

Solar Photovoltaic and Ontario Electrical Safety Code Requirements



ESA offers Electrical Apprentices, Electricians, Electrical Contractors, PV Installers, Electrical Designers and Electrical Engineers a ½ day on-site training course. Ask your Client Safety Specialist for details.

Learn the Ontario Electrical Safety Code requirements and Electrical Safety Authority directions for solar photovoltaic installations and equipment.



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CEU Accreditation: 0.4

MECP Course ID: 14855

LEARNING OBJECTIVES:

Define the special terminology used in Section 64.

Identify the components within a solar photovoltaic system and be able to apply the Ontario Electrical Safety Code rules.

Make proper use of grounding and bonding techniques.

Observe and apply the requirements regarding supply authority disconnects and electricity meters.

Compare systems that utilize ac modules and micro-inverters vs dc modules.



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*Training is a non-regulatory service offered by the Electrical Safety Authority (ESA).
For more information visit
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MISSION: Improve electrical safety for the well-being of the people of Ontario.

VISION: An Ontario where people can live, work and play safe from electrical harm.

FORM 1658 (02/08/21)

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TOPICS:

- Scope
- General systems overview
- Special terminology
- General
- Solar photovoltaic systems
- Inverters
- Grounding and bonding
- Supply authority disconnects
- Electricity meters
- AC modules and micro-inverters

WHAT TO BRING:

- Ontario Electrical Safety Code (27th Edition) – You are required to bring the 2018 Ontario Electrical Safety Code book with you to the course.
- Pen, pencil, highlighter
- Calculator
- Ontario Electrical Safety Code Bulletins

REGISTRATION FEES:

- Half-day public (Classroom) course: \$164.00 + applicable taxes, per person
- To request a quote for a private course, contact a Client Safety Specialist at CSS.ContactUs@electricalsafety.on.ca
- \$10 CSA National Code License Fee + applicable taxes, applies per person
- Training registration cancellation requests will be subject to a refund processing fee of \$28 + applicable taxes.

PLEASE NOTE: This course does not attempt to render engineering or other professional services. If such services are required, the assistance of an appropriate professional should be sought.

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