



PHOTOVOLTAIC (PV-SOLAR) PLAN REVIEW CHECKLIST

Revised 8/2020 gl

PV-SOLAR ELECTRICAL PLAN REVIEW REQUIREMENTS

Electrical Plan Reviews are based on the Currently Adopted edition of the National Electrical Code. Based on the recommendations of the International Code Council in order to perform a thorough Electrical Plan Review, the following specifications, drawings, and details should be submitted:

- 1) Completed signed and sealed (as required by applicable Statutes and Agency Rules) plans and specifications of all electrical work.
- 2) A site plan including the following information:
 - a. Indicate which direction is North.
 - b. Label all streets adjoining property.
 - c. Size and location of all new construction, all existing structures on the site and any easements or right of ways.
 - d. Distances from lot lines to new construction and to any existing buildings or structures.
 - e. Dimensions of property line to property line.
 - f. Ground mount array location(s), including number of PV modules and rows.
 - g. Roof mount array location(s) including number of PV modules, rows, access pathways.
- 3) Single line diagram indicating all electrical equipment: including inverters, motor generators, PV modules, ac modules and ac module systems, dc combiners, dc-to-dc converters, rapid shutdown equipment, dc circuit controllers, charge controllers, panel boards, disconnects, conductors, panel schedules, and service equipment.
- 4) Labeling criteria diagram of all electrical equipment .
- 5) Details showing grounding electrodes, bonding of the grounding electrode system and the size of all grounding conductors.
- 6) Specifications to include requirements for:
 - a. Wire, cable, raceway and conduit.
 - b. Electrical boxes, connections, fittings and installation.
 - c. Electrical wiring devices.
 - d. Electrical identification.
 - e. Service details.
 - f. Overcurrent protection and grounding.
 - g. Array, panel, racking details.
 - h. Rapid shutdown.

Please use the following link to apply for a State of Wyoming Solar/Electrical Permit:
<https://wyelectrician.imagetrendlicense.com/lms/public/protal#/login>

INCOMPLETE SUBMITTALS WILL NOT BE ACCEPTED