

ARTICLE 691

LARGE-SCALE PHOTOVOLTAIC (PV) ELECTRIC SUPPLY STATIONS

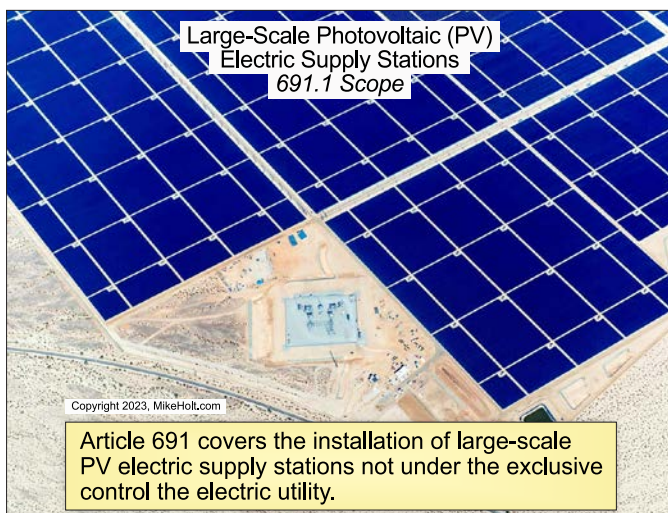
Introduction to Article 691—Large-Scale Photovoltaic (PV) Electric Supply Stations

The general requirements for solar photovoltaic (PV) systems are covered by Article 690. This article defines what a large-scale photovoltaic system is and the additional requirements that must be met to take advantage of the alternative design and safety features unique to large systems. Large-scale PV systems are privately owned PV systems operated solely to provide electricity to a regulated electric utility as compared to the Article 690 systems that may be operated to provide power to the end user, electric utility, or a combination of both. Large-scale photovoltaic (PV) electric supply stations require a careful documented review of the design by an engineer to ensure safe operation and compliance with the applicable electrical standards and industry practices.

691.1 Scope

Article 691 covers the installation of large-scale PV electric supply stations not under control of an electric utility. ▶Figure 691-1

Note 1: Facilities covered by this article have specific design and safety features unique to large-scale PV facilities outlined 691.4 and are operated for the sole purpose of providing electric supply to a system operated by a regulated electric utility for the transfer of electric energy.



▶Figure 691-1