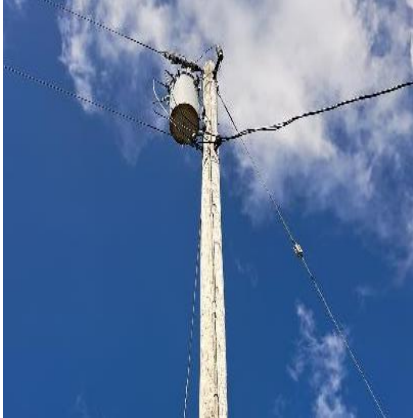
### Distribution Company Awareness

This bulletin provides information regarding OESC Scope and ESA Inspection of customer-installed (CI) equipment that is a support (electrical or mechanical) or a barrier of distributor-owned (DO) equipment.

OESC Scope Details – Electrical work and electrical equipment operating or intended to operate at all voltages, that are located on the distributor’s side of the ownership demarcation point are “not within the scope of the OESC”. Electrical work performed on the distributor’s side of the demarcation point is subject to Regulation 22/04.

ESA Inspection Details – ESA follows a risk-based oversight approach to determine when to visit a site and/or conduct an inspection. All electrical work within the OESC’s scope is required to be compliant with the OESC regardless of whether an ESA inspector visits the site based on Risk-Based Oversight (RBO).

### New Installations with Typical Ownership Demarcation Points

|                                                                                                                   |                                                                                                                     |                                                                                                                                               |
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|                                |                                  |                                                          |
| <p><b>Picture #1</b><br/><b>CI Pole (Support) &amp; DO Transformer</b></p> <p><b><u>Within OESC scope</u></b></p> | <p><b>Picture #2</b><br/><b>CI Duct (Barrier) &amp; DO Conductor</b></p> <p><b><u>Not within OESC scope</u></b></p> | <p><b>Picture #3</b><br/><b>CI Foundation &amp; Ground Loop (Support) &amp; DO Transformer</b></p> <p><b><u>Not within OESC scope</u></b></p> |

The following is guidance on when the installation is inspected by ESA. ESA Inspectors generally follow the information provided on the notification filed with ESA, if information is unknown the ESA Inspector would only inspect electrical work and electrical equipment within the OESC's scope, where the following two (2) conditions are met:

1. The equipment is installed on the customer-side of the ownership demarcation point; **and**
2. The equipment is above-grade equipment.

## ESA Recommends

Review, with staff, the following five examples.

Below are examples of installations that are within the OESC's scope. The ESA Inspector would typically inspect the equipment that is a support or barrier of distributor-owned equipment, as it is installed on the customer-side of the ownership demarcation point and the equipment is above-grade.

Example 1: Customer-installed poles and conductors with embedded distributor-owned transformers attached (**Picture #1**), installed on the customer-side of the ownership demarcation point.

Example 2: Customer-installed meter base with distributor-owned meter attached (customer-side of the demarcation point).

Below are examples of installations that are not inspected by the ESA Inspector, as the installations are not within OESC scope

Example 3: Customer-installed poles with distributor-owned conductors and transformers attached, installed on the distributor-side of the ownership demarcation point.

Example 4: Customer-installed duct (i.e. conduit) with distributor-owned cables inside them (**Picture #2**), installed on the distributor-side of the demarcation point.

Example 5: Customer-installed foundation and grounding with embedded distributor-owned pad-mounted transformer (**Picture #3**), installed on customer-side of the ownership demarcation point.

ESA also recommends that distributor staff be informed of the OESC's scope and ESA inspection details. If the distributor identifies electrical work or electrical equipment that is not inspected by the ESA Inspector and considers inspection necessary, the distributor should undertake the inspection.