

PHOTOVOLTAIC SYSTEM INSTALLATIONS

QUALIFIED PERSON REQUIREMENTS

Systems Up To 2 MW

NFPA 70: National Electrical Code

Article 100-Definitions

Qualified Person. One who has skills and knowledge related to the construction and operation of the electrical equipment and installations and has received safety training to recognize and avoid the hazards involved.

Informational Note: Refer to NFPA 70E-2012, *Standard for Electrical Safety in the Workplace*, for electrical safety requirements.

Article 690-Photovoltaic Systems

690.4(C) Qualified personnel. The installation of equipment and all associated wiring and interconnections shall be performed only by qualified persons.

Informational note: See article 100 for the definition of *qualified person*.

Article 705-Interconnected Electric Power Production Sources

705.8 System Installation. Installation of one or more electrical power production sources operating in parallel with a primary source(s) of electricity shall be performed only by qualified persons.

Informational note: See article 100 for the definition of *qualified person*.

Requirements

Photovoltaic Systems Training
Electrical Construction Training
NFPA 70E Training
Fall Protection Training
OSHA Training

One of the following is required:

1. Completion of a least 5 installations, or
2. Completion of DOL Registered Electrical Apprenticeship Program, or
3. Maintaining a NABCEP PV Installation Professional (PVIP) certification or equivalent,
4. Completing an Associate in Applied Science degree from an Illinois Community College Board approved community college program in the appropriate distributed generation technology.

Illinois Commerce Commission

Title 83: Public Utilities

Part 468: Distributed Generation Installer Certification

Section 468.20 Definitions

Qualified Person. A person who performs installations on behalf of the certificate holder and who has either satisfactorily completed at least five installations of a specific distributed generation technology or has completed at least one of the following programs requiring lab or field work and received a certification of satisfactory completion: an apprenticeship as a journeyman electrician from a DOL registered electrical apprenticeship and training program; a North American Board of Certified Energy Practitioners (NABCEP) distributed generation technology certification program; an Underwriters Laboratories (UL) distributed generation technology certification program; an Electronics Technicians Association (ETA) distributed generation technology certification program; or an Associate in Applied Science degree from an Illinois Community College Board approved community college program in the appropriate distributed generation technology.

Requirements listed in the center section of this document reflect the requirements specified by the National Electrical Code (**GREEN**), and the Illinois Commerce Commission Title 83 Part 468: Distributed Generation Installer Certification (**BLUE**).

Joint Committee on Administrative Rules
ADMINISTRATIVE CODE

TITLE 83: PUBLIC UTILITIES
CHAPTER I: ILLINOIS COMMERCE COMMISSION
SUBCHAPTER c: ELECTRIC UTILITIES
PART 468 DISTRIBUTED GENERATION INSTALLER CERTIFICATION
SECTION 468.60 CERTIFICATION REQUIREMENTS

Section 468.60 Certification Requirements

An applicant shall be certified if its application satisfies the following requirements:

- a) The applicant certifies that it will remain in compliance with all applicable laws and regulations and Commission rules and orders, including, but not limited to, the requirements of Sections 16-128(a) and 16-128A of the Act and this Part.
- b) The applicant certifies that it will ensure that its employees, agents or contractors, or the employees, agents or contractors of any entity, agent or contractor with which it has contracted to perform those functions within the State of Illinois, shall:
 - 1) Comply with applicable building and electrical codes, including those contained in the NEC;
 - 2) Comply with the distributed generation facility manufacturer's installation instructions;
 - 3) Install only distributed generation facilities that meet recognized industry standards; and
 - 4) Ensure that all obligations required under this Part and Sections 16-128(a) and 16-128A of the Act are met prior to placing into, or returning into, use any distributed generation facility that the certificate holder installed.
- c) The applicant certifies that it will comply with applicable licensing and municipal bonding requirements to do business in the State of Illinois.
- d) The applicant certifies that every installation of a distributed generation facility will be performed only by:
 - 1) a qualified person; or
 - 2) an electrical contractor who is not a qualified person, provided he/she is directly supervised by a qualified person; or
 - 3) a person who is not a qualified person but is enrolled in a training program that, upon satisfactory completion, will meet the requirement to become a qualified person provided he/she is directly supervised by a qualified person.
- e) The applicant certifies that it is licensed to do business in the State of Illinois.