

Product Eligibility Requirements

1 Renewable & Alternative Energy Products

1.1 Solar Photovoltaic

Product Type	Eligibility Specifications
Solar Panel	<ol style="list-style-type: none">1. Products must be in compliance with CA-SB1 guidelines.2. Installation Contractor must have the correct CSLB licensure to install solar systems.3. System must be connected to the grid or a micro grid (collectively, the “Grid”) unless the property is not currently connected to the Grid.4. Installed per manufacturer specifications.
Solar Inverter	<ol style="list-style-type: none">1. Products must be in compliance with CA-SB1 guidelines.2. Installation Contractor must have the correct CSLB licensure to install solar systems.3. System must be Grid connected unless the property is not currently connected to the Grid.4. Installed per manufacturer specifications.

1.2 Solar Thermal

Product Type	Eligibility Specifications
Solar Water Heating	<ol style="list-style-type: none">1. System must have the OG-300 System Certification by the Solar Rating and Certification Corporation (SRCC).2. System Solar Fraction (SF) must be ≥ 0.5.3. Installed per manufacturer specifications.
Solar Pool Heating	<ol style="list-style-type: none">1. Product must have the OG-100 Collector Certification by the Solar Rating and Certification Corporation (SRCC).2. Installed per manufacturer specs.

1.3 Alternative Energy

Product Type	Eligibility Specifications
Small Wind Turbine	<ol style="list-style-type: none"> 1. Product must be certified by the Small Wind Certification Council as meeting the requirements of the AWEA Small Wind Turbine Performance and Safety Standard (9.1-2009). 2. Product must be Grid connected unless the property is not currently connected to the Grid. 3. Installed per manufacturer specs.
Advanced Energy Storage System	<ol style="list-style-type: none"> 1. System must meet the eligibility requirements outlined in the current California Self-Generation Incentive Program (SGIP) Handbook. 2. System must be tied to a program eligible Solar PV system. 3. System must be Grid connected unless the property is not currently connected to the Grid. 4. Installed per manufacturer specs.
Electric Vehicle Charging Station	<ol style="list-style-type: none"> 1. Product must be certified as meeting the UL Subject 2594 Standard Testing for Charging Stations. 2. Product must be a Level 2 charger with SAE J1772 standard charging plug. 3. Installed per manufacturer specs.
Stationary Fuel Cell Power System	<ol style="list-style-type: none"> 1. System must be certified as meeting the ANSI/CSA America FC1 standard. 2. Installed per manufacturer specs.

1.4 Cogeneration

Product Type	Eligibility Specifications
Micro turbine	<ol style="list-style-type: none"> 1. P.U. Code 216.6 2. Installed per manufacturer specs.
Internal Combustion Engine	<ol style="list-style-type: none"> 1. P.U. Code 216.6 2. Installed per manufacturer specs.
Fuel Cell	<ol style="list-style-type: none"> 1. P.U. Code 216.6 2. Installed per manufacturer specs.

2 Energy Efficiency Products

2.1 High-Efficiency Heating Ventilation and Air Conditioning (HVAC)

Product Type	Eligibility Specifications
Air-Source Heat Pump	<ol style="list-style-type: none"> 1. Product must be AHRI Certified. 2. Product must be ENERGY STAR Certified: <ol style="list-style-type: none"> a. Split: SEER \geq 14.5 and EER \geq 12 and HSPF \geq 8.2. b. Package: SEER \geq 14 and EER \geq 11 and HSPF \geq 8.0. 3. Installed per manufacturer specs.
Central Air Conditioner	<ol style="list-style-type: none"> 1. Product must be AHRI Certified 2. Product must be ENERGY STAR Certified: <ol style="list-style-type: none"> a. Split: SEER \geq 14.5 and EER \geq 12. b. Package: SEER \geq 14 and \geq EER 11. 3. Installed per manufacturer specs.
Furnace	<ol style="list-style-type: none"> 1. Product must be AHRI Certified 2. Product must be ENERGY STAR Certified: AFUE \geq 90%. 3. Installed per manufacturer specs.
Evaporative Cooler	<ol style="list-style-type: none"> 1. Product must be listed in California Energy Commission Appliance Efficiency Database. 2. Must be permanently installed through wall or on the roof; window installed product is not eligible. 3. Installed per manufacturer specs.
Boiler	<ol style="list-style-type: none"> 1. Product must be AHRI Certified. 2. Product must be ENERGY STAR Certified: AFUE \geq 85%. 3. Installed per manufacturer specs.
Geothermal Heat Pump	<ol style="list-style-type: none"> 1. Product must be ENERGY STAR Certified: <ol style="list-style-type: none"> a. Closed Loop Water-to-Air: \geq 14.1 EER and \geq 3.3 COP b. Open Loop Water-to-Air: \geq 16.2 EER and \geq 3.6 COP c. Closed Loop Water-to-Water: \geq 15.1 EER and \geq 3.0 COP d. Open Loop Water-to-Water: \geq 19.1 EER and \geq 3.4 COP e. DGX: \geq 15.0 EER and \geq 3.5 COP 2. Installed per manufacturer specs.

Hydronic Radiant Heating	<ol style="list-style-type: none"> 1. System must be powered by a high- efficiency heating source. 2. Installed per manufacturer specs.
Mini-Split Air Conditioner	<ol style="list-style-type: none"> 1. Product must be AHRI certified. 2. Efficiency: ≥ 15 SEER. 3. Installed per manufacturer specs.
Mini-Split Heat Pump	<ol style="list-style-type: none"> 1. Product must be AHRI certified. 2. Efficiency: ≥ 15 SEER and HSPF ≥ 8.2. 3. Installed per manufacturer specs.
Biomass / Wood Stove	<ol style="list-style-type: none"> 1. Product must be certified and listed on the EPA Certified Wood Stoves list. 2. Installed per manufacturer specs.
Duct Replacement	<ol style="list-style-type: none"> 1. Duct system leakage: <ol style="list-style-type: none"> a. Partial Replacement: $\leq 15\%$ total system nominal flow b. Full Replacement: $\leq 6\%$ total system nominal flow 2. Duct Insulation R-Value $\geq R-6$. 3. Installed per Title 24, Part 6.
Heat/Energy Recovery Ventilator	<ol style="list-style-type: none"> 1. Product must be certified by the Home Ventilation Institute (HVI). 2. Installed per manufacturer specs.
Exhaust Ventilation Fixture	<ol style="list-style-type: none"> 1. Product must be ENERGY STAR Certified. 2. Installed per manufacturer specs.
Whole House Fan	<ol style="list-style-type: none"> 1. Product must be listed in California Energy Commission Appliance Efficiency Database. 2. Installed per manufacturer specs.
Attic Ventilation Fixture	<ol style="list-style-type: none"> 1. Product must have thermostat control. 2. Installed per manufacturer specs.
Ceiling Fan	<ol style="list-style-type: none"> 1. Product must be ENERGY STAR Certified. 2. Installed per manufacturer specs.

2.2 Windows Doors and Skylights

Product Type	Eligibility Specifications
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Window	<ol style="list-style-type: none"> 1. Product must be Energy Star or NFRC Certified: <ol style="list-style-type: none"> a. U-Factor ≤ 0.32 and SHGC ≤ 0.30. 2. Installed per manufacturer specs. 3. Product must meet Title 24 requirements.
Door	<ol style="list-style-type: none"> 1. Product must be Energy Star or NFRC Certified: <ol style="list-style-type: none"> a. Opaque: U-Factor ≤ 0.21 and SHGC = Any b. $\leq 1/2$-Lite: U ≤ 0.27 and SHGC ≤ 0.30 c. $> 1/2$-Lite: U ≤ 0.32 and SHGC ≤ 0.30 2. Installed per manufacturer specs.
Skylights and Tubular Day Lighting Device	<ol style="list-style-type: none"> 1. Product must be Energy Star or NFRC Certified: U-Factor ≤ 0.55 and SHGC ≤ 0.30 2. Installed per manufacturer specs.
Applied Window Film	<ol style="list-style-type: none"> 1. Product must be NFRC Certified. 2. Installed per manufacturer specs.
Exterior Window Shading Device	<ol style="list-style-type: none"> 1. Product must be permanently secured to the property with attachments or fasteners that are not intended for removal. 2. Product must be installed to provide shading to at least one window or door. 3. Other exterior structural products including, but not limited to, sunroom enclosures, exterior decks, balconies, roof overhangs, detached/free-standing arbors, detached/free-standing pergolas, and/or carports are <u>NOT</u> eligible. 4. Interior window shading products including, but not limited to, blinds, shutters, shades, or curtains are <u>NOT</u> eligible. 5. Installed per manufacturer specs.

2.3 Building Envelope

Product Type	Eligibility Specifications
Cool Wall Coating	<ol style="list-style-type: none"> 1. Product must have solar reflectance ≥ 0.5 as tested by recognized third-party laboratory to ASTM C1549-09 standard. 2. Installed per manufacturer specs.

Cool Roof - Prescriptive	<ol style="list-style-type: none"> 1. Product must be ENERGY STAR Qualified: <ol style="list-style-type: none"> a. Low-Slope Roofs: ≥ 0.5 Aged (3 yrs.) Solar Reflectance b. Steep-Slope Roof: ≥ 0.15 Aged Solar Reflectance 2. Product must meet Title 24, Part 6. 3. Installed per manufacturer specs.
Cool Roof - Performance	<ol style="list-style-type: none"> 1. If ENERGY STAR Qualified roofing product is not specified, one of the following cool roof performance measures must also be implemented: <ol style="list-style-type: none"> a. Install ≥ 1" Air-space between the top of the roof deck to the bottom of the roofing product. b. Insulate attic floor to R-value ≥ 38. c. Seal & Insulate attic HVAC duct work to R-8 and $\leq 6\%$ leakage. d. Install an eligible radiant barrier. e. Insulate roof deck to R-value ≥ 4. f. Install roof construction with thermal mass over a membrane with a weight of at least 25 lb/ft². 2. Project must comply with CA Title 24 Part 6. Project stakeholder is fully and solely responsible to meet any such additional requirements.
Attic Insulation	<ol style="list-style-type: none"> 1. R-value ≥ 38. 2. Installed per manufacturer specs.
Wall Insulation	<ol style="list-style-type: none"> 1. R-value ≥ 13 to full framing cavity depth. 2. Installed per manufacturer specs.
Under-Floor Insulation	<ol style="list-style-type: none"> 1. R-value ≥ 19 to full joist depth. 2. Installed per manufacturer specs.
Radiant Barrier	<ol style="list-style-type: none"> 1. Emissivity ≤ 0.1 and Reflectivity ≥ 0.9. 2. Installed per manufacturer specs.
Air Sealing	<ol style="list-style-type: none"> 1. Performed to BPI, ENERGY STAR or ASHRAE 62.2 guidelines.

2.4 High Efficiency Water Heating

Product Type	Eligibility Specifications
Gas Storage Water Heater	<ol style="list-style-type: none"> 1. Product must be ENERGY STAR Certified. 2. $EF \geq 0.67$. 3. Installed per manufacturer specs.
Electric Heat Pump Storage Water Heater	<ol style="list-style-type: none"> 1. Product must be ENERGY STAR Certified. 2. $EF \geq 2.0$. 3. Installed per manufacturer specs.
Gas Tankless Water Heater	<ol style="list-style-type: none"> 1. Product must be ENERGY STAR Certified. 2. $EF \geq 0.82$. 3. Installed per manufacturer specs.

2.5 High Efficiency Pool Equipment

Product Type	Eligibility Specifications
Pool Pump and Motor	<ol style="list-style-type: none"> 1. Product must be ENERGY STAR Certified: <ol style="list-style-type: none"> a. Single Speed Pump: $EF \geq 3.8$ for single speed b. Multi/Variable Speed/Flow: $EF \geq 3.8$ for most efficient speed. 2. Installed per manufacturer specs.
Electric Heat Pump Pool Heater	<ol style="list-style-type: none"> 1. Product must be listed in California Energy Commission Appliance Efficiency Database. 2. $COP \geq 4.5$. 3. Installed per manufacturer specs.
Gas Pool Heater	<ol style="list-style-type: none"> 1. Product must be listed in California Energy Commission Appliance Efficiency Database. 2. Thermal Efficiency $\geq 83\%$. 3. Installed per manufacturer specs.
Automatic Pool Cover	<ol style="list-style-type: none"> 1. Product must be an automatic pool cover UL certified as meeting ASTM F1346 Standard Performance Specification. 2. Product must be permanently installed on an existing swimming pool. 3. Installed per manufacturer specs. 4. Manual swimming pool covers are not eligible.

2.6 High Efficiency Lighting

Product Type	Eligibility Specifications
Indoor Lighting Fixture	<ol style="list-style-type: none"> 1. Product must be ENERGY STAR Certified and meet Title 24, Part 6 requirements. 2. Product must be permanently installed. 3. Installed per manufacturer specs.
Outdoor Lighting Fixture	<ol style="list-style-type: none"> 1. Product must be ENERGY STAR Certified and meet Title 24, Part 6 requirements. 2. Product must be permanently installed. 3. Installed per manufacturer specs.
Lighting Control	<ol style="list-style-type: none"> 1. Product must be listed in the California Energy Commission Appliance Efficiency Database. 2. Eligible control types include: <ol style="list-style-type: none"> a. Automatic Time-Switch b. Daylight/Photo- Sensor c. Dimmer d. Occupant/Motion/Vacancy Sensor 3. Install per manufacturer specs.

2.7 Indoor Water Efficiency

Product Type	Eligibility Specifications
High-Efficiency Toilet Fixture	<ol style="list-style-type: none"> 1. Product must be listed in the CEC Appliance Efficiency Database. 2. Toilet and urinals fixtures are eligible. 3. Flow rate \leq 1.28 GPF. 4. Installed per manufacturer specs.
High-Efficiency Faucet Fitting	<ol style="list-style-type: none"> 1. Flow rate \leq 1.5 GPM. 2. Must be permanently installed. 3. Installed per manufacturer specs.
High-Efficiency Showerhead	<ol style="list-style-type: none"> 1. Flow \leq 2.0 GPM. 2. Installed per manufacturer specs.

Hot Water Delivery System	<ol style="list-style-type: none"> 1. System meets the definition of one of the following water delivery options: <ol style="list-style-type: none"> a. Dedicated Recirculation Line b. Whole House Manifold System c. Demand-initiated Recirculating System d. Core Plumbing System 2. Installed per manufacturer specs.
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2.8 Outdoor Water Efficiency

Product Type	Eligibility Specifications
High-Efficiency Sprinkler Nozzle	<ol style="list-style-type: none"> 1. Product must be on SoCal Water Smart Qualified Sprinkler Nozzle product list. 2. Installed per manufacturer specs.
Weather-Based Irrigation Controller	<ol style="list-style-type: none"> 1. Product must be WaterSense Qualified. 2. Installed per manufacturer specs.
Drip Irrigation	<ol style="list-style-type: none"> 1. Product installed be installed in turf, garden, planter, or flower bed area. 2. Installed per manufacturer specs.
Rainwater Catchment System	<ol style="list-style-type: none"> 1. Sized to hold ≥ 50 gallons at one time. 2. Must be permanently installed. 3. Installed per manufacturer specs.
Gray Water System	<ol style="list-style-type: none"> 1. System must meet California Plumbing Code, Chapter 16A. 2. Product must comply with local code and permitting requirements. 3. Eligible system types include: <ol style="list-style-type: none"> a. Single-Fixture b. Multi-Fixture Simple (≤ 250 GPD) c. Multi-Fixture Complex (> 250 GPD) 4. Installed per manufacturer specs.

Artificial Turf	<ol style="list-style-type: none"> 1. Product must be water and air permeable. 2. Product must be non-toxic and lead free. 3. Product must be recyclable. 4. Product installation must carry ≥ 10 year warranty. 5. Installed per manufacturer specs.
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3 Seismic Improvements

Product Type	Eligibility Specifications
Seismic Improvements	<ol style="list-style-type: none"> 1. Retrofitting or Reconstruction Products to Abate falling hazards 2. Structural Strengthening 3. Improvements resisting seismic force levels 4. Improvements providing safe entry and exit