	SolarAPP BIPV Eligibility 10/29/2024
System	
New rooftop residential retrofit PV systems	
nstalled by contractor with all licenses required by jurisdiction	
Each residence must have a unique utility meter	
Electrical	
The project must comply with the applicable National Electric Code	
500V maximum series string voltage	
Single phase 240V or 208V residential utility services only	
Aluminum wires are only allowed for backup initiation device feeders	
Must use 600V rated PV wire, or equivalent, for exposed, rooftop DC conductors	
Nust use 90 deg C rated insulated wire	
Max 2 DC strings in parallel	
nverter output circuit conductors must be THWN-2, or listed NM	
Ferminals must be rated to 75 deg C, labeled for use with Cu wires, and accept minimum 8 AWG wire	
Vicroinverters or AC Modules branch circuit overcurrent protection device must be rated for a maximum of 20A	
Permitted to install on up to or equal to 400A service	
Permitted to install on up to or equal to 200A service disconnect	
Permitted to install on up to or equal to 225A busbars	
May include an existing PV system with one (1) module type and multiple PV inverters	
Vay install only 1 PV module model	
May install up to 2 inverters for string inverters	
May install up to 1 inverter model for microinverters and AC modules	
Conduit may not be schedule 80 PVC	
Modules and inverters must be listed in the California Energy Commission's database of approved equipment	
Energy storage systems and batteries must be listed in the California Energy Commission's database of approved equipment	
Rapid shutdown cannot be satisfied using the method: No exposed wiring or conductive parts [690.12(B)(2)(3)]	
Vo trenching allowed	
Vay include up to two (2) points of interconnection to premises wiring systems	
No new loads, only new monitoring circuits are allowed Equipment listed for continuous use at 100% of its rating is not considered	
Vay install only 1 racking system model	
Height of rooftop conduit $> = 7/8$ "	
Flat plate PV modules only	
Structural	
Detached one- and two-family dwellings and townhomes not more than three stories above grade plane in height with a separate means	of egress
Accessory structures to one- and two-family dwellings and townhomes not more than three stories above grade plane in height	
Penetrations within 4 ft of the fire-rated property line on the roof of a townhome shall not be permitted.	
nstallations in multi-family structures or R-2 occupancies shall not be permitted.	
nstallations on mobile homes governed by Heath and Safety Code and/or Housing and Urban Development regulations shall not be pern	nitted.
The project must comply with the applicable International Residential Code	
PV system + hardware weight is less than or equal to 4.0 psf	
No ground mounted systems	
No carports or non-permanent structures	
No modifications, alterations, or upgrades to the structure	
At least 20% of each tilt-up mounted array must be contained under 2 feet above the roof	
The new system must be installed on a permitted structure	
No wood shake or wood shingle roofing allowed with a new rooftop PV system	
imit of 10" above the roof for flush mount PV arrays on pitched (>2/12) roof surfaces	
Netal roof or low-slope roof installations in areas with > 15psf snow load are not supported	
Fire	