

Mobile Generators - OESC and O.Reg. 22/04 Requirements

Distribution Company Awareness

This bulletin addresses Electrical Distributor requirements when installing distributed energy resources (DERs), such as mobile generators. Where, DER means a source of electric power that is not directly connected to a bulk power transmission system for either permanent or temporary usage on the Electrical Distributor's side of the ownership demarcation point.

For more information, see ESA's Guideline for Distributed Energy Resources (DER) on the ESA website.



ESA Direction

Regulation 22/04 – O.Reg. 22/04 applies when an Electrical Distributor is temporarily connecting a DER (e.g. mobile generator) to Electrical Distributor-owned equipment or customer-owned equipment at or ahead of the ownership demarcation point on the Electrical Distributor's side. O.Reg. 22/04 applies to all electrical equipment between the mobile generator and its connection. An example in which O.Reg. 22/04 applies is where the ownership demarcation point is normally at the secondary terminals of a padmounted transformer, and a mobile generator is temporarily connected to the customer-owned secondary cables at the ownership demarcation point.

Ontario Electrical Safety Code (OESC) - The OESC applies (including filing a notification of work, connection authorization, work performed by a Licensed Electrical Contractor, etc.) when any entity is temporarily connecting a DER (e.g. mobile generator) to customer-owned equipment beyond the ownership demarcation point on the customer's side. The OESC applies to all electrical equipment between the mobile generator and its connection. An example in which the OESC applies is where the ownership demarcation point is at the secondary terminals of a padmounted transformer and a mobile generator is temporarily connected to a customer-owned switchboard beyond the demarcation point on the customer's side.