

The OESC 28th Edition Proposals for Ontario Amendments

Proposal Number: 2021-OA-006

Rules 64-000 1), 64-002 and 64-900 to 64-908

Description of Change: Delete existing Ontario Amendment to CE Code Rule 64-000 1), Rule 64-002 Special Terminology – ESS and 64-900 to 64-908

Submitted by: Electrical Safety Authority

Background & Rationale:

Rule 64-000 1) and 64-002 in the CE Code 2021 has been revised to adopt the wording and/or special terminology from OESC 2018 Rule 64-000 1) and 64-002 rendering these amendments no longer required.

Rules 64-900 to 64-928 in the CE Code 2021 have been added that cover the requirements in the OESC 2018 Rules 64-900 to 64-908

Proposed Change:

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Delete Rule 64-000 1)

~~1) This Section applies to the installation of renewable energy and energy storage systems except where the voltage and current are limited in accordance with Rule 16-200 1) a) and b).~~

Delete Special Terminology 64-002 - ESS

~~Energy storage systems (ESS) — equipment or systems that receive electrical energy and provide a means to store that energy in some form for later use in order to supply electrical energy when needed.~~

~~Energy storage systems, self-contained — energy storage systems where the components such as cells, batteries, or modules and any necessary controls, and ventilation, illumination, fire suppression, or alarm systems are assembled, installed, and packaged in a single energy storage container or unit.~~

~~Energy storage systems, other energy storage systems that are not self-contained but are individual devices assembled as a system.~~

Delete Rules 64-900 to 64-908

~~Energy storage systems~~

~~64-900 General (see Appendix B)~~

~~Rules 64-050 to 64-078 shall apply to energy storage systems, except where otherwise specified.~~

~~64-902 Interactive point of connection~~

~~The output of interactive energy storage systems shall be permitted to be connected in accordance with Rule 64-112.~~

~~64-904 Voltage of energy storage systems~~

~~Energy storage systems with maximum voltages higher than 750 V dc but not exceeding 1500 V dc shall not be required to comply with Rules 36-204, 36-208, and 36-214 provided that~~

- ~~a) the installation is serviced only by qualified persons;~~
- ~~b) the part of the installation exceeding 750 V dc is inaccessible to the public; and~~
- ~~c) enclosures in which circuits exceeding 750 V dc are present are marked with the word "DANGER" followed by the maximum rated circuit voltage of the equipment.~~

~~64-906 Battery installations~~

~~Batteries installed as part of energy storage systems that are not self-contained shall meet the requirements of Rule 64-800 to 64-814.~~

~~64-908 Facilities with energy storage systems~~

~~1) Any structure or building with an energy storage system shall have a conspicuous, legible, and permanent marking or directory installed on the exterior of the building or structure at a location acceptable to the Electrical Safety Authority.~~

~~2) The plaque or directory required by Subrule 1) shall indicate the location of system disconnecting means and that the structure contains energy storage systems.~~