

SCEIP Eligible Improvements

Building Type	Improvement Category	Improvement Name	Requirement Spec	Effective Useful Life (EUL)
All	Energy Efficiency	Advanced Energy Storage - emerging technology and battery	PG&E Self Generation Guidelines	10
All	Energy Efficiency	Attic Fan - Solar	no A/C power required	20
Commercial	Energy Efficiency	Building Energy Management System	Custom	15
All	Generation	Co-generation System	Custom	15
Residential	Energy Efficiency	Cool Roof	CRRC rated Must have AC with ducts in attic	20
Commercial	Energy Efficiency	Cool Roof System	CRRC / Title 24	20-40
Commercial	Water Conservation	Cooling Condensate Reuse	Custom	13-20
Commercial	Water Conservation	Cooling Tower Conductivity Controllers	Custom	13
All	Water Conservation	Core Plumbing System	EPA Watersense	20-30
Commercial	Energy Efficiency	Curtain Wall Coatings, Reflective	CRRC / Title 24 / Energy Star / ≥ 0.39 reflectance and ≥ 0.88 emittance	10
Commercial	Water Conservation	Deionization	Custom	TBD
All	Energy Efficiency	Doors, Glass	U 0.32 or less, SHGC 0.25 or less	20
All	Energy Efficiency	Doors, Solid, Insulating	Energy Star	20
Commercial	Energy Efficiency	Duct Insulation	R8	20
Residential	Energy Efficiency	Duct Insulation	R8	20
All	Energy Efficiency	Duct Replacement	R8 minimum insulation rating/Title 24	20
All	Energy Efficiency	Duct Sealing	Title 24, Energy Star	20
Residential	Energy Efficiency	Electric Vehicle Plug-in Station	UL/Local Code	TBD
Commercial	Energy Efficiency	Electric Vehicle Plug-in Station	UL/Local Code	TBD
All	Energy Efficiency	Electronic Air Cleaner/Filter	(i.) Electronic Air Cleaner /Filter, high efficiency for use with HVAC systems – Whole Building (ii.) Input Power: 24Volts AC (iii.) Output Power: 24KV DC Nominal (iv.) Rated Static Pressure: 0.25" initial @ 500FPM (v.) Minimum Depth Thickness: 2.0" Nominal (vi.) Recommended media changes per year: 1-2 per year (vii.) Ozone production: 0 PPB detectable	15
Commercial	Generation	Emerging Technology High intensity (parabolic solar panels)	CEC	TBD
Commercial	Generation	Emerging Technology Nano/thin Film Photovoltaic	CEC	TBD
Residential	Energy Efficiency	Encapsulated Crawl Space	Class 1 Vapor Retarder Material	20
Residential	Energy Efficiency	Exterior Siding, Insulating	Minimum R value of 3.0	25-30
Commercial	Water Conservation	Faucet w/ Fixed Aerator	0.50 gpm	15-20
Residential	Water Conservation	Faucet w/ Fixed Aerator	≤ 1.50 gpm	20
Commercial	Water Conservation	Filter Upgrade	Custom	TBD
Commercial	Water Conservation	Foundation Drain Water	Custom	15
All	Generation	Fuel Cells	Approved CEC Self-Generation Incentive Program and/or Federal Investment Tax Credit (FITC)	15
All	Energy Efficiency	Geothermal Well Drilling	Custom	37.5
All	Water Conservation	Graywater System	Local Codes	15
Commercial	Energy Efficiency	High Efficiency Electric Hand Dryer	TBD	5
Residential	Energy Efficiency	Home Energy Management Control System, Permanent	Custom	15
All	Water Conservation	Hot Water Heater, Instantaneous	UL and IAPMO listed	15-20
All	Water Conservation	Hot Water Recirculation System	UL and IAPMO listed	15

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All	Water Conservation	Hot Water System, Demand Initiated	UL and IAPMO listed	10
Commercial	Energy Efficiency	HVAC - Package Unit	13 SEER or 11 EER	15
Residential	Energy Efficiency	HVAC - Package Unit	≥ 14 SEER/11 EER	15
All	Energy Efficiency	HVAC Air Conditioning - Split System Unit	14 SEER or 12 EER	15
Residential	Energy Efficiency	HVAC Combined Hydronic System	COP Title 24	15-20
Commercial	Energy Efficiency	HVAC Duct Zoning Control System	Custom	15
Residential	Energy Efficiency	HVAC Duct Zoning Control System	Custom	15
Residential	Energy Efficiency	HVAC Ducted Heat Pump System - w/cooling	SEER ≥ 15 or EER ≥ 12.5 or HSPF ≥ 7.0	15
Residential	Energy Efficiency	HVAC Ductless Split System Heat Pump - w/cooling	SEER ≥ 15 or EER ≥ 12.5 or HSPF ≥ 7.0	15
Residential	Energy Efficiency	HVAC Furnace, Gas	≥ 90 AFUE	20
All	Energy Efficiency	HVAC Heat Pumps - Geothermal Exchange Closed Loop	≥ 15.5 EER	20
All	Energy Efficiency	HVAC Heat Pumps - Geothermal Exchange Open Loop	≥ 17.8 EER	20
All	Energy Efficiency	HVAC, Evaporative Coolers	Separate duct system, max 5 g/ton-hour cooling	15
Residential	Energy Efficiency	Hydronic Radiant Heat	Must be in combination with efficient water heating or Energy Star qualified Boiler with AFUE of 85% or greater	30
Commercial	Water Conservation	Industrial Process Water Use Reduction	Custom	TBD
Residential	Energy Efficiency	Insulation, Attic	R38 minimum	20
Residential	Energy Efficiency	Insulation, Crawlspace	R19 minimum	20
All	Energy Efficiency	Insulation, Hot Water Pipes	R4	12
All	Energy Efficiency	Insulation, Reflective or Radiant Barriers	BEAR-HFTI per CEC	20
All	Energy Efficiency	Insulation, Sub-floor	R19 minimum	20
Residential	Energy Efficiency	Insulation, Wall	2x4 = R13 or 2x6 = R19	20
All	Water Conservation	Irrigation Control System	ET Weather Based with Rain Sensor/ Shut-off	10
All	Water Conservation	Irrigation System	Matched Precipitation rate spray heads or drip	20
All	Energy Efficiency	Lighting Control Systems with Occupancy Sensors	UL Listed - Title 24 compliant	10
All	Energy Efficiency	Lighting, High Efficiency, Hard-Wired Fixtures	Energy Star, UL Listed, Title 24 Compliant	16
Commercial	Energy Efficiency	Motors and Controls	Custom	15
Commercial	Generation	Photovoltaic (PV) Systems	CEC	20-25
Residential	Generation	Photovoltaic (PV) Systems - Ground Mount	CEC	20-25
Residential	Generation	Photovoltaic (PV) Systems - Rooftop	CEC	20-25
All	Energy Efficiency	Pool Equipment, Pool Circulating Pumps	variable flow and/or multi-speed with controllers	15
Commercial	Water Conservation	Pre-rinse Spray Valves	1.2 gpm	5
Residential	Generation	PV Hybrid System (Solar, Solar Thermal, Heating)	IAPMO	20-25
All	Water Conservation	Rainwater Cistern	Permanently Installed	15
Commercial	Water Conservation	Recycled Water Source	Custom	15
All	Energy Efficiency	Sealing, Whole Building	Energy Star	17.5
Residential	Other	Service Panel Upgrade	Per local codes - Must incorporate approved improvement	20
All	Water Conservation	Showerhead	≤ 1.50 gpm	10
All	Energy Efficiency	Skylights	U value 0.58 or less	30
All	Energy Efficiency	Solar Thermal Systems for Hot Water	Rated by SRCC	35
All	Energy Efficiency	Solar Thermal Systems for Pool Heating-Evacuated Tubes	Rated by SRCC	20
All	Energy Efficiency	Solar Thermal Systems for Pool Heating-Panels	Rated by SRCC	20
All	Energy Efficiency	Solar Tubes	U value 0.58 or less	20
All	Water Conservation	Toilets, High Efficiency	≤ 1.28 gpf	20

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Commercial	Water Conservation	Urinals	1 pint	10
Commercial	Water Conservation	Urinals, Waterless	waterless	10
Residential	Energy Efficiency	Ventilation for .35 ACH	Energy Star	17.5
Commercial	Water Conservation	Vineyard Fan - For frost protection	Permanently installed and electric fueled	20
All	Energy Efficiency	Water Heater, Heat Pump	≥ 2.0 EF	10
All	Energy Efficiency	Water Heater, Gas Storage	≥ 0.67 EF	11
All	Energy Efficiency	Water Heater, Tankless	≥ 0.82 EF	20
All	Water Conservation	Water Softener, Demand Initiated	Custom review	15
All	Energy Efficiency	Weather-stripping	Energy Star	5
Residential	Energy Efficiency	Whole House Fan System	2-speed or variable speed and "WHF shall have insulated covers or louvers which close when the fan is off. Covers or louvers shall have a minimum insulation value of R-4.2	20
All	Water Conservation	Whole House Water Manifold System	Energy Star	20-30
All	Generation	Wind Turbine	ITAC certified list	15-20
All	Energy Efficiency	Window Filming	NFRC glazing ratings	10
All	Energy Efficiency	Windows	CZ 2 - U 0.32 or less, SHGC 0.25 or less CZ 1 - U 0.32 or less	20