



July 7, 2017

Eligible Improvements & Guidelines

In order to qualify for Ygrene funding, all project improvements must:

- Meet or exceed applicable local, state, and federal codes and standards;
- In California, comply with Title 24, Part 6, Subchapters 1. (General Provisions); 2. (Mandatory Requirements for the Manufacture, Construction, and Installation of Systems, Equipment and Building Components); 7. (Mandatory Features and Devices); and 9. (Additions and Alterations in Existing Low-Rise Residential Buildings);
- Be installed by Ygrene-Certified contractors or participating property owners; and
- Be installed in accordance with manufacturer recommendations.

Residential

PRODUCT TYPE	REQUIRED CONTRACT DETAIL	PRICING GUIDELINES	MAX TERMS (YEARS)*	STATE
Alternative Energy				
Advanced Energy Storage Systems	N/A	Call	10	CA, FL
Co-generation System	N/A	Call	20	CA, FL
Electric Vehicle Charging Station	Power supply: 110V, 220, Direct DC	\$2,500	10	CA, FL
Fuel Cell Power System, Stationary PACE	Power output \leq 40 kW output	\$15,000/kW	10	CA, FL
Wind Turbine	Power output (kW)	\$45,000/system	20	CA, FL
Building Envelope				
Air Sealing	% Reduction	\$11,250	20	CA, FL
Roof Installation	Square footage (roof) Roof type: built-up, membrane PVCdified bitumen, metal, asphalt shingle, applied coating, concrete tile, clay tile, wood shake bare Indicate which applies: Provides min 1" airspace between roof deck and roofing; Insulates attic to minimum R-38; Seals and insulates attic ducts; Provides radiant barrier; Provide min R-4 roof deck insulation	built-up: \$15/sf membrane PV: \$15/sf modified bitumen: \$15/sf metal: \$15/sf asphalt shingle: \$15/sf applied coating: \$15/sf concrete tile: \$20/sf clay tile: \$20.65/sf wood shake bare: \$10/sf foam: \$15/sf	30	CA, FL
Electrical Panel Upgrade	N/A	\$7,500/ea	30	CA, FL
Electrical Wiring Modernization	N/A	\$15/sf	30	CA, FL
Energy Efficient Reflective Coating	Solar reflectance \geq 0.5 Square footage	\$12/sf	20	CA, FL
Green Roof	Square footage (roof) Type: extensive, intensive	extensive: \$20/sf intensive: \$30/sf	30	CA, FL
Insulation, Attic	R-value \geq 38 Square footage	\$8.00/sf	30	CA, FL
Insulating Carpet & Padding	Square footage	Call	10	CA
Insulation, Hot Water Pipe	Linear feet R-value $>$ 3.0	Call	30	CA, FL
Insulation, Siding	R-value $>$ 1 Square footage	\$18.75/sf	20	CA, FL

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Building Envelope (cont'd)				
Insulation, Under-Floor	Square footage	\$8/sf	30	CA, FL
Insulation, Wall	Type: batts (open wall), blown-in R-value > 13 Square footage	batts: \$10/sf blown-in: \$13/sf	30	CA, FL
Radiant Barrier	Square footage Reflectivity > 0.9 Emittance < 0.1	\$8.00/sf	20	CA, FL
Weather Stripping	# Windows # Doors	\$100/ea	20	CA, FL
Heating, Ventilation, Air Conditioning (HVAC)				
Air Conditioner, Central	SEER rating \geq 14 Size (Ton)	\$28,220	20	CA, FL
Air Conditioner, Central w/Zone Control	SEER rating Size (Ton)	\$5,000	20	CA, FL
Air Conditioner, Mini-Split	SEER rating Cooling capacity (kBtu)	\leq 9 kBtu: \$6,000 >9-14 kBtu: \$6,300 >14-22 kBtu: \$6,500 >22 kBtu: \$20,200	20	CA, FL
Air Conditioner, Packaged Terminal (PTAC)	N/A	\$3,000	20	CA, FL
Biomass/Pellet Wood Stove	N/A	\$15,000	20	CA, FL
Ceiling Fan	# Fans	\$1000/ea	20	CA, FL
Duct Replacement	# Ducts	2,500/ea	30	CA, FL
Duct Sealing	Linear feet	\$3.00/lf	20	CA, FL
Energy Efficient Air Purifier (built-in)	N/A	\$3,000	20	CA, FL
Energy Efficient Gas Boiler System	N/A	\$22,000	30	CA, FL
Evaporative Cooler	N/A	\$2,500	20	CA, FL
Fan, Whole House	N/A	\$6,000	20	CA, FL
Furnace	Type: electric, gas Heating capacity (kBtu)	\$12,000	20	CA, FL
Heat Pump, Condensing Component	SEER rating Size (Ton)	\$12,000	15	CA, FL
Hydronic Radiant Heating System	Efficiency Size (kBtu)	\$37,000	20	CA, FL
Ventilator, Heat/Energy Recovery	Efficiency > .82 Size (CFM)	\$5,000	25	CA, FL
Ventilator Fixture, Exhaust	# Zones Size (CFM)	\$1,000	25	CA, FL
Ventilation Fixture, Attic	Size (CFM)	\$2,200	25	CA, FL
High-Efficiency Water Heating				
Hot Water System Controller	N/A	\$1,000	15	CA, FL
Smart Recirculating Hot Water System	N/A	\$2,000	20	CA, FL
Water Heater, Storage	Type: electric, gas Storage size (Gal) Efficiency	\leq 30 Gal electric: \$2,700 gas: \$8,500 >30-50 Gal electric: \$3,000 gas: \$8,500 >50-75 Gal electric: \$5,100 gas: \$8,500 >75 Gal electric: \$11,500 gas: \$8,500	15	CA, FL
Water Heater, Tankless	Energy factor \geq 0.9 Max Btu/hr	(Energy factor x Btu/hr) x 0.08	20	CA, FL

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High-Efficiency Lighting, Appliances				
Energy Efficient Appliances <i>(affixed to property)</i>	N/A	Call	20	CA, FL
LED Lighting Fixture, Indoor	# New fixtures # Replacement fixtures	New: \$900/ea Replacement: \$400/ea	20	CA, FL
LED Lighting Fixture, Outdoor	# New fixtures	\$1,000/ea	20	CA, FL
Lighting Control System	N/A	\$4,500	20	CA, FL
High-Efficiency Pool Equipment				
Automatic Pool Cover	N/A	\$7,000	20	CA, FL
Electric Heat Pump Pool Heater	N/A	\$10,500	20	CA, FL
Gas Pool Heater	N/A	\$10,000	20	CA, FL
Pool Pump and Motor	Pump/motor size (HP)	\$6,500	20	CA, FL
Indoor Water Efficiency				
Demand Hot Water Appliance	N/A	\$1,000	20	CA
Demand Water Softener/Filter	N/A	\$6,500	20	CA
Faucet Aerators	# Faucets	\$400/ea	20	CA
High-Efficiency Faucet Fitting	# Faucets	\$1250/ea	20	CA
High-Efficiency Showerhead	# Showerheads	\$950/ea	20	CA
High-Efficiency Toilet Installation	# Toilets	\$1500/ea	20	CA
High-Efficiency Toilet Fixture	# Toilets	\$1200/ea	30	CA
Plumbing System Repair	N/A	\$25/sf	30	CA
Waterless Urinals	# Urinals	\$1000/ea	20	CA
Outdoor Water Efficiency				
Artificial Turf	Square footage	\$20/sf	15	CA
Drip Irrigation	Square footage % Water savings over existing system	\$10/sf	20	CA
Drought Tolerant Landscaping	% Water savings	Call	20	CA
Gray Water System	N/A	\$10,000	20	CA
Gutters <i>(In FL, must be accompanied by roof replacement or water collection system)</i>	Linear feet	\$15/lf	30	CA, FL
Hardscape <i>(must replace turf or irrigated landscaping)</i>	Type: pavers, decking, concrete Square footage	Pavers: \$20/sf Decking: \$30/sf Concrete: \$40/sf	30	CA
High-efficiency Irrigation Pump	Efficiency Size (GPM)	Call	20	CA
High-efficiency Irrigation System	% Water savings over existing system	Call	20	CA
High-Efficiency Sprinkler Nozzle	# Nozzles	Call	10	CA
Rainwater Catchment System	N/A	Call	20	CA
Septic-to-Sewer Conversion	N/A	Call	20	CA
Sewer Lateral Replacement or Repair	N/A	Call	30	CA
Weather-Based Irrigation Controller	# Stations	\$1,000	20	CA
Sesimic				
Lateral Systems, Shear Walls	Material Type: Wood, Steel Type: Pre-Fabricated, Site-Built Quantity Square Feet Description of work	Call	30	CA

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Seismic (cont'd)				
Lateral Systems, Moment Frames	Quantity Square Feet Description of work	Call	30	CA
Lateral Systems, New Steel Columns	Type: Flagpole, Cantilever Quantity Description of work	Call	30	CA
Lateral Systems, Column Strengthening	Quantity of columns Description of work	Call	30	CA
Lateral Systems, Frame Strengthening	Quantity of frames Description of work	Call	30	CA
Foundation Strengthening	Description of work	Call	30	CA
Foundation Connection System	Description of work	Call	30	CA
Structural Connection System	Description of work	Call	30	CA
Masonry Reinforcement	Description of work	Call	30	CA
Emergency Shut off System	Description of work	Call	30	CA
Seismic Other Custom	Description of work	Call	Call	CA
Solar Photovoltaic				
Solar Inverter	# Inverters Inverter size (kW)	\$350/kW	15	CA, FL
Solar Panels	# Solar panels Panel size (W)	\$1.20/watt	30	CA, FL
Solar PV System	# Solar panels Panel size (W) Inverter type: string, micro, w/ optimizers # Inverters Inverter size (W)	\$7.50/watt	30	CA, FL
Solar PV System - Solar Only Net Mechanical/Electrical Adders	# Solar panels Panel size (W) Inverter type: string, micro, w/ optimizers # Inverters Inverter size (W)	\$5.50/watt	30	CA, FL
Solar Thermal				
Solar Pool Heating	N/A	\$10,000	20	CA, FL
Solar Water Heating	Type: evacuated tube, plastic collector	\$15,000	20	CA, FL
Windows, Doors, Skylights				
Additional building openings to provide natural light	N/A	Call	20	CA, FL
Awning, Exterior	Type: fabric, metal # Awnings	Fabric: \$1000/ea Metal: \$4000/ea	10 (fabric) 20 (metal)	CA, FL
Awning, Retractable Exterior	# Awnings	\$9,000	10	CA, FL
Door, Energy Efficient Exterior	# Standard doors # Custom doors	Standard: \$3,000/ea Custom: \$15,000/ea	30	CA, FL
Glass Doors - French	# Doors	\$7500/ea	30	CA, FL
Glass Doors - Sliding	# Standard doors # Custom doors	Standard: \$4,000/ea Custom: \$15,000/ea	30	CA, FL
Light Tubes	N/A	Call	20	CA, FL
Patio Covers	Square footage	\$60/sq ft	20	CA, FL
Shutter, Exterior	# Shutters	\$900/ea	20	CA, FL
Skylights	# Skylights	Call	30	CA, FL

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Windows, Doors, Skylights (cont'd)				
Sunroom	R-value \geq 4.35	Call	30	CA, FL
Windows	# Windows	\$2500/ea	30	CA, FL
Window Film	# Windows	\$285/window	10	CA, FL
Window & Door Blinds, Interior	# Interior blinds	\$400 avg	20	CA
Window & Door Shutters, Interior	# Shutters	\$700 avg	20	CA
Wind Resistant Measures				
Cable Hold-Downs	N/A	Call	20	FL
Foundation Strengthening	N/A	Call	20	FL
Gable-end Bracing	N/A	Call	20	FL
High-Impact Doors	# Doors	\$7,500/ea	20	FL
High-Impact Windows	# Windows	\$2,500/ea	20	FL
Opening Protections	N/A	Call	Varies	FL
Roof Deck Attachment Strengthening	N/A	Call	20	FL
Roof to Wall Reinforcement	N/A	Call	20	FL
Sea Walls	N/A	Call	20	FL
Secondary Water Barrier	N/A	Call	20	FL
Sill Plate Attachment Strengthening	N/A	Call	20	FL
Storm Shutters	Dimensions Type: storm panel, accordion, colonial, bahama, rolldown, hurricane glass	Call	20	FL
Waterproofing - Basement Membrane	Square footage	\$20/sf	20	FL
Wind Resistant Roofing	Square footage	\$15/sf	20	FL
Wind Resistant Shingles	Square footage	\$10/sf	20	FL

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