

ARTICLE 705

INTERCONNECTED ELECTRIC POWER PRODUCTION SOURCES

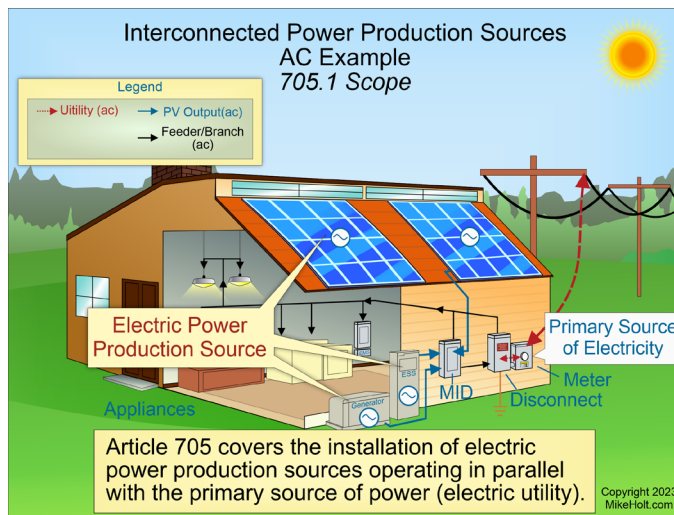
Introduction to Article 705—Interconnected Electric Power Production Sources

Article 705 covers the requirements for the interconnection of PV systems [690], electric vehicles [625] energy storage systems ESS [706], and optional standby system generators [445 and 702] in parallel with the electric utility.

Part I. General

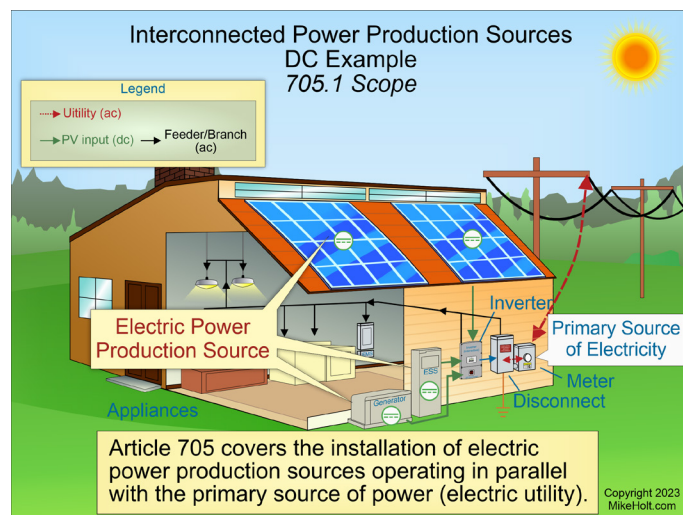
705.1 Scope

This article covers the installation of electric power production sources (PV, ESS, generator) operating in parallel with the primary source of power (electric utility). ▶Figure 705-1 and ▶Figure 705-2



▶Figure 705-1

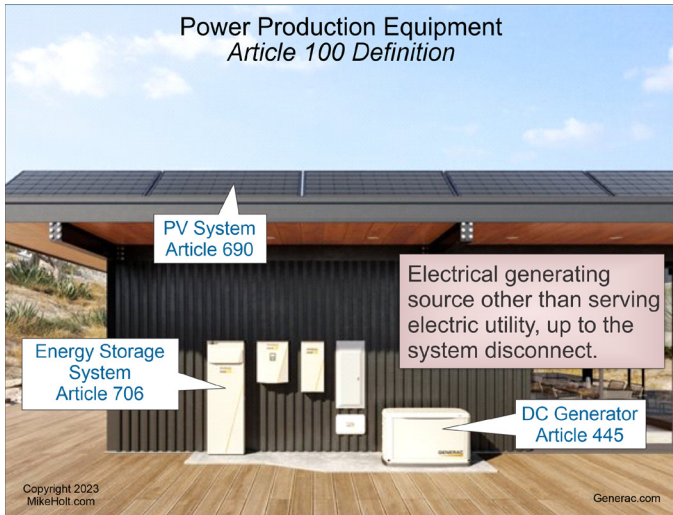
Note 1: The primary source of power typically includes the electric utility or it can be an on-site power source.



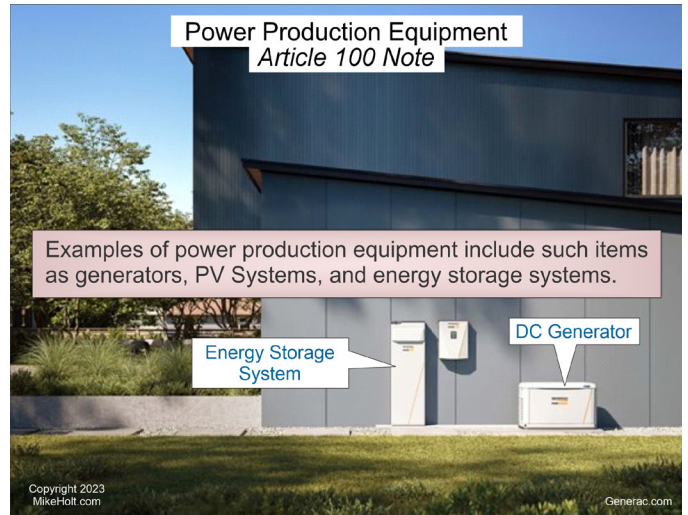
▶Figure 705-2

According to Article 100, “Power Production Equipment” is electrical generating equipment up to the system disconnect supplied by any source of electrical power (PV, ESS, generator) other than the electric utility. Examples of power production equipment include such items as generators, PV Systems, and energy storage systems. ▶Figure 705-3 and ▶Figure 705-4

A “Primary Source” is the main source of power in an electric power system.



►Figure 705-3



►Figure 705-4