

DOCKETED

Docket Number:	18-BSTD-02
Project Title:	2019 ENERGY CODE COMPLIANCE MANUALS
TN #:	224383
Document Title:	Wayne Stoppelmoor Comments Section 7.11 – Main Electrical Service Panel
Description:	N/A
Filer:	System
Organization:	Wayne Stoppelmoor
Submitter Role:	Public
Submission Date:	8/3/2018 8:27:51 AM
Docketed Date:	8/3/2018

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Submitted On: 8/3/2018
Docket Number: 18-BSTD-02*

Section 7.11 – Main Electrical Service Panel

Our comments are shown in red in the attached document. They provide additional assistance for installing main electrical service panels for use in complying with the new photovoltaic system requirement.

Additional submitted attachment is included below.

7.11 Main Electrical Service Panel

§110.10(e)

This requirement applies only to single-family residential buildings. The main electrical service panel must have a minimum Busbar rating of 200 amps. The panel must also include space to install a double-pole circuit breaker in the future, if one is not installed during construction. These items are required to simplify the possible future installation of a solar electric system.

Line side taps may be utilized for power from the solar electric system provided the taps are factory installed in the panelboard. To prevent voiding UL listings or manufacturer warranties, third party devices, field tapping, or alterations to bussing or conductors shall not be allowed. The main electrical service panelboard must have space and accessibility to install current transformers around incoming conductors to the main circuit breaker without tampering with the utility compartment of the panelboard.