

Site Information (Permit #, Name, Address): _____

Array Checklist:

<input type="checkbox"/> Modules match plans	<input type="checkbox"/> Electrical boxes accessible, suitable terminations
<input type="checkbox"/> Proper wire management	<input type="checkbox"/> Strain relief
<input type="checkbox"/> PV modules properly grounded	<input type="checkbox"/> Array fastened and sealed according to plans
<input type="checkbox"/> Array structure properly grounded	<input type="checkbox"/> Check conductors ratings and sizes
<input type="checkbox"/> Modules clamped on long sides, not short side	

Ground-Mounted Array Checklist:

<input type="checkbox"/> Foundation review	<input type="checkbox"/> Additional array electrode
<input type="checkbox"/> Mounting structure review	<input type="checkbox"/> Attachments according to plans
<input type="checkbox"/> Structure properly bonded	<input type="checkbox"/> Wiring not readily accessible

Appropriate Signage:

<input type="checkbox"/> Durable material?	<input type="checkbox"/> AC power specs at interconnection point (690.54)
<input type="checkbox"/> DC disconnect "live on both sides" (690.17)	<input type="checkbox"/> AC disconnect location (690.56(B))
<input type="checkbox"/> If no micro-inverters: DC power specs (690.53)	

Equipment Ratings:

<input type="checkbox"/> Inverter max voltage > array max voltage	<input type="checkbox"/> AC breaker > 1.25 x inverter rated current
<input type="checkbox"/> DC fuse rating > array max voltage	<input type="checkbox"/> AC breaker < inverter max allowed
<input type="checkbox"/> DC disconnects VDC > array max voltage	<input type="checkbox"/> AC disconnects wired GRID to LINE
<input type="checkbox"/> DC disconnects wired PV to LINE, break twice if applicable	<input type="checkbox"/> Supply breakers < 120% of busbar rating
<input type="checkbox"/> Inverter voltage rating = site voltage	<input type="checkbox"/> Inverter not in direct sunlight

Misc. Equipment Wiring:

<input type="checkbox"/> GEC from inverter to GE or grounding bus (250.166)
<input type="checkbox"/> Grounding conductor into inverter, EGC and GEC out
<input type="checkbox"/> Grounded conductors marked white
<input type="checkbox"/> > 2 DC source circuits? Each circuit fused
<input type="checkbox"/> Array grounding wire suitable for outdoor use
<input type="checkbox"/> OUC PV production meter: #4 visible ground