



# CITY *of* CLOVIS

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## BUILDING DEPARTMENT

1033 FIFTH STREET • CLOVIS, CA 93612

### Eligibility List

#### System

- The energy storage system shall be lithium-ion type only.
- The proposal shall be a residential roof-mounted photovoltaic system only.
- The system shall be installed by a contractor with all the required licenses. To install the ESS system, a C-10 Licensing classification is required.
- For installing a photovoltaic system only (no ESS), a C-46 or a C-10 Licensing classification is required.
- It shall be a non-building integrated solar system. (Not solar roof tiles)

#### Electrical

- The new Photovoltaic System (PV) shall be a maximum of 38.4 kWdc
- The new Energy Storage System (ESS) shall be a maximum of 38.4 kWdc when paired with the Photovoltaic System.
- Existing service (Only), No service upgrades or like-for-like service panel changes.
- Subpanels that are used for the relocation of breakers from the service panel are not allowed.
- Addendums to the plans shall not be allowed.
- The main service shall not exceed 400A.
- The design shall be a single phase.
- No aluminum wires can be used.
- The PV wire must be 600v rated.
- 90° Celsius insulated wire must be used.
- The conduit must be raised a minimum of 7/8 inches off the roof deck.
- Terminals shall be 75° Celsius rated and suitable for use with CU wires.
- The home cannot have Existing ESS or Photovoltaic systems.
- Only one PV module type can be proposed for each submittal.
- Only one PV racking system type can be proposed for each submittal.
- Only one micro-inverter, MCI, or optimizer type can be proposed for each submittal.
- Only one AC module type can be proposed for each submittal.
- Shall only be installed on a Single-family Dwelling or residential-permitted auxiliary building.
- PV modules must be listed.
- Conduit shall be EMT when above ground.
- Shall only be flat plate PV modules.
- All power inverters must have the same point of connection.
- The PV array shall be designed a maximum of 10" above the roof deck.

#### Structural

- PV system shall be installed in compliance with CBC 2022.
- PV modules and hardware shall not exceed four psf.
- It cannot be installed on wood shake or wood shingle roof.
- It cannot be installed on non-permanent structures—examples to include but are not limited to free-standing carports and sheds.
- The proposed photovoltaic system shall only be mounted on a roof designed for a 20 psf minimum live load.

#### Fire

- The design shall comply with the 2022 California Fire Code.