

Self-Generation Incentive Program Overview

Program Manager: Jim Stevenson

March 10, 2020

New SGIP GHG Reduction Requirements

On 8/9/2019, the Commission issued D.19-08-001

➤ Commercial Projects

- Performance Based Incentive (PBI), regardless of system size.
- Reduce GHG emissions by 5 kg/kWh each year or be subject to PBI payment reductions of \$1/kg of GHG emissions.
 - SGIP PAs to contract with a qualified entity to provide a GHG Signal
 - GHG signal provides information needed to charge during low GHG emission periods and discharge during high-GHG emission periods
 - WattTime has been contracted to develop and maintain this GHG Signal.
 - GHG Signal website: <http://sgipsignal.com/>

➤ Residential Projects

- Required to enroll in an approved TOU rate (TOU-D-PRIME)

❖ Effective date: Residential 3/1/2020; Non-Residential 4/1/2020

Equity Resiliency Budget / Equity Budget

On 9/12/2019, the Commission issued D.19-09-027

- Modifies the existing **Equity Budget** incentives
 - Increased the incentive rate from \$0.50/Wh to \$0.85/Wh
- Establishes a new **Equity Resiliency Budget**
 - Customers qualifying for Equity Budget in HFTD; \$1.00/Wh
- Allocates some unused funds to the *San Joaquin Valley pilot*
 - PGE and SCE to allocate \$10M
- Heat Pump Water Heaters (HPWH) eligible for incentives
 - CPUC to host workshop on March 19, 2020

Budget Allocations

The reallocation of existing budgets provides the initial funding.

Equity Resiliency Budget

Program Administrator	Budget (in millions)
PG&E	\$44
SCE	\$34
CSE	\$13
SoCalGas	\$9
Total	\$100

Equity Heat Pump Water Heater Budget

Program Administrator	Budget (in millions)
PG&E	\$1.76
SCE	\$1.36
CSE	\$0.52
SoCalGas	\$0.36
Total	\$4

Decision 20-01-021

SGIP Revisions pursuant to Senate Bill 700

Table 1: Authorized Annual SGIP Ratepayer Collections, 2020-2024

Program Administrator	Percent ¹²	Annual Collection (in \$ millions)	Total Collection (in \$ millions)
PG&E	44	\$72	\$360
SCE	34	\$56	\$280
SDG&E	13	\$22	\$110
SoCalGas	9	\$16	\$80
Total	100	\$166	\$830

- SB 700 has authorized additional \$830M statewide for SGIP
- SCE share is \$280M with a large portion going to Equity Resiliency

Decision 20-01-021

SCEs Estimated Incentive Budget through 2025

<i>SCE / SGIP Incentive Budget</i>					Estimated TOTAL BUDGET 2020-2025
<i>As of 12/31/2019</i>	12.31.2019	D.19-09-027	D.20-01-021		
Category	Current	Adjusted	Budget Allocation	%	
Equity resiliency ES		\$ 34,000,000	\$ 176,400,000	63%	\$ 210,400,000
ES Large Scale > 10kW	\$ 74,269,774	\$ 62,385,327	\$ 28,000,000	10%	\$ 90,385,327
ES Res < 10kW	\$ 4,323	\$ 6,004,323	\$ 19,600,000	7%	\$ 25,604,323
Res Equity ES	\$ 2,592,343	\$ 2,592,343	\$ 8,400,000	3%	\$ 10,992,343
Non-Res Equity ES	\$ 20,050,820	\$ 15,050,820	\$ -		\$ 15,050,820
HPWH	\$ -	\$ 1,360,000	\$ 14,000,000	5%	\$ 15,360,000
SJV Pilot	\$ -	\$ 5,000,000	\$ -		\$ 5,000,000
Sub-Total	\$ 96,917,260	\$ 126,392,813	\$ 246,400,000		\$ 372,792,813
Generation	\$ 29,475,553	\$ -	\$ 33,600,000	12%	\$ 33,600,000
TOTAL	\$ 126,392,813	\$ 126,392,813	\$ 280,000,000		\$ 406,392,813

Current Program statewide metrics:

https://www.selfgenca.com/home/program_metrics

Equity Resiliency Incentives (Non-Residential)

Customer Eligibility	Incentive
<p>Non-residential customers with critical resiliency needs—defined as customers that provide critical facilities or critical infrastructure to a community eligible for the equity budget and located in a Tier 3 or Tier 2 HFTD or whose electricity was shut off during two or more discrete PSPS events prior to the date of application for SGIP incentives.</p> <ul style="list-style-type: none"> • Police Stations • Fire Stations • Emergency Response Providers • 911 Call Centers • Hospitals • Skilled Nursing Facilities • Nursing Homes • Blood Banks • Health Care Facilities • Dialysis Centers • Hospice Facilities • Independent living centers • Gas, Electric, & Water Facilities • Wastewater or Flood Control Facilities • Jails and Prisons • IOU assistance centers during PSPS events • Cooling Centers designated by state, local or tribal governments. • Homeless Shelters (Government supported) • Qualifying grocery stores, markets, supermarkets • Food banks 	<p>\$1.00/Wh</p>

Equity Incentives

Customer Eligibility	Incentive
<p>For the Equity Budget, residential projects are classified as multi-family low-income housing or single-family low-income housing.</p> <ul style="list-style-type: none">➤ Eligible multi-family housing:<ul style="list-style-type: none">• Multi-family residential building of at least five rental housing units that is operated to provide deed-restricted low-income residential housing, and<ul style="list-style-type: none">• is either located in a disadvantaged community, or• is a building where at least 80% of the households have incomes at or below 60% of the area median income.➤ Eligible single-family low-income residences sold at an affordable housing cost to a lower income household that is subject to:<ul style="list-style-type: none">• a resale restriction, or;• an equity sharing agreement, for which the homeowner does not receive a greater share of equity than described in paragraph (2) of subdivision (c) of Section 65915 of the Government Code, with a public entity or nonprofit housing provider organized under Section 501(c)(3) of the Internal Revenue Code .➤ Additionally, the Equity Budget is available to residential customers who have participated or who are eligible for the SASH or DAC-SASH programs.	\$0.85/Wh

Equity Incentives

Customer Eligibility	Incentive
<p>Non-residential projects: For the Equity Budget, a non-residential project must meet one of the following customer criteria:</p> <ul style="list-style-type: none">• Local governmental agency• State governmental agency• Educational institution• Non-profit organization• Small business <p>Additionally, the project site must be located in a disadvantaged or low-income community OR at least 50% of census tracts served are located within a disadvantaged or low income community.</p>	\$0.85/Wh

Inclusion of Indian Country in California

Indian Country in California, as defined in 18 USC 1151, is considered as being a disadvantaged community for purposes of the SGIP Equity Budget. Thus, projects in these areas are eligible for the Equity Budget. However, non-Indian residences or businesses on privately owned fee land in Indian Country are not eligible under this expanded definition. If the in-holding has multiple owners, at least one owner must be a tribe or tribal member for the project to be eligible.

General Market

General Market Budget as of 3/2/2020

➤ Large Scale Energy Storage

- Step 3 with \$36M available funds
- \$0.35/Wh
- *Pending*: \$0.15/Wh resiliency adder for general market large-scale storage projects for non-residential customers with critical resiliency needs.

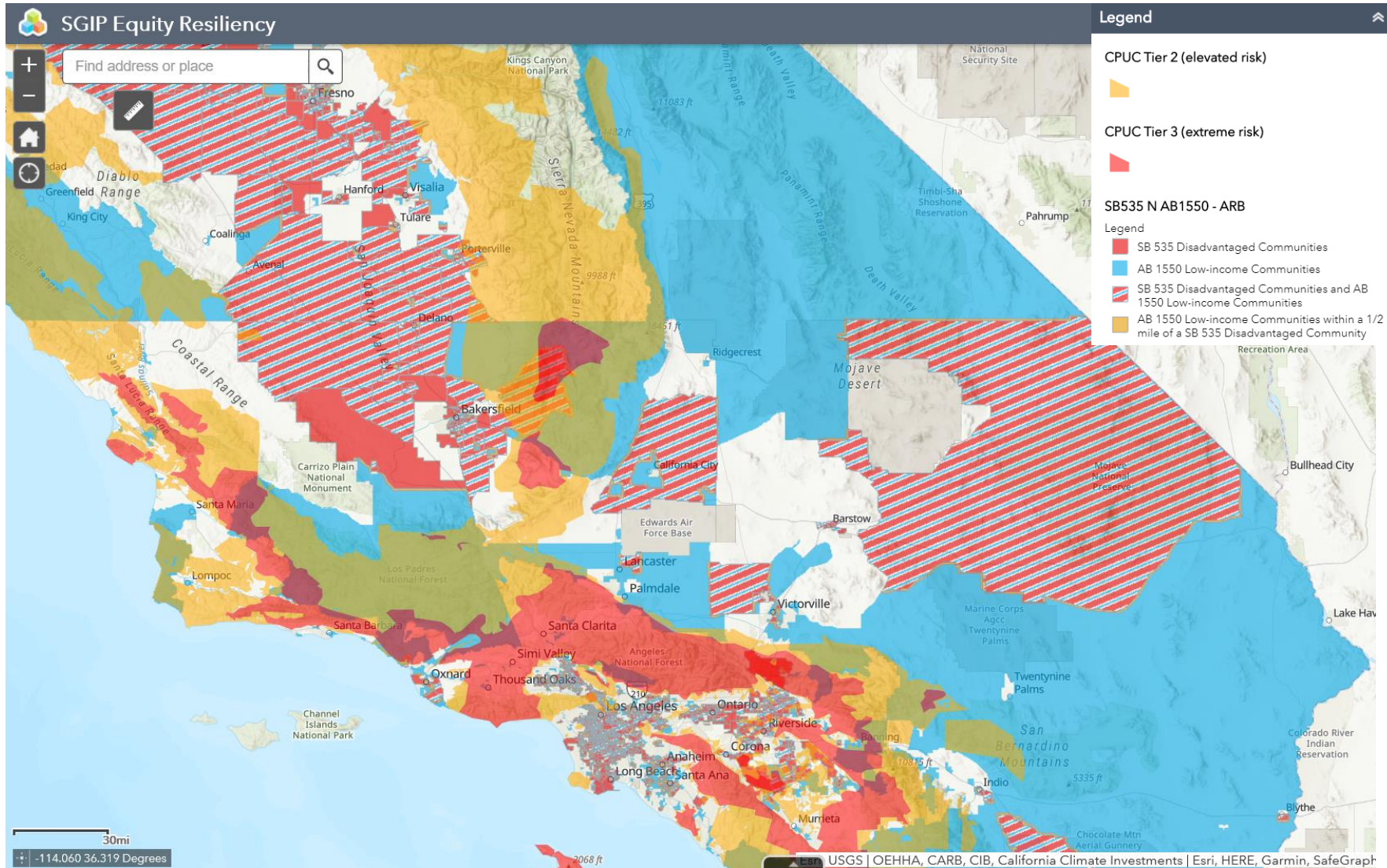
➤ Small Residential Energy Storage (10kW or less)

- Step 5 with \$2.4M available funds
- \$0.25/Wh

➤ Renewable Generation

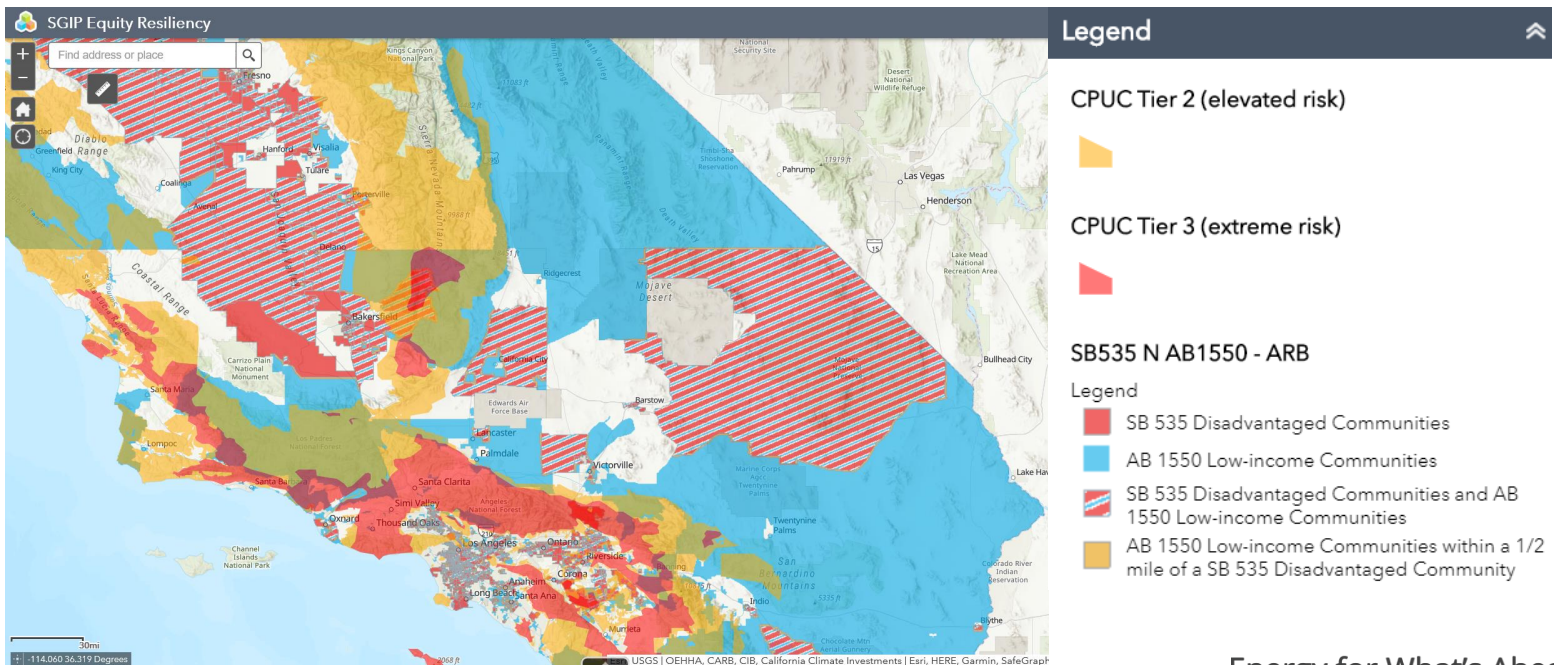
- *Pending*: Incentive Rate of \$2.00/W
- Renewable generation resiliency adder incentive of \$2.50/W
 - Customers eligible for the equity resiliency budget and general market customers with critical resiliency needs as defined here are eligible for the renewable generation resiliency adder.

Equity Resiliency and Equity Map



Contact Us

- Visit us at www.sce.com/sgip
- Statewide <https://www.selfgenca.com>
- SGIP Equity Resiliency Map <https://sce2.maps.arcgis.com/apps/webappviewer/index.html?id=e4d7d4cc0c0743dbb836f3177a021074>
- Email program questions to SGIPGroup@sce.com



Thank You!

Equity Resiliency Incentives (Residential)

Customer Eligibility	Incentive
<p>Residential customers with critical resiliency needs— defined as customers residing in a Tier 3 or Tier 2 HFTD or whose electricity was shut off during two or more discrete PSPS events prior to the date of application for SGIP incentives and one of the following:</p> <ul style="list-style-type: none">(1) eligible for the equity budget;(2) eligible for the medical baseline program, as defined in D.86087, 80 CPUC 182;(3), a customer that has notified their utility of serious illness or condition that could become life-threatening if electricity is disconnected; or(4) Rely on electric pump wells for water supplies. <p>Customers living in Tier 3 or Tier 2 HFTD or whose electricity was shut off during two or more discrete PSPS events prior to the date of application for SGIP incentives who have incentives reserved in the SASH or DAC-SASH low-income solar program.</p>	\$1.00/Wh