



Chandler - Arizona
Where Values Make The Difference

Solar Review Checklist Commercial Photovoltaic System

Submittal Requirements:

- A. One Building Permit Application.
- B. Four copies of plans to include:
- Roof and site plan with location of PV installation.
 - Roof plan and site plan showing location of building in relation to street and property lines.
 - Plan indicating location of major equipment.
 - Array configuration shown on roof plan meeting the requirements of the 2012 International Fire Code section 605.11.
 - Structural plans prepared and sealed by a State of Arizona registered engineer for support and uplift of PV panels.
 - Mounting details for PV panel installation.
 - Weight of array.
 - Attachment method indicated.
 - Electrical one-line and three-line diagram, prepared and sealed by a State of Arizona registered electrical engineer.
 - Array wiring size and type.
 - Equipment grounding.
 - Disconnect – DC and AC.
 - Conduit size and type.
 - Clearly indicate all areas where conduit is run on the interior and those areas that are exterior.
 - Inverter specified.
 - Notes on one line diagram or roof plan showing location and verbiage of all signs required to be posted in compliance with the 2011 National Electrical Code Article 690 as of August 1, 2013.
 - Manufacturer's cut sheets for all components
 - Cut sheets for solar panels listed UL1703 per IBC 1507.17.1, tested per ASTM D 3161 per IBC 1507.17.3, and shall have the same fire classification of the roof assembly per IBC 1505 and IBC 1509.7.2.
 - Cut sheets for inverter.
 - Cut sheets for mounting system.
 - Cut sheets for DC combiner (if applicable).

SRP/APS approval is required prior to submitting for a building permit for all grid-tie systems.

Fees are currently \$50 per hour permit/inspection. Minimum staff time is 3 hours.

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