



Propel Installation Requirements & Electrical Exclusions

Installation Requirements

- **Mechanical Attachment Requirement:** All PV systems must be mechanically attached to a qualifying residential roof structure. Ballasted mounting systems are not permitted under any circumstances because they do not meet FEOC/Domestic Content requirements.
- **Permitted Mounting Structures:** PV arrays may only be installed on the primary or permitted auxiliary (detached garage, ADU, barn, etc.) residential roof structure with permanent foundation.
- **Non-Permitted Mounting Structures:** Arrays must not be installed on or extend onto accessory structures, even if attached to the residence, including:
 - Patio covers
 - Shade structures
 - Pergolas
 - Carports
 - Trellises
 - Any other non-habitable/unpermitted accessory structure
 - Shared roof space (intersecting roof with separate and distinct roof space may be allowed)
- **Permitted Home Types:**
 - 4 Unit or Less Multifamily Properties (if owned by the same individual).
 - Modular Homes (on a steel or wood frame and with drywall)
 - Manufactured Homes (Built after June 15th, 1976)
 - Mobile Homes (Permanently affixed to the foundation)
- **Racking System Manufacturer Consistency:** All installed racking components must be provided by a single manufacturer and installed in accordance with that manufacturer's labeling and intended use. Mixing or interchanging racking components (rail to module) from multiple manufacturers is strictly prohibited. Using attachments from other racking manufacturers may be permitted at the installer's discretion. If Structural Stamp is required, the installer may be required to provide documentation from manufacturer(s) for certifying use of third-party products.



- **Permitted Roof Types:** Roofing materials must be comprised of:
 - Clay or concrete tiles
 - Corrugated metal
 - EPDM
 - Fiber cement
 - Metal shingles
 - Rolled comp/asphalt shingles
 - Rolled tar and gravel
 - Standing seam
 - Thermoplastic Polyolefin (TPO)
- **Excluded Roof Types:** Installation is not permitted on the following roof materials:
 - Copper
 - Slate
 - Spray Foam
 - Wood Shake
 - Please consult your GRDS Service Lead on any other roof type
- **Tilt Configuration:** Reverse-tilt module installations are not permitted because the hardware required does not meet FEOC/Domestic Content thresholds.

Electrical Exclusions

- **Ineligible Main Service Panels (MSPs):** The following Main Service Panel types are not eligible for use in Propel-funded installations:
 - ITE
 - Pushmatic
 - Zinsco
 - Federal Pacific Electric (FPE)
 - Wadsworth
 - Fuse-based panels
- Projects that include any of the above panel types are ineligible unless the existing listed panel is not involved in any portion of the PV system interconnection or is scheduled for replacement as part of an approved Main Panel Upgrade (MPU) included within the project scope.

Please Note:

This list is not exhaustive and does not cover every unique use case that can come up when planning a solar installation; please ask your GRDS Service Lead if you have questions about a specific design.