

# Eligible Improvements & Guidelines



In order to qualify for Ygrene funding, all projects 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.

## Alternative Energy Upgrades

PRODUCT TYPE	ELIGIBLE UPGRADE MEASURE	USEFUL LIFE (YEARS)
Alternative Energy		
	Alternative Energy Storage System	10
	Co-generation System	20
	Electric Vehicle Charging Station	20
	Fuel Cell Power System	20
	Hydrogen Fuel Power System	20
	Natural Gas System	20
	Wind Turbine Power System	20
	Emerging Technologies	Call
	Custom Measures (with management approval)	varies

## Renewable Generation Upgrades

PRODUCT TYPE	ELIGIBLE UPGRADE MEASURE	USEFUL LIFE (YEARS)
Solar Photovoltaic		
	Solar Photovoltaic System	30
	Solar Inverter (free-standing)	10
	Emerging Technologies	call
	Custom Measures (with management approval)	varies
Solar Thermal		
	Solar Thermal Water Heating	20
	Solar Thermal Pool Heating	20
	Custom Measures (with management approval)	varies

## Energy Efficiency Upgrades

PRODUCT TYPE	ELIGIBLE UPGRADE MEASURE	USEFUL LIFE (YEARS)
High-Efficiency Lighting		
	Indoor LED Lighting Fixture	20
	Lighting Control System	20+
	Outdoor LED Lighting Fixture	20
	Custom Measures (with management approval)	varies
High-Efficiency Pool Equipment		
	Automatic Pool Cover	10
	Electric Heat Pump Pool Heater	20
	Gas Pool Heater	20
	Pool Pump and Motor	20
	Custom Measures (with management approval)	varies

## Energy Efficiency Upgrades (cont'd)

PRODUCT TYPE	ELIGIBLE UPGRADE MEASURE	USEFUL LIFE (YEARS)
<b>Building Envelope</b>		
	Air Sealing	20
	Cool Wall Coating	20
	Insulation - Attic	50+
	Insulation - Exterior	20
	Insulation - Hot Water Pipe	30
	Insulation - Under-floor	50+
	Insulation - Wall	50+
	Insulating Carpet	10
	Radiant Barrier	20
	Reflective Paint	10
	Roofing - Cool	30
	Roofing - Insulated	30
	Roofing - Reflective	30
	Weather Stripping	20
	Custom Measures (with management approval)	varies
<b>Heating, Venting &amp; Air Conditioning (HVAC)</b>		
	Air Conditioner - Central	20
	Air Conditioner - Mini-Split	20
	Air Filtration System	20
	Biomass/Wood Stove	20
	Boiler	20-40
	Duct Replacement	20
	Duct Sealing	20
	Evaporative Cooler	20
	Fan - Ceiling	20
	Fan - Whole House	20
	Furnace - Electric	20
	Furnace - Gas	20
	Heat Pump - Geothermal	20
	Heat Pump - Mini-Split	20
	HVAC Systems	20
	Hydronic Radiant Heating System	20
	Ventilation System	25
	Ventilator - Exhaust Fixture	25
	Ventilator - Heat/Energy Recovery	25
	Custom Measures (with management approval)	varies
<b>High-Efficiency Water Heating</b>		
	Electric Heat Pump Storage Water Heater	20
	Electric Tankless Water Heater	20
	Gas Storage Water Heater	20
	Gas Tankless Water Heater	20
	Heating Water Circulating Pump	20
	Heating Water Controller	20
	Recirculation Hot Water System	20
	Whole House Water Manifold System	20
	Custom Measures (with management approval)	varies

## Energy Efficiency Upgrades (cont'd)

PRODUCT TYPE	ELIGIBLE UPGRADE MEASURE	USEFUL LIFE (YEARS)
Windows, Doors and Skylights		
	Additional building openings to provide natural light	50+
	Doors	50+
	Exterior Window Shading Device	10
	Glass Doors - Sliding	30
	Glass Doors - French	30
	Light Tubes	20
	Skylights	30
	Windows	30
	Window Filming	10
	Custom Measures (with management approval)	varies

## Water Conservation Upgrades

PRODUCT TYPE	ELIGIBLE UPGRADE MEASURE	USEFUL LIFE (YEARS)
Indoor Water Efficiency		
	Core Plumbing System (to replace/repair leaks)	20
	Demand Hot Water System	20
	Demand Water Softener	20
	Faucet Aerators	20
	High-efficiency Faucet Fittings	20
	High-efficiency Showerheads	20
	High-efficiency Toilets	50+
	High-efficiency Toilet Fixtures	50+
	Hot Water Delivery System	20
	Recirculation Hot Water System	20
	Waterless Urinals	20
	Custom Measures (with management approval)	varies
Outdoor Water Efficiency		
	Artificial Turf	15
	Drip Irrigation System	20
	Drought Tolerant Landscaping	20
	Gray Water System	20
	High-efficiency Sprinkler Nozzle	10
	High-efficiency Irrigation Pump	20
	High-efficiency Irrigation System	20
	Irrigation Control System	20+
	Rainwater Catchment System	20
	Weather-based Irrigation Controller	20+
	Custom Measures (with management approval)	varies

## Wind Resistant Measures (FLORIDA ONLY)

PRODUCT TYPE	ELIGIBLE UPGRADE MEASURE	USEFUL LIFE (YEARS)
Wind Resistant Measures (FLORIDA)		
	Gable-end Bracing	20
	Cable Hold-Downs	20
	Foundation Strengthening	20
	High-Impact Doors	20
	High-Impact Windows	20
	Opening Protections	varies

## Wind Resistant Measures (FLORIDA ONLY) (cont'd)

PRODUCT TYPE	ELIGIBLE UPGRADE MEASURE (Cont'd)	USEFUL LIFE (YEARS)
Wind Resistant Measures (FLORIDA)		
	Roof Deck Attachment Strengthening	20
	Roof-to-Wall Reinforcement	20
	Secondary Water Barrier	20
	Sill Plate Attachment Strengthening	20
	Storm Shutters	20
	Waterproofing	20
	Wind Resistant Roofing	20
	Wind Resistant Shingles	20
	Custom Measures (with management approval)	varies

## Additional Building Improvements (NON-RESIDENTIAL)

PRODUCT TYPE	ELIGIBLE UPGRADE MEASURE	USEFUL LIFE (YEARS)
Control Systems		
	Building Energy Management Control Systems	20+
	Elevator Motors and Controls	20-30
	HVAC Duct Zoning Control System	20+
	HVAC Control System	20+
	Industrial Process Equipment Motors and Controls	20+
	Irrigation Pumps and Controls	20+
	Kitchen Exhaust Air Volume Control System	20+
	Lighting Control System	20+
	Custom Measures (with management approval)	varies
High-Efficiency Lighting		
	High-efficiency Lighting (classroom, office, industrial, etc.)	20
	Occupancy Sensor Lighting	20
	Lighting Control System	20+
	Refrigeration Case Lighting with Occupancy Sensors	20
	SMART Parking Lot Fixtures	20
	SMART Parking Garage Fixtures	20
	SMART Pathway Lighting	20
	SMART Wall Pack Fixtures	20
	Task Ambient Lighting	20
	Wireless Lighting Controls	20+
	Custom Measures (with management approval)	varies
Water Efficiency		
	Cooling Condensate Reuse	20
	Cooling Tower	25
	Cooling Tower Controllers	25
	Core Plumbing System (to replace/repair leaks)	20
	Deionization Equipment	20
	Industrial Process Water Reuse	20
	Pre-rinse Spray Valves	20
	Recycled Water Sources	20
	Custom Measures (with management approval)	varies