



## SRP Residential Distributed Energy Resource (DER) Inspection and Commissioning Checklist

Date: \_\_\_\_\_

Customer Name: \_\_\_\_\_

Address: \_\_\_\_\_

Inspector: \_\_\_\_\_

Solar Company: \_\_\_\_\_

Failed Inspection      No Show

Solar  Battery  Both  Expansion

2<sup>nd</sup> Visit  3<sup>rd</sup> Visit  \*

Note: No DER installation is to begin prior to preconstruction meeting and/or design approval from SRP. All standards associated with DER installations can be found at <https://www.srpnet.com/ELECTRIC/BUSINESS/SPECS/ESS.ASPX>. \*A fee of \$203 will be imposed if the DER installation requires a third inspection/ commissioning visit by SRP.

**NOTES:**

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INSPECTION REQUIREMENT	YES	NO	N/A	COMMENTS
<b>1. Equipment Location and Clearances</b>				
a. Equipment is built per electrical diagram in accordance with SRP's DGIH. Device locations are according to site plan.				
b. Service entrance section, disconnect switch and meter sockets are accessible and adjacent within 10' of each other without a visual obstruction unless signage is provided (see DGIH Section 2-5-5 Note10) for labeling requirements.				
c. Disconnect switches and meter sockets maintain proper clearances and work space.				
d. Center of all meter sockets are located between 4' and 6'3" from the final grade.				
<b>2. Check Equipment</b>				
a. Meter Socket meets specifications (are on SRP's pre-approved list). Disconnect clearance to operate handle and door required.				
b. Meter sockets and/or disconnect switches are not used as a raceway for wiring or communication cables to other components.				
c. Disconnect switches and meter sockets are securely attached to the wall or structure.				
<b>3. Wiring &amp; Taps</b>				
a. No load taps exist between the dedicated DER meter and the DER generation or storage system unless an open transition switching scheme exists between the DER system and SRP's grid. See Scheme Setups in DGIH.				
b. All/Any taps do not result in any modifications to any factory installed equipment and/or components, unless expressly authorized by manufacturer and/or listing agency and performed in strict accordance with the manufacturer's directions/specifications.				
c. Supply-side Tap two piece and Load Side Tap connections shall be made with a mole bar assembly connector (e.g., Utilico, Homac, Polaris or equivalent) designed and rated for this application. Supply-side taps not allowed on all-in-one service equipment unless re-listed.				
4. Labeling complies with DGIH 2-5-4 through 2-5-6, Contractor-Supplied Material Section.				
<b>5. COMMISSIONING REQUIREMENT</b>				
1. System Test - Sequence of Operation provided with original submittal (20kW and Higher systems only).				
2. System polarity and meter rotation verified as correct.				
3. Backfeed test performed and confirms no backfeed.				