

## Residential Eligible Improvements and Guidelines

To qualify for Ygrene funding, all project improvements must meet or exceed applicable local, state and federal codes and standards, and be installed by Ygrene Certified contractors or participating property owners in accordance with manufacturer recommendations. In California, all improvements must 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).

PRODUCT TYPE	REQUIRED CONTRACT DETAIL	PRICING GUIDELINES	MAX TERMS (YEARS)*	STATE
<b>Alternative Energy</b>				
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
Standby Generator <sup>1</sup>	kW, Fuel Type	\$1,500/kW	20	FL
Wind Turbine	Power output (kW)	\$45,000/system	20	CA, FL
<b>Building Envelope</b>				
Air Sealing	% Reduction	\$11,250	20	CA, FL
Electrical Panel Upgrade	TBD	\$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	R-value > 2 Square footage	\$10	10	CA, FL
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
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
Roof Installation	Square footage (roof) Prescriptive <sup>2</sup> Performance <sup>3</sup>	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 polyurethane (closed cell): \$20/sf	30	CA, FL
Weather Stripping	# Windows # Doors	\$100/ea	20	CA, FL
<b>Heating, Ventilation, Air Conditioning (HVAC)</b>				
Central HVAC	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)	<9 kBtu: \$6,000 >9-14 kBtu: \$6,300 >14-22 kBtu: \$6,500 >22 kBtu: \$20,200	20	CA, FL

\*Maximum terms are 25 years in Sacramento County and Chula Vista and 20 years in Florida.

<sup>1</sup> Must be attached to the property.<sup>2</sup>Prescriptive (indicate which applies): Solar Reflectance (must be greater than 0.15); Thermal Emittance (must be greater than 0.7); CRRC Product ID. <sup>3</sup>Performance (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.

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	\$5,000	20	CA, FL
Energy Efficient Gas Boiler System	N/A	\$22,000	30	CA, FL
Evaporative Cooler	N/A	\$5,000	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
Heat Pump, Geothermal	Energy use (EER) Coefficient of Performance (COP)	\$7,765	20	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)	\$2,500	25	CA, FL
<b>High-Efficiency Water Heating</b>				
Hot Water System Controller	N/A	\$1,500	15	CA, FL
Smart Recirculating Hot Water System	N/A	\$4,000	20	CA, FL
Water Heater, Storage	Type: electric, gas Storage size (Gal) Efficiency	≤30 Gal electric: \$8,500 gas: \$8,500 >30-50 Gal electric: \$8,500 gas: \$8,500 >50-75 Gal electric: \$8,500 gas: \$8,500 >75 Gal electric: \$11,500 gas: \$11,500	15	CA, FL
Water Heater, Tankless	Energy factor ≥ 0.9 Max Btu/hr	(Energy factor x Btu/hr) x 0.08	20	CA, FL
<b>High-Efficiency Lighting, Appliances</b>				
Energy Efficient Appliances (Affixed to property)	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
<b>High-Efficiency Pool Equipment</b>				
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
<b>Indoor Water Efficiency</b>				
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	Square footage	\$25/sf	30	CA

Waterless Urinals	# Urinals	\$1000/ea	20	CA
<b>Outdoor Water Efficiency</b>				
Artificial Turf	Square footage	\$20/sf	15	CA
Drip Irrigation	Square footage % Water savings over existing system	\$10/sf	20	CA
Drought Tolerant Landscaping	Square footage	\$40/sf	20	CA
Gray Water System	N/A	\$10,000	20	CA
Gutters <i>(In Florida, must be accompanied by roof replacement or water collection system)</i>	Linear feet	\$15/lf	30	CA
Hardscape <i>(Must replace turf or irrigated landscaping)</i>	Type: pavers, decking, concrete Square footage	Pavers: \$40/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	Linear feet	\$350/lf	30	CA
Weather-Based Irrigation Controller	# Stations	\$1,000	20	CA
<b>Seismic</b>				
Lateral Systems, Shear Walls	Material Type: Wood, Steel Type: Pre-Fab, Site-Built Quantity Square Feet Description of work	Call	30	CA
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	# Columns Description of work	Call	30	CA
Lateral Systems, Frame Strengthening	# 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
<b>Solar Photovoltaic</b>				
Solar PV System <i>(Must include panel upgrade; roof repairs associated with system)</i>	# Solar panels Panel size (W) Inverter type: string, micro, w/optimizers # Inverters Inverter size (W)	\$5.50/watt \$4.00/watt	30 30	CA FL
<b>Solar Thermal</b>				
Solar Pool Heating	N/A	\$10,000	20	CA, FL
Solar Water Heating	Type: evacuated tube, plastic collector	\$15,000	20	CA, FL
<b>Windows, Doors, Skylights</b>				
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	\$2,500	20	CA, FL
Patio Covers	Square footage	\$60/sq ft	20	CA, FL
Shutter, Exterior	# Shutters	\$1,500	20	CA, FL
Skylights	# Skylights	\$3000	30	CA, FL
Sunroom	Square footage	\$300/sf	30	CA
Windows	# Windows	\$2500/ea	30	CA, FL
Window Film	# Windows	\$285/window	10	CA, FL
Window & Door Blinds, Interior	# Interior blinds	\$1,500	20	CA, FL
Window & Door Shutters, Interior	# Shutters	\$2,000	20	CA, FL
<b>Wind Resistant Measures</b>				
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	# Openings 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	asphalt shingles: \$15/sf modified bitumen: \$15/sf membrane/TPO: \$15/sf applied coating/foam: \$15/sf metal roof: \$15/sf clay/concrete tile: \$20/sf built up roof: \$15/sf wood shake: \$15/sf polyurethane (closed cell): \$20/sf	20	FL
Wind Resistant Shingles	Square footage	\$10/sf	20	FL