NAUGATUCK VALLEY
COUNCIL of GOVERNMENTS
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Local Solar Inspection Checklist for the Naugatuck Valley Region

Applies to installations under 1MW.
This checklist is intended as a guideline. Please reference the NEC and IRC for updated code information.

1. Ensure all PV disconnects and circuit breakers are in the open position before beginning work.
2. PV module model number, quantity, and location are according to the approved plan.
3. Array mounting system and structural connections are according to the approved plan.
4. Roof penetrations flashed/sealed according to the approved plan.
5. Array exposed cables are properly secured, supported, and routed to prevent physical damage.
6. Conduit installation according to NEC 690.31(A) and the approved plan.
7. Firefighter access according to IRC R324.7 and the approved plan.
8. Roof-mounted PV mounting system and modules have sufficient fire classification [IRC R324.6.1].
9. Grounding/bonding of rack and modules according to the manufacturer's instructions.
10. Equipment installed, listed, and labeled according to the approved plan (e.g., PV modules, inverters, dc-to-dc converters, rapid shutdown equipment).
11. For grid-connected systems, inverter is marked "interactive" or documentation is provided to show that inverter meets utility interconnection requirements.
12. Conductors, cables, and conduit types, sizes, and markings according to the approved plan.
13. Overcurrent devices are the type and size according to the approved plan.
14. Disconnects according to the approved plan and properly located as required by the NEC.
15. Inverter output circuit breaker is located at opposite end of bus from utility supply at load center and/or service panelboard. If panel is center-fed, inverter output circuit breaker can be at either end of busbar [NEC 705.12(B)] (not required if the sum of the inverter and utility supply circuit breakers is less than or equal to the panelboard bus rating).
16. PV system markings, labels, and signs according to the approved plan.
17. Connection of the PV system equipment grounding conductors according to the approved plan.
18. Access and working space for operation and maintenance of PV equipment such as inverters, disconnecting means and panelboards (not required for PV modules) [NEC 110.26].
19. The rapid shutdown system is installed and operational according to the approved plan [NEC 690.12].
20. Assure all markings are permanently secured in place required by NEC.