Simplified Central/String Inverter System for One- and Two-Family Dwellings

**SOLAR PV MODULE / STRING**

- DC/DC CONVERTERS INSTALLED?: YES / NO (IF YES, STEPS 6 & 8 REQUIRED)
- SOURCE CIRCUIT JUNCTION BOX INSTALLED?: YES / NO
- SEPARATE DC DISCONNECT INSTALLED?: YES / NO
- INTERNAL INVERTER DC DISCONNECT?: YES / NO
- CENTRAL INVERTER LOAD CENTER INSTALLED?: YES / NO
- PV PRODUCTION METER INSTALLED?: YES / NO
- SEPARATE AC DISCONNECT INSTALLED?: YES / NO

Check a box for whether system is grounded or ungrounded:
- **GROUNDED (INCLUDE GEC)**
- **UNGROUNDED**

For ungrounded systems:
- DC OCPD MUST DISCONNECT BOTH CONDUCTORS OF EACH SOURCE CIRCUIT
- UNGROUNDED CONDUCTORS MUST BE IDENTIFIED PER 210.5(C). WHITE-FINISHED CONDUCTORS ARE NOT PERMITTED.

* Consult with your local AHJ and/or Utility

**CONDUCTOR/CONDUIT SCHEDULE**

<table>
<thead>
<tr>
<th>TAG</th>
<th>DESCRIPTION</th>
<th>CONDUCTOR SIZE</th>
<th>NUMBER OF CONDUCTORS</th>
<th>CONDUIT/CABLE TYPE</th>
<th>CONDUIT SIZE</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>USE-2 □ OR PV-WIRE □</td>
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<tr>
<td>B</td>
<td>EGC/GEC:</td>
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Enter "N/A" WHERE SUITABLE FOR WHEN NOT USING CONDUIT OR CABLE AS PERMITTED BY CODE

If DC/DC CONVERTERS ARE USED, CHECK THE BOX BELOW THE CORRESPONDING CONFIGURATION

- PARALLEL DC/DC CONVERTERS ON ONE SOURCE CIRCUIT (FIXED UNIT VOLTAGE DC/DC CONVERTERS)
- DC/DC CONVERTERS ARE ALL RUN IN SERIES (FIXED SOURCE CIRCUIT VOLTAGE DC/DC CONVERTERS)