

SUPPLEMENTARY INFORMATION

Diagram Requirements (UFI) Up Front Incentive systems - Residential & Non-Residential

The diagrams must be site specific regarding the information requested below, without extraneous information. All diagrams are to be professionally and neatly drawn, use only black print on white paper, diagrams are not to be in color or shaded. Free hand drawn, photocopies, and faxed diagrams will not be accepted by APS. All diagrams must include the project name and street address and include diagram revision numbers and dates, in a title block like shown on the APS sample Diagrams. Please no copyrighted diagrams.

Site Plan: (preferable size: 8 ½" x 11", maximum: 11"x17")

Diagram must show the arrangement of the major equipment, including the electric service entrance section and utility meter, location of the inverter, Utility Disconnect Switch and any lock-boxes, etc. Include building structure location and any walls, fences and gates etc, to clearly indicate unobstructed access to APS equipment and Utility Disconnect Switch. Also please show any obstructions that may shade the PV system. (eg. Trees, roof overhangs, etc.)

Electrical Three-Line Diagram: (preferable size: 8 ½" x 11", maximum: 11"x17")

Diagram(s) must show generation source (eg. photovoltaic panels, wind generator, etc.) and any associated DC electrical components, inverter(s), any combiner panels, metering, Utility Disconnect Switch, as well as electric service entrance, Utility meter, connection point(s) of facility load(s), and any other major electrical components and associated wiring. Diagram(s) must show detailed phase wiring of all electrical equipment as specified, as well as all neutral and ground conductors and connections.

Please note: Sample Diagrams are posted to our website at www.aps.com/GoSolar, that indicate the level of detail and the type of information, and the quality that is required on the diagrams for a typical inverter-based system. The website also has the APS Interconnection Requirements, and FAQ specifically pertaining to interconnection related questions. If you have any questions you would like to talk with us about directly, please call 602-328-1924 for assistance. (Email address is renewables@aps.com)