



# Joint IOU Compliance Filing - ESA Measure Treatment Tier Advice Letter

(Note: The contents of this presentation are draft and subject to change pending further refinements by the IOUs)

Low Income Oversight Board Subcommittee Meeting  
Webex  
August 12, 2021

# Energy Savings Assistance Program Directive

Commission Decision (D.) 21-06-015 approves the applications of the four major California Investor Owned Utilities: Pacific Gas and Electric Company (PG&E), Southern California Edison Company (SCE), Southern California Gas Company (SoCalGas), and San Diego Gas & Electric Company (SDG&E), (collectively IOUs or Utilities) and sets forth the parameters for the administration of the California Alternate Rates for Energy (CARE), the Family Electric Rate Assistance (FERA) and the Energy Savings Assistance (ESA) Programs.

The decision directs the IOUs administration of the CARE, FERA, and ESA Programs and approves budgets for the 2021-2026 program cycle.

PU Code Section 2790 requires the CPUC to provide energy efficiency services to qualifying low-income households. This program provides energy efficiency services such as weather stripping, insulation, and appliance upgrades to help these Californians better manage their energy bills.



# Energy Savings Assistance Program Advice Letter Criteria

D.21-06-015 Ordering Paragraph 58 directs the IOUs to file a joint Tier 2 Advice Letter (AL) within 90-Days of the Decision to develop a common set of measures within each segment Tier. Criteria for the AL included:

- ✓ IOUs list each treatment level, customer segment to be treated and measure(s) to be installed
- ✓ List whether these treatment, segments, and measure combinations are consistent or different the across IOUs
- ✓ Each combination also lists the estimated number of household treatments, and treatment cost per household, per IOU
- ✓ IOUs use consistent definitions and methodologies in describing and quantifying numbers of customers in a segment
- ✓ The product of the estimated number of households treatments and treatment cost per household across all segments is similar to the authorized Energy Efficiency Total



# Energy Savings Assistance Program Measure Tiers

Utility	PG&E		SDG&E		SCE		SoCalGas		All
Measure <sup>1</sup>	Proposed Tier <sup>2</sup>	Is Self Certification?	Proposed Tier	Is Self Certification?	Proposed Tier	Is Self Certification?	Proposed Tier	Is Self Certification?	Consistent?
Faucet Aerators Showerheads, Shower Valves	Basic	Y	Basic	Y	Basic	Y	Basic	Y	Y
Thermostatic Tub Spout/Diverter	Basic	Y	Basic	Y	N/A		Basic	Y	Y
LED A-lamp Bulbs	Basic	Y	Basic	Y	Basic	Y	N/A	N/A	Y
Power Strips <sup>3</sup>	Basic	Y	Basic	Y	Basic	Y	N/A	N/A	Y
LED Reflector Downlights	Plus	N	Plus	Y	Basic	Y	N/A	N/A	N
Exterior Hard Wired LED Fixtures	Plus	N	Plus	N	Basic	N	N/A	N/A	N
Refrigerators <sup>3</sup>	Plus	N	Plus	N	Basic	N	N/A	N/A	N
Smart Thermostat <sup>3</sup>	Plus	N	Basic	N	Basic	N	Plus	N	N
Special Segment Measures	Plus	N	Plus	N	Plus	N	Plus	N	Y

<sup>1</sup> Inclusive of multifamily in-unit measures for 2022 and is subject to change once the Multi-family Whole Building (MFWB) program is implemented.

<sup>2</sup> Additional Plus measures include HVAC and Water Heater repair, Replacement measures, Air Sealing, including Minor Home Repair, floor and attic insulation, and other utility specific proposed appliances and maintenance measures.

<sup>3</sup> Measures requiring modifications to dwellings, which includes grounding, such as refrigerators, portable air conditioners, and smart thermostats and exterior hard-wired fixtures are exempt from this requirement to be provided to self-certifying customers. The IOUs will only provide Power Strips to Basic customers that do not require grounding.



# Energy Savings Assistance Program Segment Specific Measures

Measures offered by IOU and segment type:

Measures	PG&E	SDG&E	SCE	SCG
Basic Measures	All	All	All	All
Plus Measures	All	All	HEU	All
Portable AC	MBL, DAC, Tribal	MBL	HEU	N/A
Cold Storage	Wildfire Threat	N/A	N/A	N/A
Air Purifiers	MBL and DAC/CARB	MBL and DAC/Tribal	N/A	N/A
Floor Insulation	HEU	N/A	N/A	N/A
Diagnostic Air Sealing	HEU	N/A	N/A	N/A



# Energy Savings Assistance Program Multifamily CAM Measures

HVAC	AC Motors, diagnostics, repairs, controllers, efficient fan controllers, room AC Heat pump split systems, FAU repair and replacements, evaporative coolers, heat pump slit systems, smart thermostats
Appliances	Clothes washers, dishwashers, freezers, refrigerators, convection ovens
LED Lighting	Interior and Exterior lighting and retrofit kits, LED Par Lamps, exit signs, parking garage fixtures, occupancy sensors
Envelope	Attic insulation, duct sealing, pipe, tank and wall insulation, windows, window film
Water Heating	Boiler controls, central boiler, aerators, showerheads, heat pump water heaters, solar, tank and tankless water heating, storage water heaters replacement and water heater repairs, demand-controlled recirculation pumps
Miscellaneous	Power strips, variable speed pool pumps, CO and Smoke Detectors

- Measures offered will vary between IOU, depending on commodity served and savings potential
- Measure mix may change once the MFWB program is implemented



# Energy Savings Assistance Program Reporting Categories and Segments

The directive requests the IOUs develop consistent definitions for the customer categories and segments listed in Table A3 of Attachment 3:

Demographic	Financial	Location	Health Condition
Housing Type	CARE	DAC	Medical Baseline
Rent vs. Own	Disconnected	Rural	Respiratory
Previous vs. New Participants	Arrearages	Tribal	Disabled
Seniors	High Usage	PSPS Zone	
Veterans	High Energy Burden	Wildfire Zone	
Hard-to-reach	SEVI	Climate Zone	
Vulnerable	Affordability Ratio	CARB Communities	

The IOUs are developing definitions based on previous Decisions across proceedings, or other sources available.



# Energy Savings Assistance Program

## Definition of HEU

Utility	Low	Medium	High
<b>PG&amp;E<sup>1</sup></b>	Up to 199% of Baseline kWh Up to 100% of Baseline Therms	200-399% of Baseline 101-199% of Baseline Therms	Electric: 400% of Baseline and above Gas: ≥ 200% of Baseline Therms
<b>SDG&amp;E<sup>1</sup></b>	Up to 199% of Baseline kWh Up to 100% of Baseline Therms	200-399% of Baseline 101-199% of Baseline Therms	400% of Baseline and above Gas: > 200% of Baseline Therms
<b>SCE<sup>1</sup></b>	Up to 199% of Baseline kWh	200%-299%, % of Baseline	300% and above
<b>SoCalGas</b>	Up to 100% of Baseline Therms	101-199% of Baseline Therms	≥ 200% of Baseline Therms during

<sup>1</sup> Primary driver for HEU is electricity per D.12-08-044 and D.16-11-022.





# Energy Savings Assistance Program Measure Mix

The Final measure mix has not been determined

- The utilities are in the process of completing the review of the measure mix using the 0.30 ESACET criteria and identify the ESACET results
- Utilities will review measures and determine if adjustments to measure mix are needed
- Additional runs of ESACET will be completed to reach the final measure mix
- Measures not meeting the .30 ESACET criteria may remain in the program with utility justification



# Energy Savings Assistance Program Treatment Targets and Cost per household

Estimated Household Treatments Per Attachment 1, Table 6

IOU	2022	2023	2024	2025	2026
PG&E <sup>1</sup>	59,340	60,437	54,876	52,954	51,099
SCE <sup>2</sup>	27,051	37,871	64,922	59,512	56,806
SoCalGas <sup>3</sup>	94,600	69,837	69,837	69,837	69,837
SDG&E <sup>4</sup>	13,760	11,711	14,138	14,780	16,065
<b>Total</b>	<b>194,751</b>	<b>179,857</b>	<b>203,773</b>	<b>197,083</b>	<b>193,807</b>

<sup>1</sup> PG&E -The household treatment targets for PY 2022 are for the Main ESA (Basic/Plus) Program, including all housing types (Single Family (SF), MF in-unit, and Mobile Homes (MH)). Household treatment targets for PYs 2023-2026 are for Main ESA (Basic/Plus) Program, including SF and MH. 2023-2026 treatment goals do not include: the MFWB Program (which includes Whole Building, MF in-unit and MF CAM), or the Staff Proposal Pilot (Pilot Plus/Deep).

<sup>2</sup> SCE - SCE treatment target includes both SF/MH Main ESA and Multifamily in-unit treatment estimates for PY 2022-2026.

<sup>3</sup> SoCalGas – The 2022 treatment target includes SF/MH Main ESA and MFWB Program (Whole Building, MF in-unit and MF CAM). After 2022, the treatment target includes SF/MH Main ESA and do not include the MFWB Program.

<sup>4</sup> SDG&E treatment target includes both SF/MH Main ESA and Multifamily in-unit treatment estimates for PY 2022-2026

The IOUs will provide an annual average cost per household in the Advice Letter filing



THANK YOU