



RESIDENTIAL INTERCONNECTION APPLICATION

Criteria for Customer Site Inspection

The intent of providing you with site inspection criteria is to alert you to the elements that will be included in the APS interconnection field inspection. This is the same checklist that our APS Interconnection Specialists use in the field.

1	APS has provided caution possible backfeed label under APS billing meter	Yes	No
2	APS personnel have unobstructed, unrestricted 24 hour access to the Utility Disconnect switch per approved site plan.	Yes	No
3.	SES, PV kWh meter and breakers are all labeled as possible Backfeed sources. The labels are Micarta labels	Yes	No
4	Placed electric shock warning label and utility disconnect label on the Utility Disconnect switch or verified they are in place.	Yes	No
5	Utility Disconnect switch is grounded	Yes	No
6	Utility Disconnect switch is visibly open	Yes	No
7	Utility Disconnect switch has no fuses (unless it is a supply side tap)	Yes	No
8	Utility Disconnect switch is properly wired	Yes	No
9	GEC (Ground Electric Conductor) is present	Yes	No
10	Utility Disconnect is not used as a raceway for wiring to other components	Yes	No
11	Put APS lock on Utility Disconnect switch	Yes	No
12	Utility disconnect switch has not been modified to accommodate the APS lock	Yes	No
13	Utility Disconnect switch handle can be locked in the OFF position	Yes	No
14	Dedicated kWh meter turns in the correct direction normally forward rotation	Yes	No
15	Dedicated kWh meter is grounded	Yes	No
16	Dedicated kWh meter is not used as a raceway for wiring to other Components	Yes	No
17	Can you verify the size and UL listing of the inverter?	Yes	No
18	Combiner box has a label affixed that states no loads should be added to the panel (only if combiner box is present)	Yes	No
19	Combiner box does not have any added loads (only if combiner box is present)	Yes	No
20	Do azimuth and tilt angles and shading information from the Interconnection Application appear to be consistent with what you observe in the field?	Yes	No
21	Tagged transformer?	Yes	No

Witness System Shutdown Test -

Inverters are automatically disconnected from the source in less than 1 second upon loss/simulated loss of power to inverter.