

TECHNICAL NOTIFICATION



Title: 2017 NEC - 690.46 & 250.120 For New Equinox Solar Installations

Date: May 18, 2020

Authors: Quality Assurance Team, SunPower Training Team, SunPower Design

Overview

During SunPower's quality audits for SunPower Equinox installations across the nation, we are still noticing that #10AWG sized wire is being used as the solar racking EGC that enters the j-box to be spliced.

At SunPower, we would like to remind that NEC2017 requires all EGC wires smaller than #6AWG to be protected in conduit. Please reference code sections 690.46 and 250.120.

For SunPower financed Lease and Loans, we have a liability that we need to protect. Therefore, for all Lease and Loan installations, SunPower is requiring compliance to code sections 690.46 and 250.120 to completing the bonding of the array. This applies even if your local AHJ is using an older version of the NEC code which is more ambiguous.

SunPower will be enforcing this immediately. As such whenever we see an EGC smaller than #6AWG not being protected during a SunPower Quality Audit, SunPower will require the site to be repaired. The cost of the truck roll, materials and labor to perform this work will be the burden of the dealer.

Please share this notification with all relevant stakeholders in your operation.