



2026 DG Drawing Checklist



Site Plan

(Required for all projects)

- ☐ 1. The installation address and property owner name are shown.
- ☐ 2. The drawing omits any copyrighted, proprietary, or confidential language.
- ☐ 3. The site plan includes measurements of space between DG equipment including:
 - ☐ Billing/ Revenue Meter and Service Entrance
 - ☐ DG Meter Socket
 - ☐ Utility DG Disconnect Switch
 - ☐ Additional Disconnect Switches associated with DG interconnection or Main Service (if applicable).
- ☐ 4. The utility equipment is labeled and location is shown. Utility equipment includes:
 - ☐ Billing/ Revenue Meter and Service Entrance
 - ☐ DG Meter Socket
 - ☐ Utility DG Disconnect Switch
 - ☐ Utility Isolation Disconnect (if applicable)
 - ☐ Backed-up Loads Meter (if applicable)
 - ☐ Backed-up Loads Disconnect (if applicable)
- ☐ 5. The location of all PV system equipment, proposed and existing, is provided, shown as new (N) or existing (E) and is labeled including:
 - ☐ Inverter(s)
 - ☐ Modules
 - ☐ Sub-panels (if applicable)
 - ☐ Junction Boxes and Gutters associated with DG interconnection or Main Service (if applicable)
 - ☐ Additional Disconnect Switches associated with DG interconnection or Main Service (if applicable)
 - ☐ Energy Storage System (if applicable)
 - ☐ A note indicating new equipment is replacing previously installed equipment (if applicable)
- ☐ 6. The Billing/ Revenue Meter and Service Entrance location are in accordance with TEP's Electrical Service Requirements (SR-304, SR-405).

- ☐ 7. The Billing/ Revenue Meter and Service Entrance are within 10 feet, line of sight and not separated by walls, gates or obstructions, of DG Meter Socket and Utility Disconnect Switch(s), and any other required equipment per TEP's Electrical Service Requirements (SR-702, SR-710).
- ☐ 8. The DG Meter Socket, Utility Disconnect Switch(s), and any other required equipment has the appropriate work space, location, and height per TEP's Electrical Service Requirements (SR-304, SR-405, SR-702, SR-710).
- ☐ 9. Property lines, streets, gates and fences/walls are labeled.
- ☐ 10. Permanently installed structures and equipment are clearly labeled, including:
 - ☐ Carports
 - ☐ Porches
 - ☐ Breezeways
 - ☐ Patios
 - ☐ Doors
 - ☐ Windows
 - ☐ Gas meters
 - ☐ Stairways
 - ☐ Ramps
 - ☐ Ground AC Units
 - ☐ Water Fixtures

Three Line Diagram

(Required for all projects)

- ☐ 1. The installation address and property owner name are shown.
- ☐ 2. The drawing omits any copyrighted, proprietary, or confidential language.
- ☐ 3. The Method of Interconnection (MOI) is shown and matches MOI listed on the PowerClerk application form.
- ☐ 4. Billing/ Revenue Meter, Service Entrance and Interconnection:
 - ☐ The Service Entrance Panel is labeled new or existing.
 - ☐ The Service Entrance Panel make and model number are displayed if new or if the Service Entrance Panel is Solar Ready.
 - ☐ The Service Entrance Panel (Busbar) amperage, voltage, and phase are displayed.
 - ☐ The Service Entrance busing is drawn and labeled to accurately reflect product specifications (Solar Ready Panel, Multiple Main Breakers, etc.).
 - ☐ The PV Breaker amperage is displayed (if applicable).
 - ☐ The Main Circuit Breaker (MCB) amperage is displayed.
 - ☐ All conductors are drawn, labeled, and conductor type and size are shown.
 - ☐ The neutral conductor runs from the Point of Interconnection to the neutral termination bus inside the DG meter socket, at minimum.
 - ☐ The PV Breaker's location is accurately reflected and per NEC (if applicable).
 - ☐ The make, model and catalog number for any lugs or adapters used for Line Side Taps are listed (if applicable).
- ☐ 5. All of the PV system equipment, proposed and existing, is displayed and labeled as new (N) or existing (E) including:
 - ☐ Inverter(s)
 - ☐ Modules
 - ☐ Sub-panels (if applicable)
 - ☐ Junction Boxes and Gutters associated with DG interconnection or Main Service (if applicable)
 - ☐ Additional Disconnect Switches associated with DG interconnection or Main Service (if applicable)
 - ☐ Energy Storage Systems (if applicable)
- ☐ 6. DG Meter Socket

- ☐ Make and model are displayed.
 - ☐ Amperage, voltage, and phase are displayed.
 - ☐ Displays wiring consistent with SR-702 and SR-710 wiring schematics.
 - ☐ The DG Meter Socket and all related metering equipment and conduits are properly grounded.
- ☐ 7. Backed-Up Loads Meter Socket (if applicable):
- ☐ Make and model are displayed.
 - ☐ Amperage, voltage, and phase are displayed.
 - ☐ Displays wiring consistent with SR-702 and SR-710 wiring schematics.
 - ☐ The Backed-Up Loads Meter Socket and all related metering equipment and conduits are properly grounded.
- ☐ 8. Utility DG Disconnect Switch:
- ☐ Make and model are displayed.
 - ☐ Amperage, voltage, and phase are displayed.
 - ☐ Location is between the Revenue Meter and DG Meter Socket.
 - ☐ Displays wiring consistent with SR-702 wiring schematics.
 - ☐ The enclosure and conduits are properly grounded.
 - ☐ For Line Side Taps, the Utility DG Disconnect Switch is fused and the fuse amperage is displayed.
- ☐ 9. Utility Isolation Disconnect Switch or Backed-Up Loads Disconnect Switch (if applicable):
- ☐ Make and model are displayed.
 - ☐ Amperage, voltage, and phase are displayed.
 - ☐ Location is between the Revenue Meter and DG Meter Socket.
 - ☐ Displays wiring consistent with SR-710 wiring schematics.
 - ☐ The enclosure and conduits are properly grounded.
 - ☐ For Line Side Taps, the Utility DG Disconnect Switch is fused and the fuse amperage is displayed.
- ☐ 10. Inverter(s):
- ☐ Quantity is displayed and matches the Application.
 - ☐ Make and model(s) are displayed and matches the Application.
 - ☐ The total AC kW is displayed and matches the Application.
- ☐ 11. Modules:

- ☐ The Module quantity is displayed and matches the Application.
- ☐ Make and model are displayed and matches the Application.
- ☐ The total DC kW is displayed and matches the Application.
- ☐ 12. Energy Storage System (if applicable):
 - ☐ The Energy Storage equipment quantity is displayed and matches the Application.
 - ☐ The Energy Storage system size is displayed (kW AC).
 - ☐ The Energy Storage make and model are displayed and matches the Application.
 - ☐ The total Maximum Output Power AC kW is displayed and matches the Application.
 - ☐ The backed-up loads are accurately displayed and labeled.
 - ☐ The Energy Storage System Configuration is accurately displayed.
- ☐ 13. Power Control System (PCS (if applicable):
 - ☐ The type of PCS equipment being utilized.
 - ☐ The function of the PCS equipment, including but not limited to:
 - ☐ Grid export limiting, system size limiting, busbar amperage limiting.
 - ☐ The set point/ location of the PCS equipment.
 - ☐ PCS limit amount in kW AC, Amps, or other applicable.
 - ☐ The proposed PCS information and equipment match the information on the application in PowerClerk.

Elevation Plan

(Required for Non-Residential Projects, Optional for Residential Projects)

- ☐ 1. The installation address and property owner are shown.
- ☐ 2. The drawing omits any copyrighted, proprietary, or confidential language.
- ☐ 3. The utility equipment is labeled and displayed to scale:
 - ☐ Billing/ Revenue Meter and Service Entrance
 - ☐ DG Meter Socket
 - ☐ Utility DG Disconnect Switch
 - ☐ Utility Isolation Disconnect (if applicable)
 - ☐ Backed-up loads meter (if applicable)
 - ☐ Backed-up loads disconnect (if applicable)
- ☐ 4. All PV system equipment, new and existing, is labeled and displayed to scale:
 - ☐ Inverter(s)
 - ☐ Modules
 - ☐ Sub-panels (if applicable)
 - ☐ Junction Boxes and Gutters associated with DG interconnection or Main Service (if applicable)
 - ☐ Additional Disconnect Switches associated with DG interconnection or Main Service (if applicable)
 - ☐ Energy Storage Systems (if applicable)
- ☐ 5. Approximate height of equipment is displayed.
- ☐ 6. Approximate spacing between main components is displayed.
- ☐ 7. The Billing/ Revenue Meter and Service Entrance location are in accordance with TEP's Electrical Service Requirements.
- ☐ 8. The Billing/ Revenue Meter and Service Entrance are within 10 feet of DG Meter Socket and Utility DG Disconnect Switch per TEP's Electrical Service Requirements.
- ☐ 9. The DG Meter Socket and Utility DG Disconnect Switch have the appropriate workspace, location, and height per TEP's Electrical Service Requirements.
- ☐ 10. Gates and fences are displayed and labeled.

☐ 11. Permanently installed structures and equipment are clearly labeled and displayed to scale, if in proximity to utility and PV system equipment, including:

- ☐ Carports
- ☐ Porches
- ☐ Breezeways
- ☐ Patios
- ☐ Doors
- ☐ Windows
- ☐ Gas meters
- ☐ Stairways
- ☐ Ramps
- ☐ Ground AC Units
- ☐ Water fixtures