
Self-Generation Incentive Program (SGIP)

3rd Quarter Workshop

Friday, September 24, 2021

Microsoft Teams Meeting

*Hosted by Southern California Edison (SCE), SoCalGas (SCG),
Center for Sustainable Energy (CSE), and Pacific Gas & Electric
Company (PG&E)*



Introduction

SCG: Jason Legner, Laura Diaz, Adrian Martinez, Jan Santos

CSE: Andi Woodall, Melissa Cintron

SCE: Vicky Velazquez

**PG&E: Brian Bishop, Ron Moreno, Ozzy Guzman, James Liu,
Jacklin Campos-Perez**

AESC: Dara Salour, Stephanie Raya

ED: Jonathan Lakey, Asal Esfahani



Microsoft Teams Meeting

- **Controls**

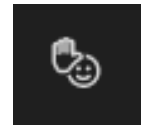


- **Please remain on Mute**



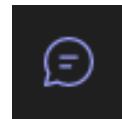
- **We have time reserved for questions after each presentation**

- You can ask your question by raising your hand



or

- You can have your question ready by entering it in the chat



Agenda (9:00am – 11:30am)

- **Welcome and Introduction**
- **SGIP Metrics**
- **Regulatory Updates**
- **Streamlining Updates**
 - **Residential Streamlining Updates**
 - **Non-Residential Streamlining Updates**
- **Stakeholder Q&A**

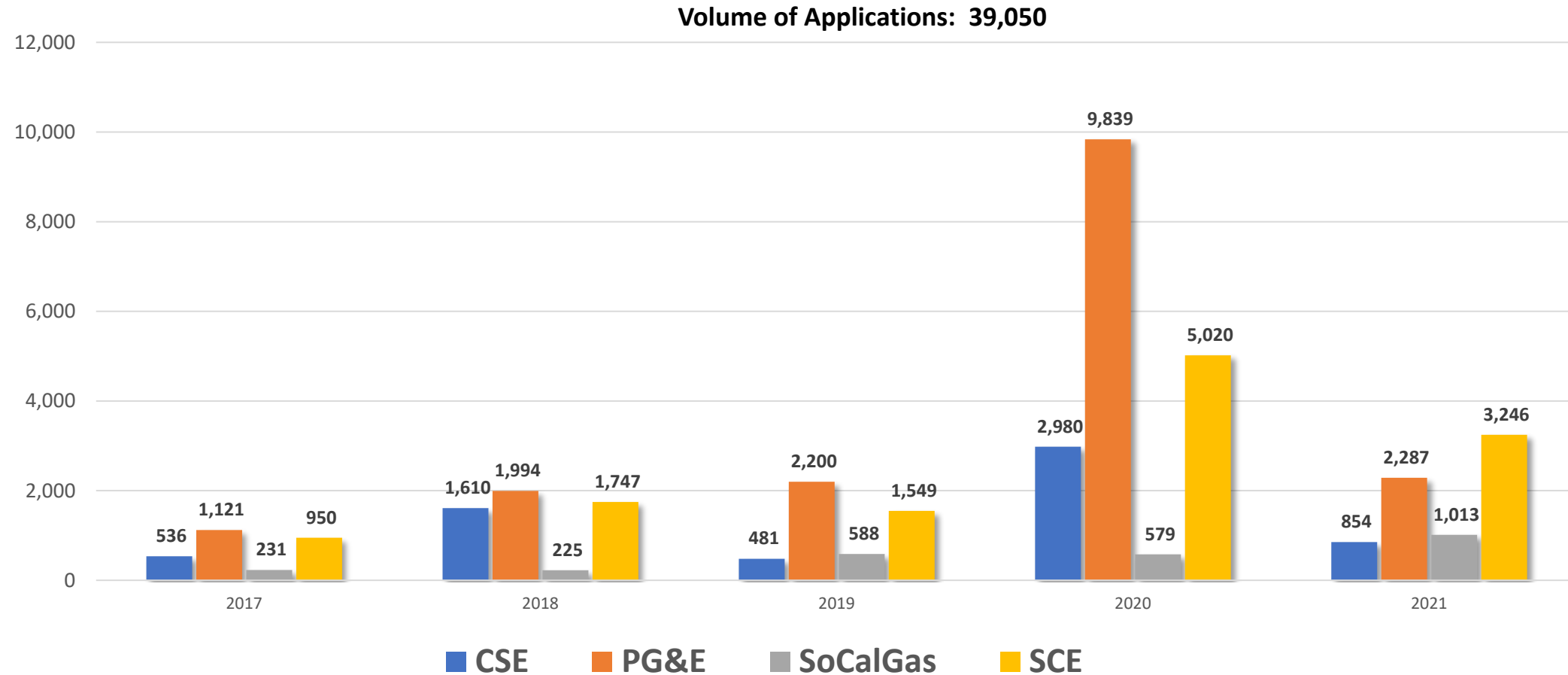


SGIP Metrics



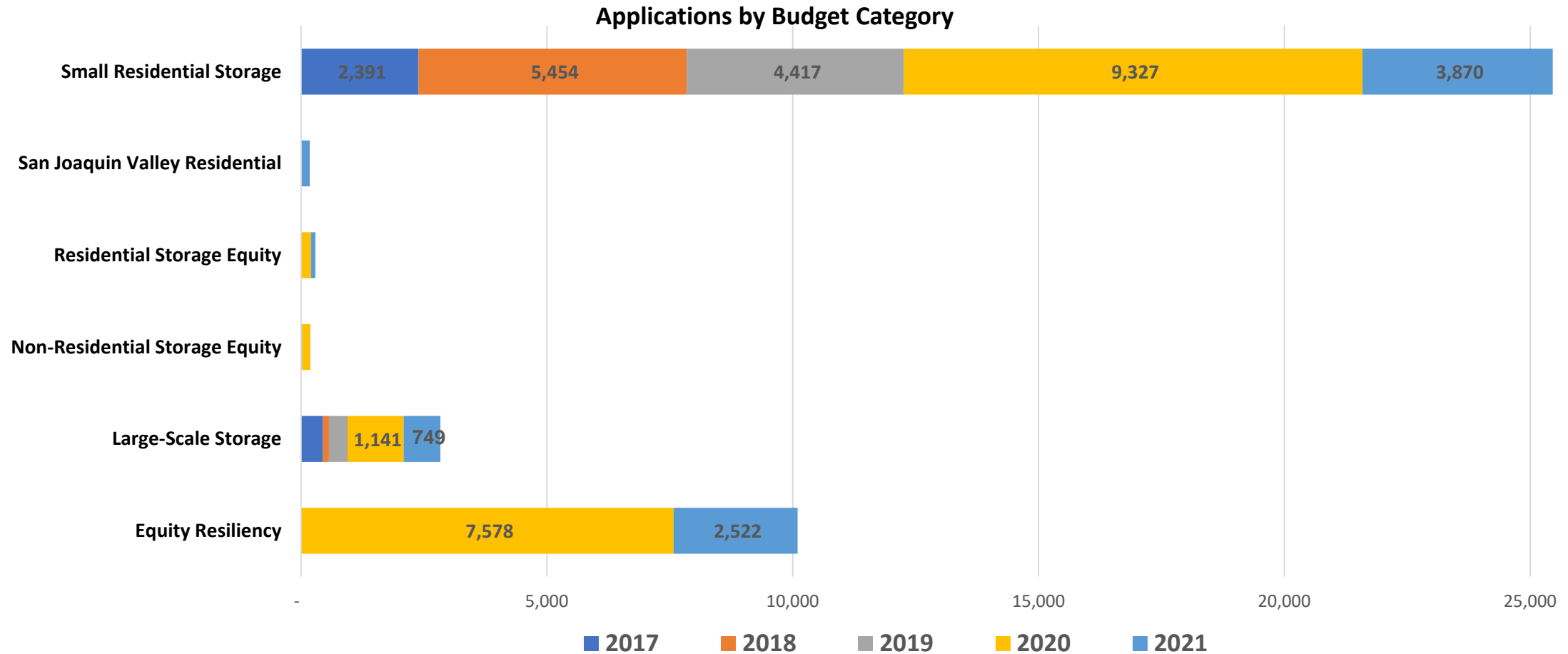
Volume of Applications by Program Year and PA

Energy Storage Data 2017 – 9/15/2021



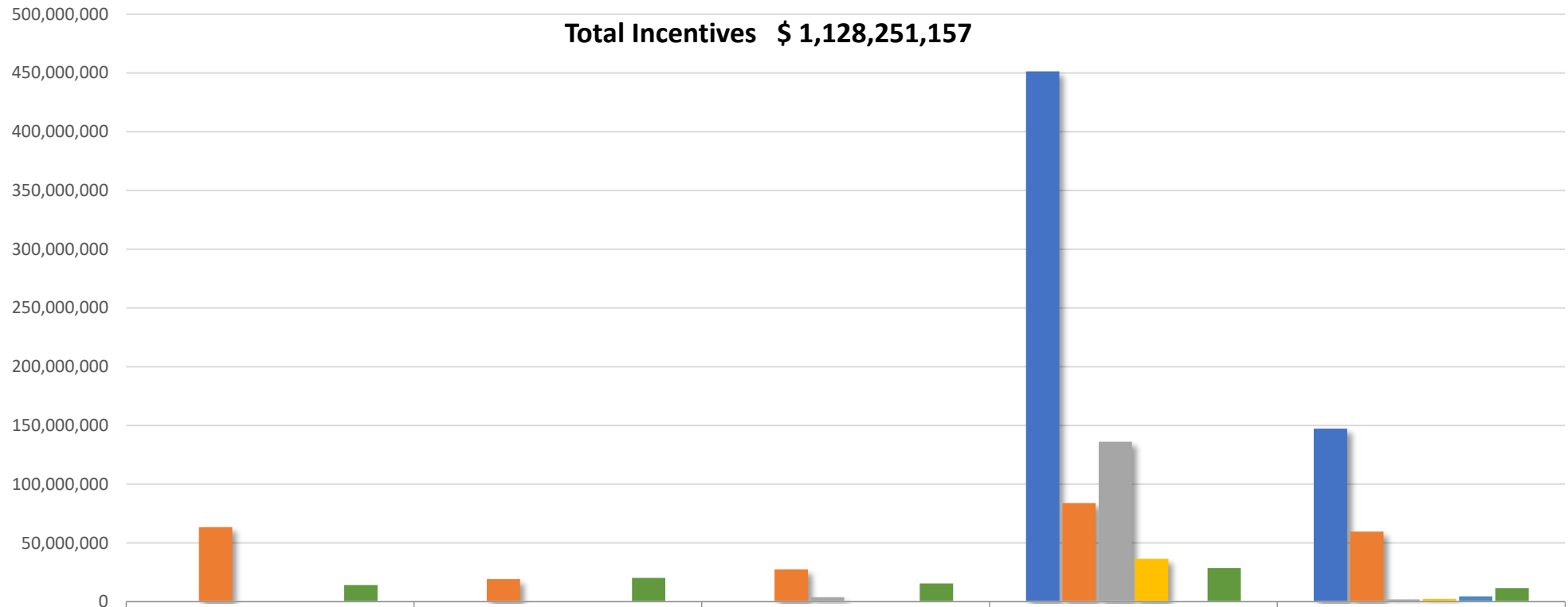
Volume of Applications by Program Year and Budget Category

Energy Storage Data 2017 – 9/15/2021



Total Incentives by Program Year and Budget Category

Energy Storage Data 2017 – 9/15/2021



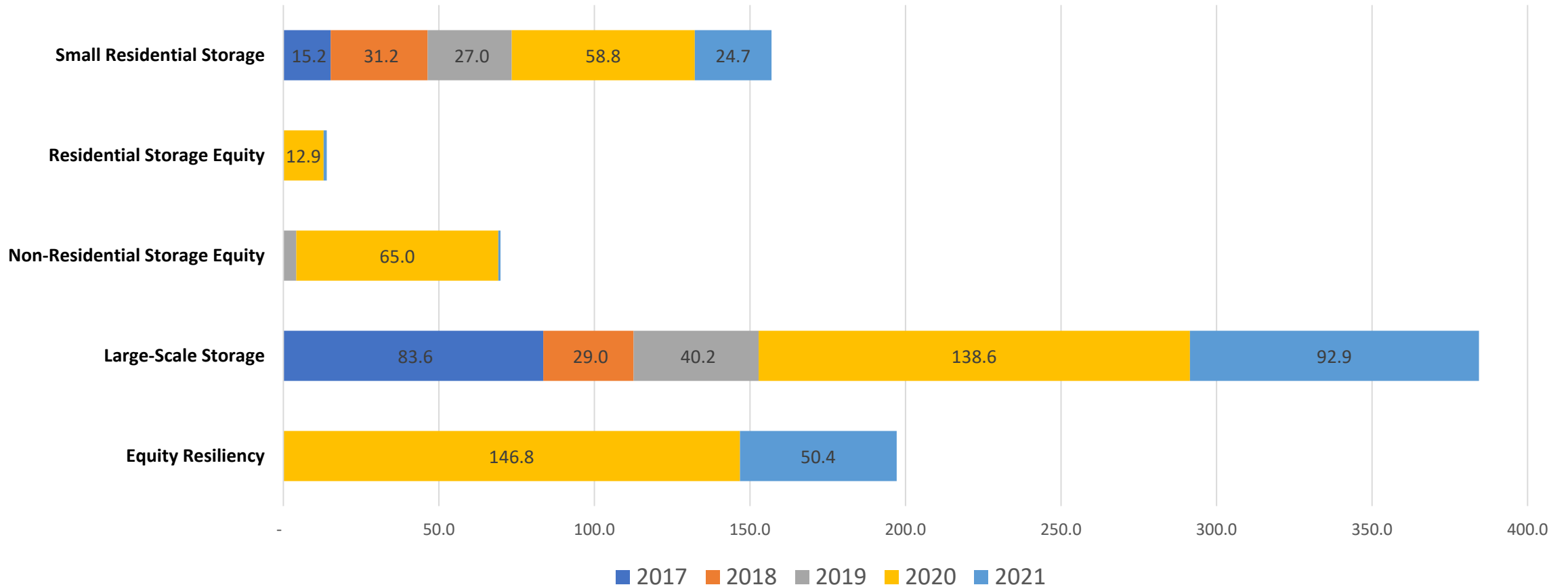
	2017	2018	2019	2020	2021
■ Equity Resiliency				\$451,413,783	\$147,287,127
■ Large-Scale Storage	\$63,438,434	\$19,185,447	\$27,531,719	\$83,974,795	\$59,691,238
■ Non-Residential Storage Equity			\$3,747,056	\$136,092,198	\$1,959,562
■ Residential Storage Equity		\$7,425	\$17,763	\$36,466,767	\$2,401,962
■ San Joaquin Valley Residential				\$184,800	\$4,488,000
■ Small Residential Storage	\$14,238,024	\$20,308,583	\$15,512,960	\$28,665,811	\$11,637,702



Total Capacity by Year and Budget Category

Energy Storage Data 2017 – 9/15/2021

Energy Storage Total MW



Current Budget Status

As of 9/22/2021

Budget Category	CSE	SCE	SCG	PG&E
Large-Scale Storage	Step 3 (Open)	Step 3 (Open)	Step 3 (Open)	Step 4 (Open)
	Open	Open	Open	Open
	\$0.35/Wh	\$0.35/Wh	\$0.35/Wh	\$0.30/Wh
with ITC	\$0.25/Wh	\$0.25/Wh	\$0.25/Wh	\$0.22/Wh
Available Funds	\$6,329,166	\$8,935,672	\$9,447,224	\$14,699,894
Small Residential Storage	Step 7	Step 6	Step 6	Step 6
	Will open on 9/27/2021	Open	Open	Open
	\$0.15/Wh	\$0.20/Wh	\$0.20/Wh	\$0.20/Wh
Available Funds	\$3,494,281	\$2,442,246	\$749,692	\$229,202
Residential Storage Equity	Step 5	Step 5	Step 5	Step 5
	Waitlist	Open	Open	Waitlist
	\$0.85/Wh	\$0.85/Wh	\$0.85/Wh	\$0.85/Wh
Available Funds	\$528,400	\$99,313	\$578,998	\$90,627
Non-Residential Storage Equity	Step 5	Step 5	Step 5	Step 5
	Waitlist	Waitlist	Waitlist	Waitlist
	\$0.85/Wh	\$0.85/Wh	\$0.85/Wh	\$0.85/Wh
Available Funds	\$404,979	\$1,711,439	\$1,794,857	\$6,591,655
Equity Resiliency	Step 5	Step 5	Step 5	Step 5
	Waitlist	Waitlist	Open	Waitlist
	\$1.00/Wh	\$1.00/Wh	\$1.00/Wh	\$1.00/Wh
Available Funds	\$19,811	\$2,060,032	\$3,869,533	\$103,063
San Joaquin Valley Residential & Non-Residential (PG&E and SCI)		Step 5		Step 5
		Open		Open
		\$1.00/Wh		\$1.00/Wh
Available Funds		4,880,000 Res / \$120,000 Non-Res		\$22,400 Res / \$120,000 Non-Res
Generation	Step 3	Step 3	Step 3	Step 3
	Open	Open	Open	Open
	\$2.00/W	\$2.00/W	\$2.00/W	\$2.00/W
Available Funds	\$14,850,942	\$31,387,181	\$10,078,302	\$40,900,970

SCE, SCG, PG&E have reached the 50% Residential Storage Soft Target Cap for Small Residential Storage Step 6

Regulatory Updates



Content

- Un-paused Renewable Gen projects using capture/use/destroy baseline.
- New eligibility requirements for fueled technologies.
- New reporting, attestations, and audit protocols; periodic no-warning spot-checks. New warning/infraction rules.
- Environmental attributes: HC owns; attestations; PAs propose new methods, docs & audit rules.
- New HB language about app fees, wind projects (incl. <80 ft. hub height).
- ERB and GM resiliency adder eligibility expanded to 1 PSPS + 1 de-energization due to fire.
- New MBL rules; multi-tenant commercial bldgs. - Ineligible for EB/ERB.
- VNEM projects to remain in the reservation system until any disputes involving the VNEM tariff are resolved or until June 30, 2023, whichever comes first.
- PAs to share outage info w/ Devs; propose actions if evaluations show incr. in GHGs from ICE or DBG projects.

Background

- August 13, 2021: PAs hosted stakeholder outreach meeting to discuss OPs 1 & 2 of the Decision:
 - OP 1.r.iv: Propose additional revisions to program documentation and auditing requirements to ensure full Host Customer ownership of all environmental attributes of SGIP renewable fuels sources as necessary, after discussing this issue with interested parties to Rulemaking 20-05-012 and SGIP participants.
 - OP 2: Pacific Gas and Electric Company, Southern California Edison Company, Southern California Gas Company, and the Center for Sustainable Energy shall discuss with interested parties to Rulemaking 20-05-012 and Self-Generation Incentive Program (SGIP) participants additional means to proactively share fire-caused outage information with SGIP developers and/or customers and shall propose methods to accomplish this in the Tier 2 Advice Letter required in this decision.
- **PAs filed Tier 2 Advice Letter on September 2, 2021. No protests were received. The Advice Letter is pending disposition by the CPUC.**



Large Thermal Energy Storage

Background

- January 4, 2021: Pursuant to CPUC Resolution E-5106 Ops 2 & 3, PAs jointly filed an Advice Letter proposing eligibility requirements and a dynamic methodology for sizing L-TES systems in the SGIP.
 - No protests were received.
- March 17, 2021: Following discussions with Energy Division staff, the PAs filed a supplemental Advice Letter with proposed requirements for evaluation, measurement, and verification purposes.
 - March 26, 2021: a protest was received from CESA for the supplemental Advice Letter.
 - April 5, 2021: PAs jointly filed a reply.



Large Thermal Energy Storage

Background

- July 13, 2021: Disposition Letter issued indicating that Initial joint Advice Letter is approved by Energy Division staff. However, the supplemental Advice Letter was rejected.
- PAs were directed to consult with industry regarding appropriate LTES pre-installation monitoring requirements. Energy Division recommended the PAs file a Tier 2 Advice Letter within 45 days.
- PAs have met with CESA and various L-TES developers to discuss the proposed monitoring requirements. After several productive conversations, the PAs notified the Executive Director of Energy Division of their intention to file the Advice by September 30, 2021.



Multifamily

Background

- CPUC Decision 19-08-001 established new rules for GHG compliance based on a customer's sector. This Decision was not clear on how multifamily projects interconnecting behind a non-residential tariff should be treated.
- April 2020: the PAs filed a Joint Advice Letter (CSE AL 110, et al.) recommending that BTM multifamily energy storage projects comply with the SGIP GHG and operating rules based on their primary use, defined by the Host Customer sector and associated utility tariff, which was approved by the CPUC. The corresponding Handbook abbreviated the adopted rules, resulting in confusion about how these rules would apply to multifamily projects interconnecting under a non-residential tariff. The PAs discussed their proposal and the various hurdles in a series of meetings with interested parties as part of the streamlining efforts in late 2020/early 2021.
- April 13, 2021: The PAs filed a Joint Advice Letter (CSE AL 125-E, et al.) on to further clarify the language in the Handbook consistent with the CPUC's June 29, 2020 Non-Standard Disposition Letter. CSE AL 125-E is currently pending disposition by the CPUC.



Multifamily

Update

- July 26, 2021: Disposition Letter issued approving the PAs' Advice Letter to update the Handbook with more detail on how multifamily projects are treated.
- Most notable, multifamily projects will be classified as residential or non-residential based on the system's primary use case.
- Multifamily projects will continue to be considered "residential" for budgeting purposes. The use case will determine which GHG emission standards, operational requirements, and application/incentive structure will be applied to the project.
- New [Handbook](#) is available on selfgenca.com with the revised sections.



Assigned Commissioner's Ruling: HPWH

Background

- August 3, 2021: ACR issued soliciting feedback on various items pertinent to HPWH incentives, including workforce training and development. Additional feedback was requested on potential methods to increase the contribution of existing SGIP technologies to enhance summer reliability.
- August 23, 2021: Comments due on ACR.
- CPUC has indicated in an email updating the procedural schedule that a Proposed Decision is expected to be issued December 2021-January 2022.



STREAMLINING TOPICS

Residential Streamlining



Residential Update

#1: Final Building Permit

- **Status:** No further PA action planned
- Continue to be used as a backup to the AHJ Grid Islanding Plan

#2: Utility Bill Not Required

- **Status:** Near completion
- PG&E territory only
- Will be added Advice Letter to change Handbook language

#3: Proof of Authorization to Interconnect

- **Status:** Near completion
- PG&E and SCE territory only
- Will be added to Advice Letter to change Handbook language

#4: AHJ Grid Islanding Plan

- **Status:** No further PA action planned
- Continue to be req'd due to the need to ensure that the system is capable of grid islanding

Residential Update

#5: Customer Resiliency Attestation

- **Status:** In development
- A more feasible near-term solution of producing an applicant guide with easy-to-follow instructions
- No Handbook or Regulatory changes needed

#6: Workshops & Training

- **Status:** In development
- PAs will work with industry to develop topics and content for trainings as well as the best modes for communicating this information

#7: SGIP Handbook Redesign

- **Status:** In development
- Currently scoping the handbook redesign project and anticipate a phased approach to the usability redesign.
- More information to be available for Q4 Workshop
- Advice Letter will be required when new Handbook launched

Non-Residential Streamlining



Non-Residential Update

#1: Remove PPM Signature

- **Status:** Near completion
- Requires Energy Solutions development
- Will be added Advice Letter to change Handbook language

#2: PBI Process Enhancement

- **Status:** In development
- Requires Energy Solutions development and some stakeholder follow-up
- Handbook modifications unlikely (TBD)

#3: Publish Educational Resources

- **Status:** In development
- PAs to work on content to post on database

#4: Program Eligibility Clarifications

- **Status:** Near completion
- Will be added Advice Letter to change Handbook language

#5: Publish Equipment Review Process

- **Status:** Completed
- Posted on selfgenca.com

Stakeholder Q & A



Thank You for Attending Today's Workshop!



Links from the Chat

- ◆ [Publication of Equipment Review Process.](#)
- ◆ [Public Report](#) for Waitlist Apps
- ◆ [Program Metrics](#) Page
- ◆ PG&E Office Hours:
 - When: Every Thursday, 3-4pm
 - Where: [Click here to join the meeting](#)
- ◆ SCE Office Hours
 - When: Tuesdays, 2 p.m
 - Where: [Click here to join the meeting](#); **Or call in (audio only)** +1 213-297-0156,,360957042#
United States, Los Angeles; Phone Conference ID: 360 957 042#
- ◆ See next slides for **Program Administrator Contact Information**

Program Administrator Contact Information

Pacific Gas & Electric (PG&E)

Website: www.pge.com/sgip

Email Address: selfgen@pge.com

Telephone: (415) 973-6436

Center for Sustainable Energy® (CSE)

Website: www.energycenter.org/sgip

Email Address: sgip@energycenter.org

Telephone: (858) 244-1177

Southern California Edison (SCE)

Website: www.sce.com/SGIP

Email Address: SGIPgroup@sce.com

Telephone: (626) 302-0610

Southern California Gas Company (SoCalGas)

Website: <https://www.socalgas.com/for-your-business/powergeneration/self-generation-incentive>

Email Address: selfgeneration@socalgas.com