SELF-GENERATION INCENTIVE PROGRAM

SGIP 2nd Quarterly Workshop of 2021

Date: June 18, 2021

Southern California Edison — An Edison International Company

Pacific Gas and Electric Company

SoCalGas — A Sempra Energy utility

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Introduction

SELF-GENERATION INCENTIVE PROGRAM

- ***Program Administrators***
  - **Southern California Edison**
    - Jim Stevenson, Vicky Velazquez, Adriana Sepulveda, Jaclyn Ha
  - **PG&E:**
    - Ron Moreno, Ozzie Guzman
  - **SoCalGas**
    - Jason Legner, Adrian Martinez, Laura Diaz
  - **Center for Sustainable Energy**
    - Andi Woodall

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Introduction

SELF-GENERATION INCENTIVE PROGRAM

- **Alternative Energy Systems Consulting (AESC)**
  - Dara Salour
- **Energy Solutions**
  - David Zhang
- **CPUC Energy Division:**
  - Asal Esfahani

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Details & Cadence

SELF-GENERATION INCENTIVE PROGRAM

- Attendees will be muted.
- Use raise hand option if you would like to comment.
- Type in chat for any questions, comments.
- Ideas and Notes will be tracked during the meeting.

Agenda

SELF-GENERATION INCENTIVE PROGRAM

- Program Metrics
- Regulatory Updates
- Database Updates
- Streamlining Report
- Equipment Approval Process

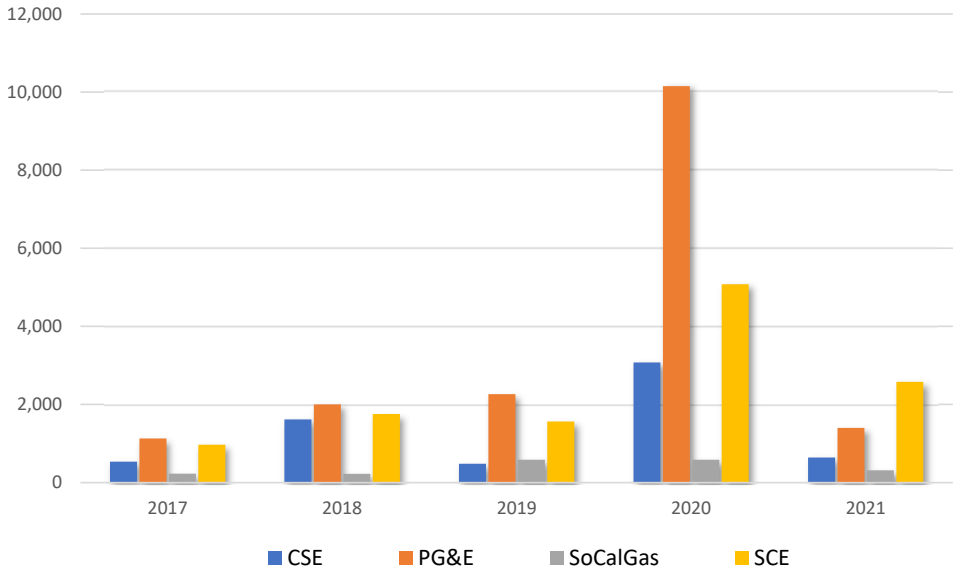
SELF-GENERATION INCENTIVE PROGRAM

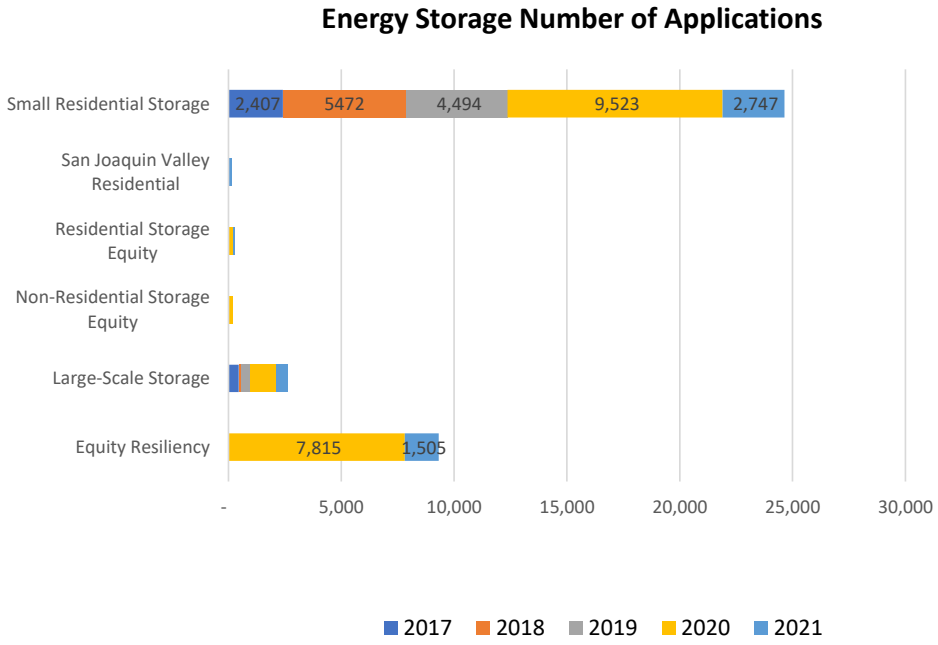
Program Metrics

Number of Applications by Program Year and PA

(Data as of 6/15/2021

SELF-GENERATION INCENTIVE PROGRAM





Total: 37,185

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Does not include cancellations and waitlist projects

Small Residential Storage

Capacity and Incentive Dollars by Program Year (Data as of 6/15/2021)

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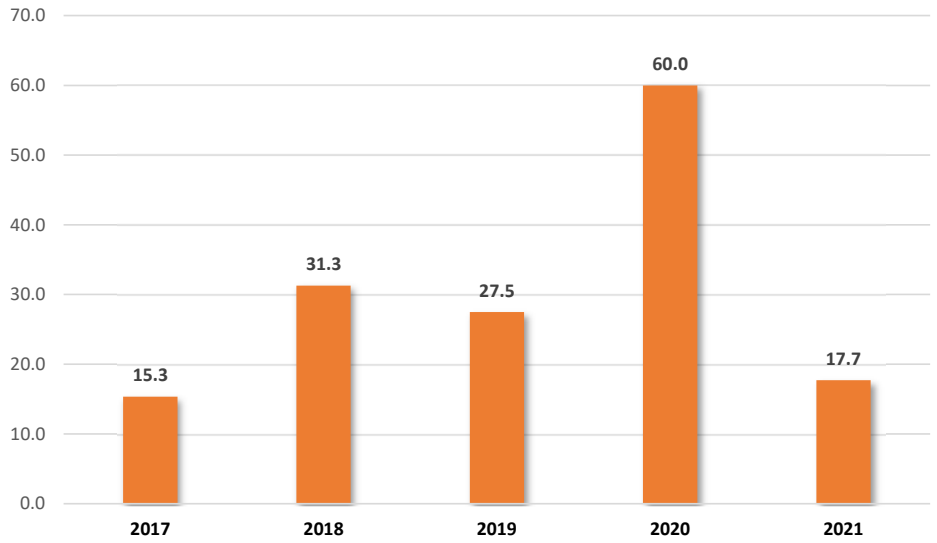
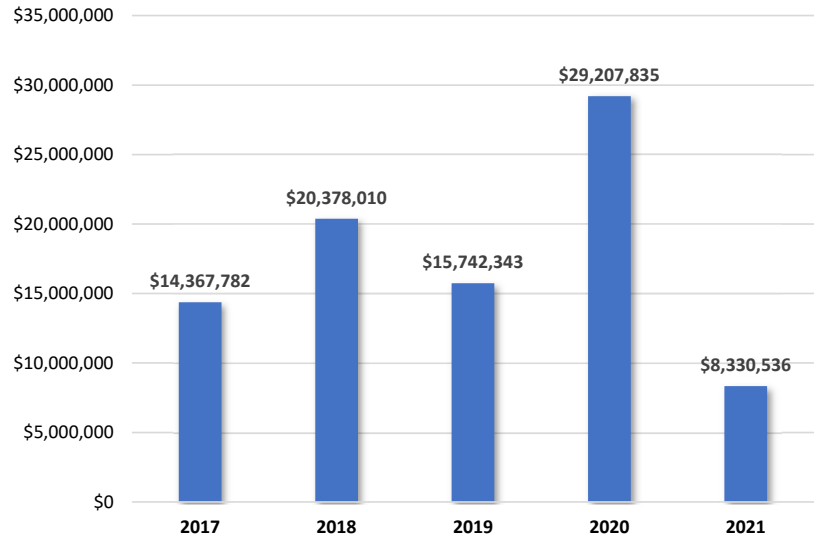


Total: 151.8 MW



Total: $88,206,506

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

Does not include cancellations and waitlist projects

Large-Scale Storage

Capacity and Incentive Dollars by Program Year (Data as of 6/15/2021)

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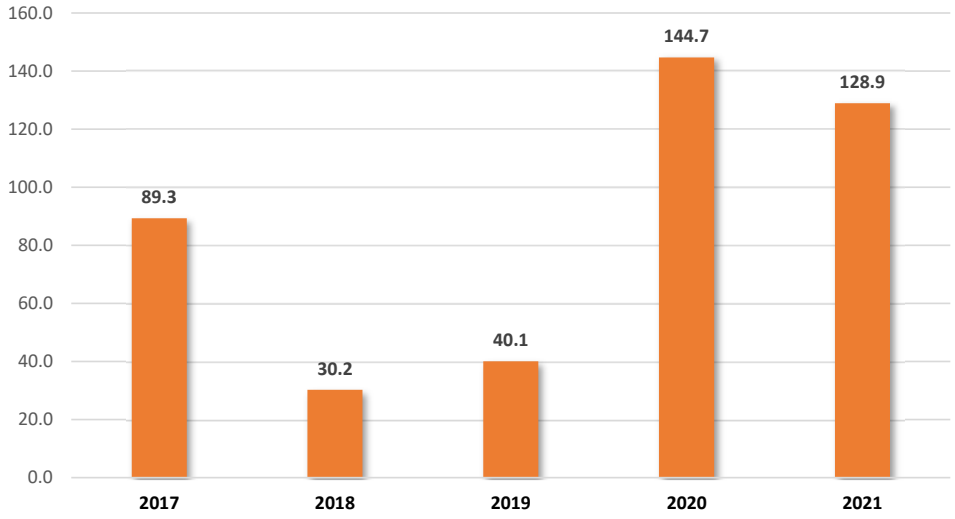
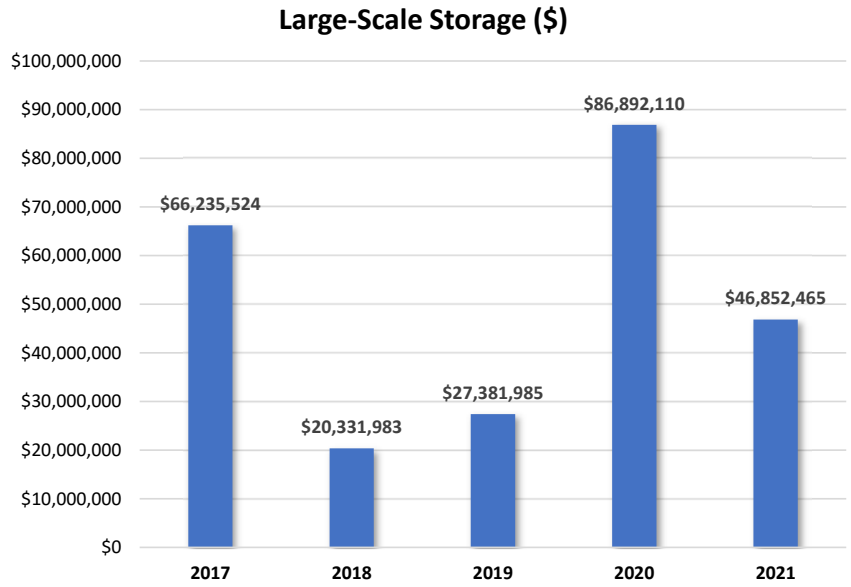


Total: 433.2 MW



Total: $247,694,066

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Does not include cancellations and waitlist projects

Equity Resiliency Storage

Capacity and Incentive Dollars by Program Year (Data as of 6/15/2021)

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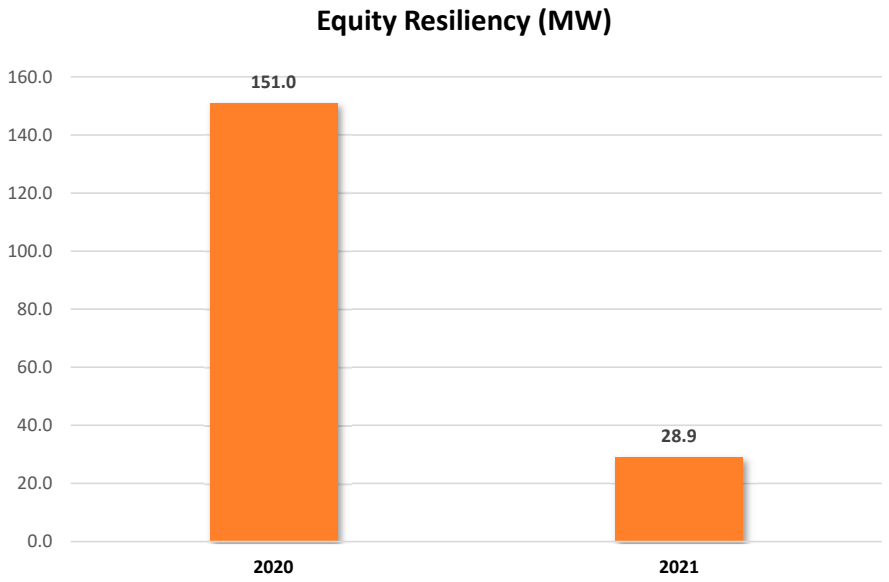
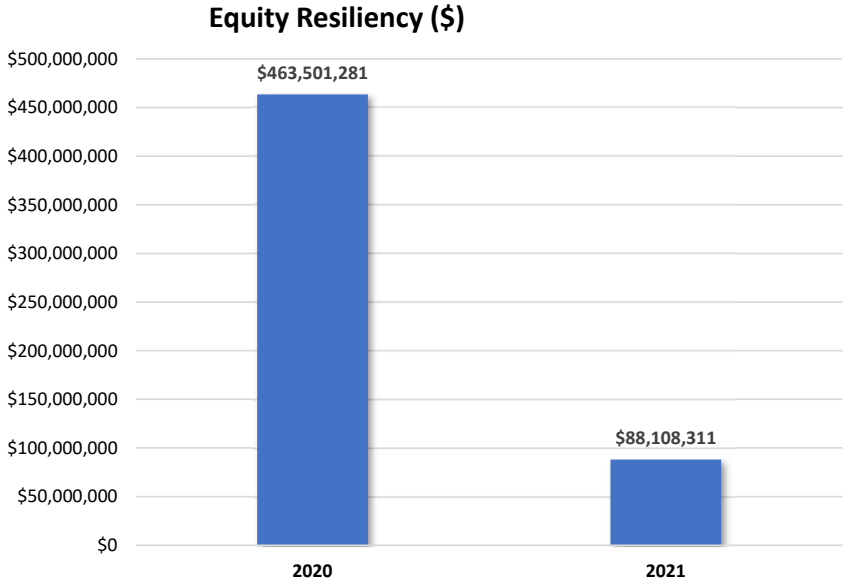


Total: 179.9 MW



Total: $551,609,592

Does not include cancellations and waitlist projects

Residential Storage Equity

Capacity and Incentive Dollars by Program Year (Data as of 6/15/2021)

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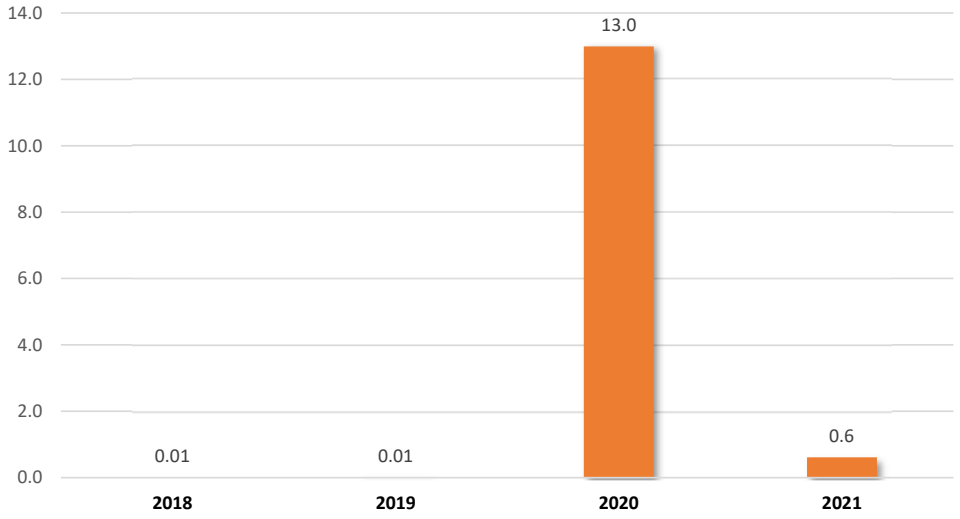

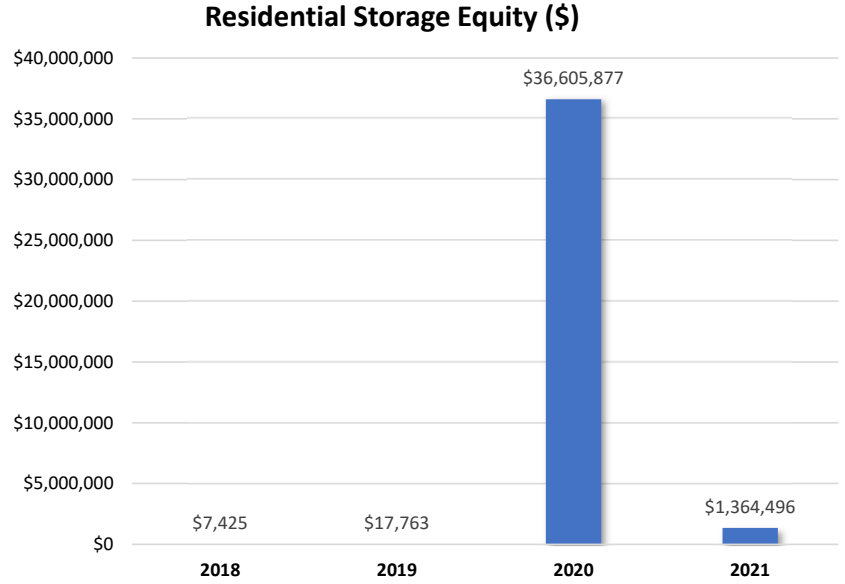

Total: 13.6 MW

Total: $37,995,561

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Does not include cancellations and waitlist projects

Non-Residential Storage Equity

Capacity and Incentive Dollars by Program Year (Data as of 6/15/2021)

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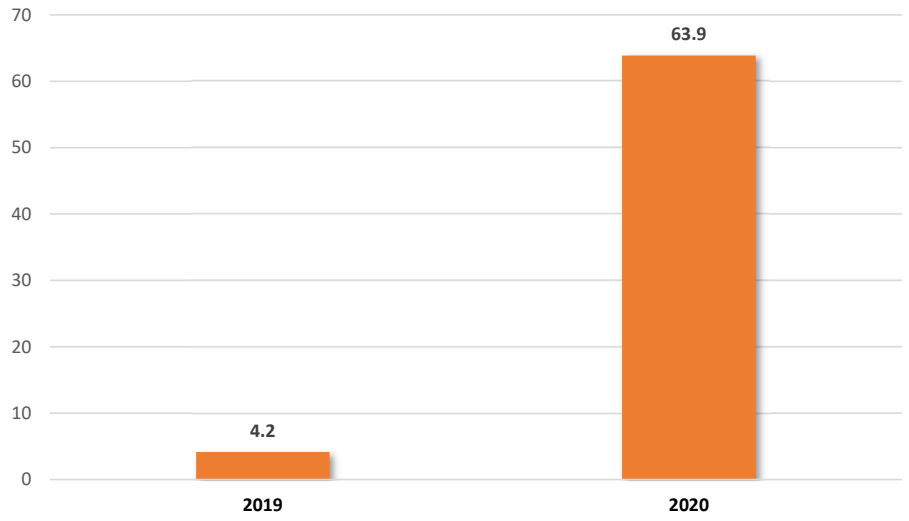
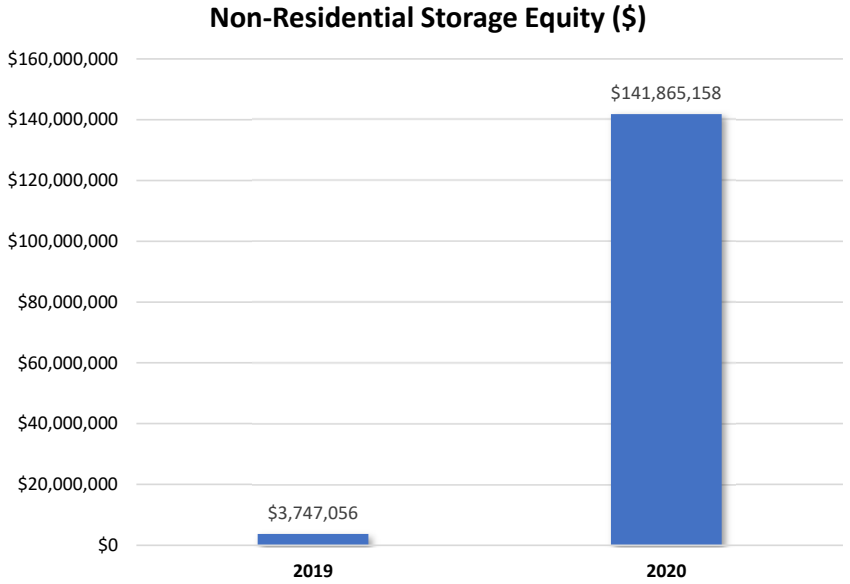


Total: 68.0 MW



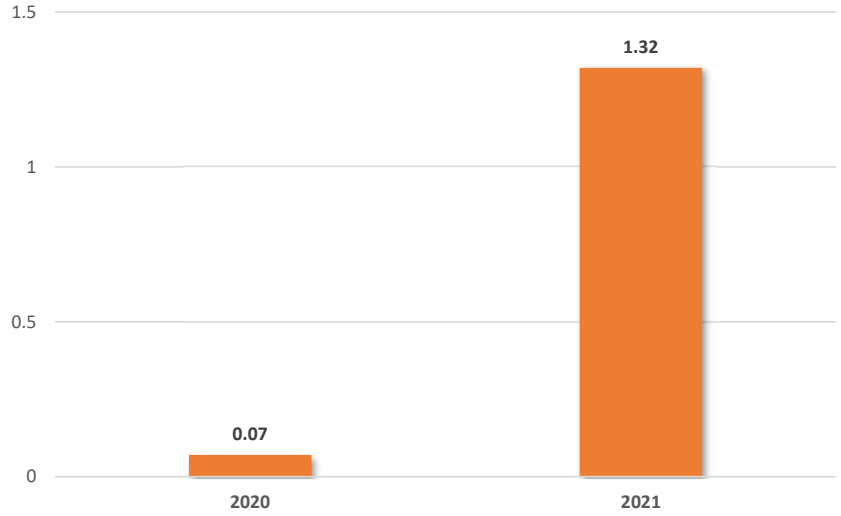
Total: $145,612,214

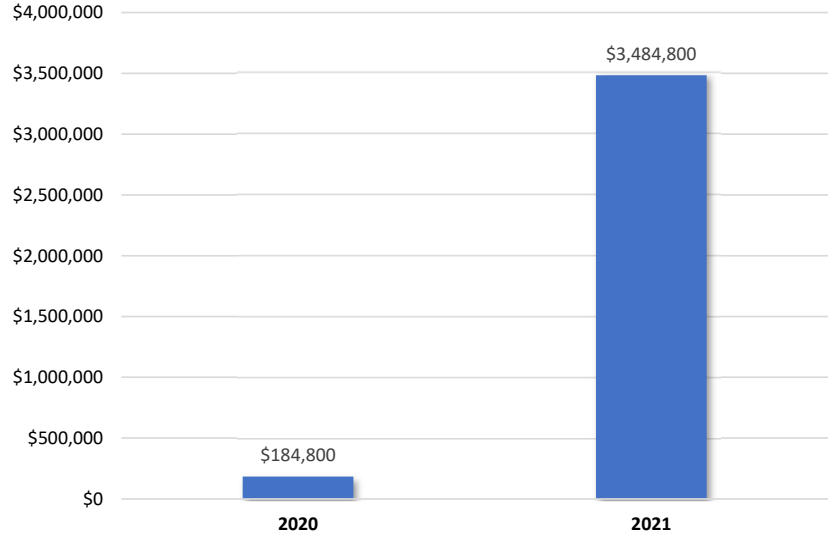
Does not include cancellations and waitlist projects

San Joaquin Valley Residential (SCE & PGE Only)

Capacity and Incentive Dollars by Program Year (Data as of 6/15/2021)

SELF-GENERATION INCENTIVE PROGRAM





Total: 1.39 MW

Total: $3,669,600

Does not include cancellations and waitlist projects

Current Budget Step and Remaining Funding

Data as of 6/16/2021)

SELF-GENERATION INCENTIVE PROGRAM

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	$8,427,642	$15,065,516	$10,421,365	$11,764,410
Small Residential Storage	**Step 6**	**Step 6**	**Step 6**	**Step 6**
	Open	Open	Open	Open
	$0.20/Wh	$0.20/Wh	$0.20/Wh	$0.20/Wh
Available Funds	$267,914	$2,910,661	$1,698,717	$903,019
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	$247,505	$1,315,662	$78,627
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	$337,827.75	$934,550.96	$1,203,257.39	$9,175,936.58
Equity Resiliency	**Step 5**	**Step 5**	**Step 5**	**Step 5**
	Waitlist	Open	Open	Waitlist
	$1.00/Wh	$1.00/Wh	$1.00/Wh	$1.00/Wh
Available Funds	$28,595	$18,884,303	$43,391,640	$184,859
San Joaquin Valley Residential & Non-Residential *(PG&E and SCE Only)*		**Step 5**		**Step 5**
		Open		Open
		$1.00/Wh		$1.00/Wh
Available Funds		4,880,000 Res / $120,000 Non-Res		1,210,400 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	$28,594,369	$10,066,767	$40,437,640

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

Current budget levels can be found at: https://www.selfgenca.com/home/program_metrics/

SELF-GENERATION INCENTIVE PROGRAM

Regulatory Updates

Regulatory Updates

SELF-GENERATION INCENTIVE PROGRAM

- April 30, 2021
  - "Self-Generation Incentive Program (SGIP) Process Streamlining Report"
    Filed by SCE
    - Regulatory Background
    - Residential Application Process Streamlining
    - Non-Residential Application Process Streamlining
    - Multifamily Application Process Streamlining

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Regulatory Updates

SELF-GENERATION INCENTIVE PROGRAM

ADMINISTRATIVE LAW JUDGE'S RULING PROVIDING PROPOSAL, REQUESTING COMMENT, AND UPDATING PROCEDURAL SCHEDULE

Covering the Heat Pump Water Heater Staff Proposal

Rulemaking 20-05-012
Issued 4/16/2021
ALJ Cathleen Fogel

- May 19th, 2021 Budget Filing; Each PA filed an updated summary of SGIP budgets including the categories included in 1/31/20 Tier 1 Advice Letters and all additional categories including Forfeited App Fees, Total Interest and Revenue Collections.
- June 3rd, 2021 Heat Pump Water Heater (HPWH) Staff Proposal; Opening Comments filed by Parties
- June 8th, 2021 HPWH Reply Comments filed by Parties
- Proposed Decision; possibly August – September 2021 per the Ruling

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Regulatory Updates

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Self-Generation Incentive Program (SGIP) 2021-2025 Measurement and Evaluation Plan

Rulemaking 20-05-012
Issued 05/24/2021
ALJ Cathleen Fogel

Studies to measure and evaluate components of the SGIP Program.

Includes:

- Biannual review of the performance of each PA
- Biannual Program-Wide Impact Evaluations
- Biannual Energy Storage Market Assessment report

New Changes:

- Biannual Program Performance and Process Evaluations
- Market Assessment Studies for Generation and HPWH Technologies

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Regulatory Updates

SELF-GENERATION INCENTIVE PROGRAM

DECISION REVISING SELF-GENERATION INCENTIVE PROGRAM RENEWABLE GENERATION TECHNOLOGY PROGRAM REQUIREMENTS AND OTHER MATTERS

Rulemaking 20-05-012
Issued 6/3/2021
Issued by the 5 CPUC Commissioners

- Un-paused Renewable Gen projects using capture/use/destroy baseline
- Limits directed biofuels to those using biofuel produced in CA; customer attestations; same stds as Sec. 379.6
- No ICE projects allowed in counties listed as severe or extreme non-attainment areas in USEPA Green Book
- Biogas fuel used in on-site ICE must meet 96% methane gas quality std; self-certify; other inspection rules

Regulatory Updates

SELF-GENERATION INCENTIVE PROGRAM

DECISION REVISING SELF-GENERATION INCENTIVE PROGRAM RENEWABLE GENERATION TECHNOLOGY PROGRAM REQUIREMENTS AND OTHER MATTERS (CONT.)

Rulemaking 20-05-012
Issued 6/3/2021
Issued by the 5 CPUC Commissioners

- 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 stay active until June 30, 2023
- PAs to share outage info w/ Devs; propose actions if evaluations show incr. in GHGs from ICE or DBG projects.
- PAs MUST FILE TIER 2 ADVICE LETTER in 90 days.

Database Updates

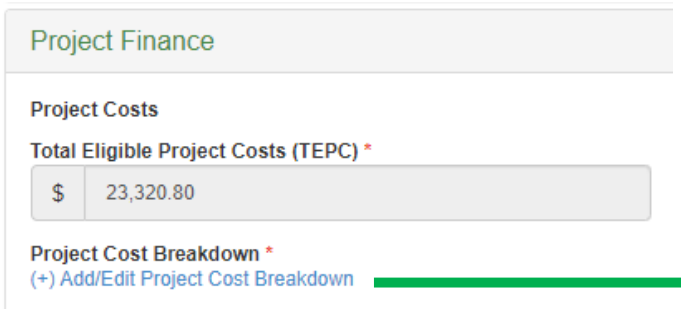
SELF-GENERATION INCENTIVE PROGRAM

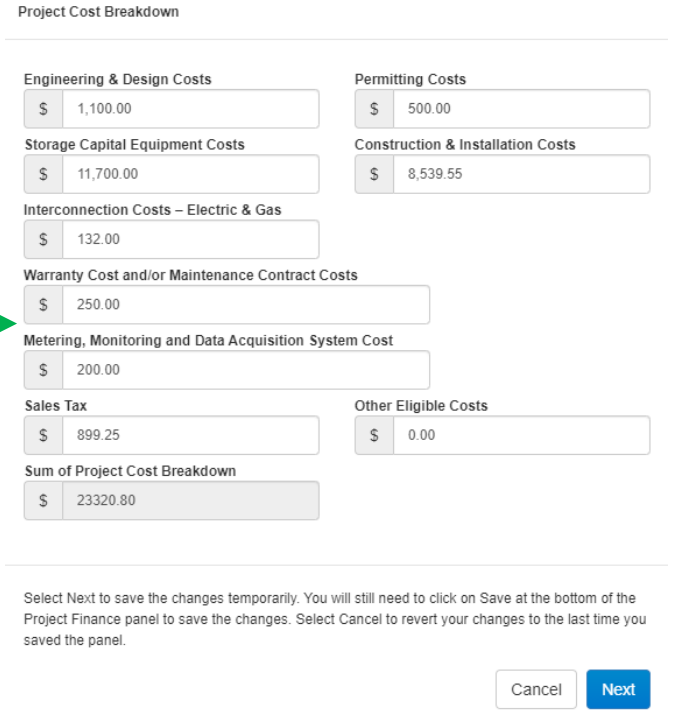
Database Updates

Project Cost Breakdown

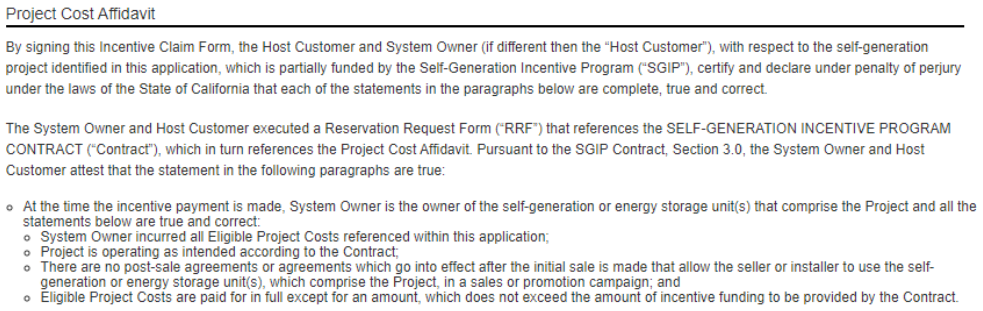
SELF-GENERATION INCENTIVE PROGRAM

ICF Project Finance Panel





ICF Print Form



Project Cost Affidavit

By signing this Incentive Claim Form, the Host Customer and System Owner (if different then the "Host Customer"), with respect to the self-generation project identified in this application, which is partially funded by the Self-Generation Incentive Program ("SGIP"), certify and declare under penalty of perjury under the laws of the State of California that each of the statements in the paragraphs below are complete, true and correct.

The System Owner and Host Customer executed a Reservation Request Form ("RRF") that references the SELF-GENERATION INCENTIVE PROGRAM CONTRACT ("Contract"), which in turn references the Project Cost Affidavit. Pursuant to the SGIP Contract, Section 3.0, the System Owner and Host Customer attest that the statement in the following paragraphs are true:

- At the time the incentive payment is made, System Owner is the owner of the self-generation or energy storage unit(s) that comprise the Project and all the statements below are true and correct:
  - System Owner incurred all Eligible Project Costs referenced within this application;
  - Project is operating as intended according to the Contract;
  - There are no post-sale agreements or agreements which go into effect after the initial sale is made that allow the seller or installer to use the self-generation or energy storage unit(s), which comprise the Project, in a sales or promotion campaign; and
  - Eligible Project Costs are paid for in full except for an amount, which does not exceed the amount of incentive funding to be provided by the Contract.

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GHG PBI Requirements for Storage

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For new non-residential storage projects, regardless of size, submitted since April 1, 2020:

- The annual RTE requirement is eliminated.
- Cycling requirement for new projects is 104/year
- Reduce GHGs a minimum of 5 kilograms of CO2 per rated energy capacity (kg/kWh) annually to recoup full payment.
- A project's annual PBI payment be reduced by one dollar per kg ($1,000 per ton) of CO2 under the five kg/kWh reduction requirement, up to 100% of the Expected Annual PBI Payment.
- PBI payment deductions are permanently forfeited and returned to the SGIP incentive budget

GHG Calculation Process Steps

SELF-GENERATION INCENTIVE PROGRAM

Grid Regions emissions data are imported from WattTime.

The emissions data, in conjunction with PBI data, is used to calculate project GHG impacts.

GHG Released, GHG Avoided, and Net GHG are reported within the application.

PBI incentives are adjusted based on the delta from expected GHG reduction

Calculation for the annual GHG reduction expectation:

$$Annual\ Expected\ GHG\ Reduction\ (kg) = -5\ \frac{kg}{kWh} * Total\ Energy\ Storage\ Capacity\ (kWh)$$

Calculation of annual net GHG offset by system:

$$Annual\ Net\ GHG\ Offset\ (kg) = Total\ GHG\ Released - Total\ GHG\ Avoided$$

Where,

$$Total\ GHG\ Released\ (kg) = \sum Energy\ Stored\ (kWh) * MOER\left(\frac{kg}{kWh}\right)$$

$$Total\ GHG\ Avoided\ (kg) = \sum Energy\ Discharged\ (kWh) * MOER\left(\frac{kg}{kWh}\right)$$

Calculation for the annual GHG penalty on the PBI payment of storage applications:

$$PBI\ Payment\ Penalty\ Impact\ (\$) = \$1.00 * If(< 0, (Annual\ Expected\ GHG\ Reduction - \ Annual\ Net\ GHG\ Offset))$$

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Example GHG Calculation

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Time	Emissions MOER Data (kg/kWh)	Energy Stored (kWh)	Energy Discharged (kWh)	GHG Released (kg)	GHG Avoided (kg)	Net GHG (kg)
6:15pm	0.3 kg/kWh	3 kWh	-	0.9 kg	-	0.9 kg
6:30pm	0.4 kg/kWh	2 kWh	-	0.8 kg	-	0.8 kg
6:45pm	0.5 kg/kWh	-	2 kWh	-	1.0 kg	-1.0 kg
7:00pm	0.5 kg/kWh	-	3 kWh	-	1.5 kg	-1.5 kg
Total GHG impact from 6pm – 7pm						**-0.8 kg**

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GHG Impacts in the Performance Data Details Panel

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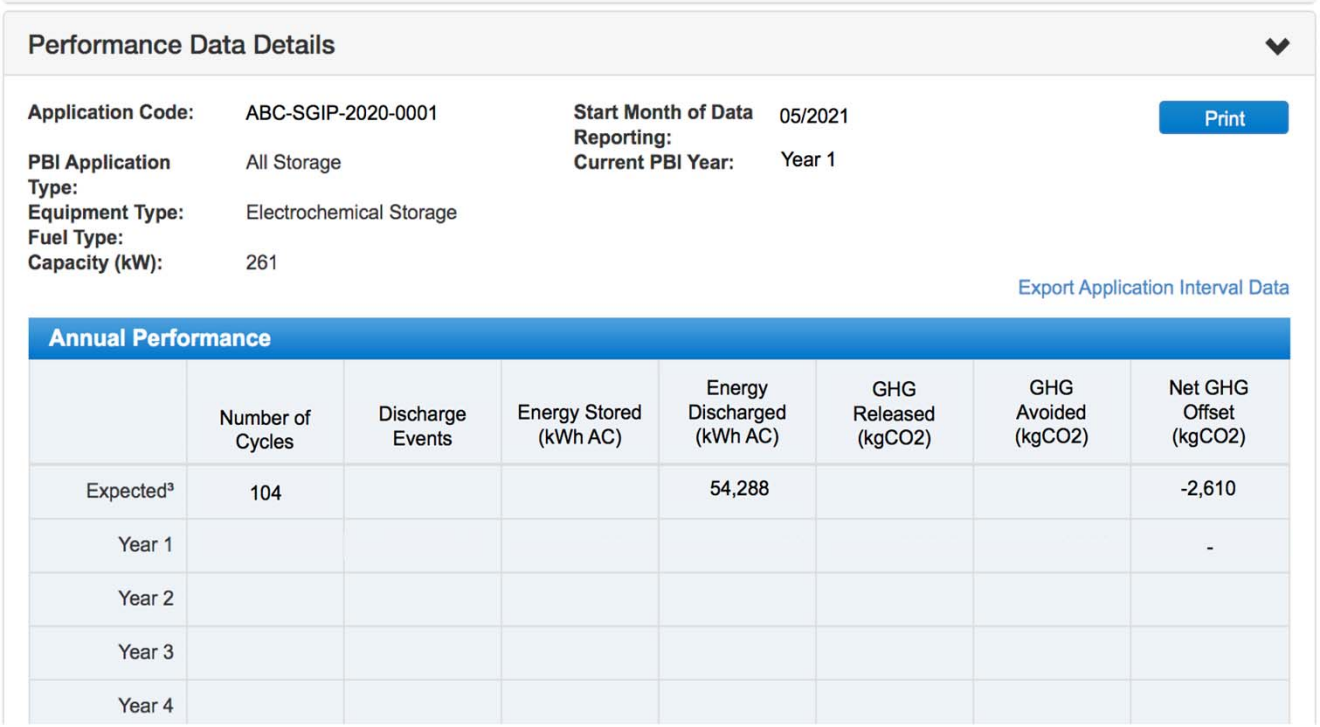

Performance Data Details

Application Code:	ABC-SGIP-2020-0001	**Start Month of Data Reporting:**	05/2021
PBI Application Type:	All Storage	**Current PBI Year:**	Year 1
Equipment Type:	Electrochemical Storage		
Fuel Type:			
Capacity (kW):	261		

Print

Export Application Interval Data

Annual Performance

	Number of Cycles	Discharge Events	Energy Stored (kWh AC)	Energy Discharged (kWh AC)	GHG Released (kgCO2)	GHG Avoided (kgCO2)	Net GHG Offset (kgCO2)
Expected[3]	104			54,288			-2,610
Year 1							-
Year 2							
Year 3							
Year 4							

- Reported on Both the Annual and Monthly Performance Tables

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GHG Impacts in the PBI Payment Calculator

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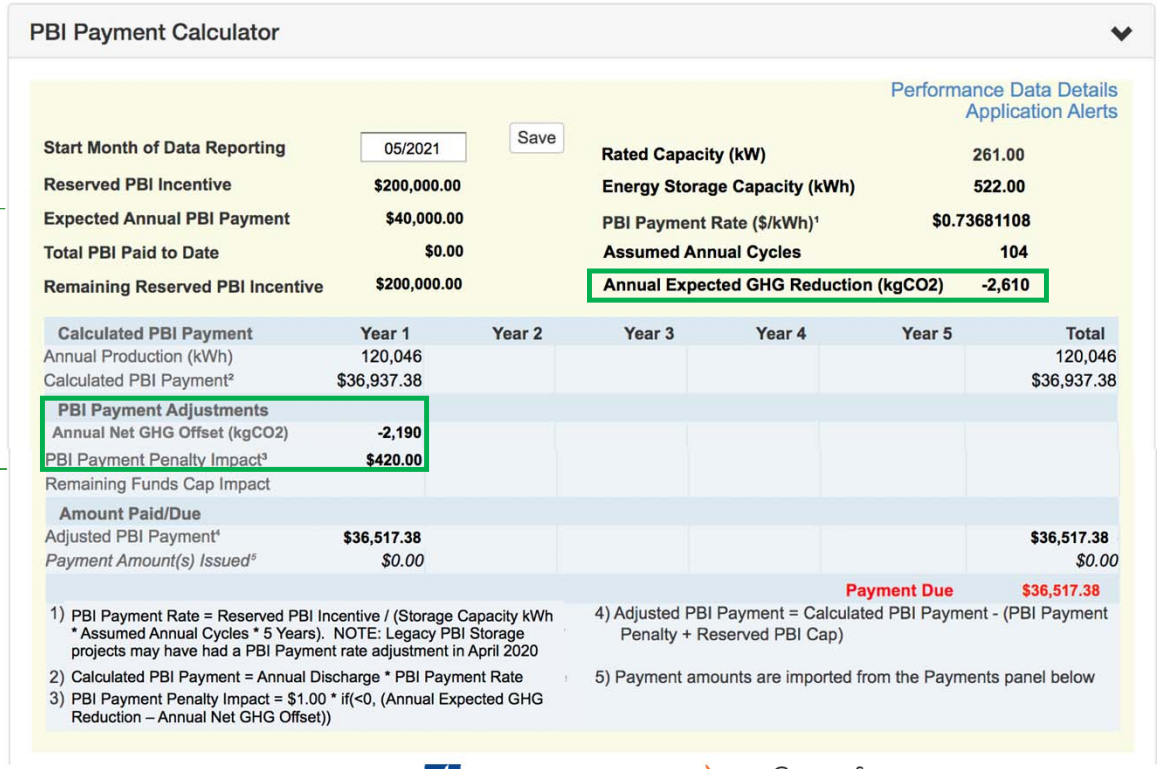
Project Information

522 kWh * 5kg/kWh = **2,610kg** Expected Annual Reduction

Annual GHG Penalty

2,610kg – 2190kg = 420kg * $1/kg = **$420** Penalty in Year 1



PBI Payment Calculator

Performance Data Details
Application Alerts

Start Month of Data Reporting	05/2021 Save	Rated Capacity (kW)	261.00
Reserved PBI Incentive	$200,000.00	Energy Storage Capacity (kWh)	522.00
Expected Annual PBI Payment	$40,000.00	PBI Payment Rate ($/kWh)[1]	$0.73681108
Total PBI Paid to Date	$0.00	Assumed Annual Cycles	104
Remaining Reserved PBI Incentive	$200,000.00	Annual Expected GHG Reduction (kgCO2)	-2,610

Calculated PBI Payment	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Annual Production (kWh)	120,046					120,046
Calculated PBI Payment[2]	$36,937.38					$36,937.38
PBI Payment Adjustments						
Annual Net GHG Offset (kgCO2)	-2,190					
PBI Payment Penalty Impact[3]	$420.00					
Remaining Funds Cap Impact						
Amount Paid/Due						
Adjusted PBI Payment[4]	$36,517.38					$36,517.38
Payment Amount(s) Issued[5]	*$0.00*					*$0.00*
					Payment Due	$36,517.38

1) PBI Payment Rate = Reserved PBI Incentive / (Storage Capacity kWh * Assumed Annual Cycles * 5 Years). NOTE: Legacy PBI Storage projects may have had a PBI Payment rate adjustment in April 2020
2) Calculated PBI Payment = Annual Discharge * PBI Payment Rate
3) PBI Payment Penalty Impact = $1.00 * if(<0, (Annual Expected GHG Reduction – Annual Net GHG Offset))
4) Adjusted PBI Payment = Calculated PBI Payment - (PBI Payment Penalty + Reserved PBI Cap)
5) Payment amounts are imported from the Payments panel below

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Streamlining Report

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Streamlining Report

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Residential Topics (PGE)

Streamlining Report

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Residential Application Streamlining Report

Six Key Topics:

- Final Building Permit
- Utility Bill and Proof of Authorization to Interconnect
- AHJ Grid Islanding Plan
- Customer Resiliency Attestation
- SGIP Handbook
- Workshops & Trainings

Streamlining Report

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Final Building Permit

The signed final building permit ensures the system was installed up to codes and standards of the local permitting jurisdiction. It is submitted as part of the interconnection package ***and*** the SGIP ICF package. Also serves as a backup to the AHJ Grid Islanding Plan in case the AHJ doesn't stamp plans.

Initial proposal: Remove the permit submission from the ICF package.

Resolution: No action on this subject is planned. Still to be used as a backup to the AHJ Grid Islanding Plan

Streamlining Report

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Utility Bill and Proof of Authorization

PG&E can utilize its internal databases to verify utility bill documentation related to billing and authorization to interconnect and proposes that Developers not have to submit it in PG&E territory. Not all PAs can do this.

Initial Proposal: Allow the documents to be optional as part of the RRF in **PG&E territory only**.

Resolution: PG&E to file an Advice Letter to change the language in the SGIP Handbook.

Streamlining Report

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AHJ Grid Islanding Plan

The AHJ Grid Islanding Plan is intended to verify the appropriate jurisdiction approves that energy storage systems can island from the grid during outages.

Initial Proposal: File a PFM of D.19-09-027 to change this requirement.

Resolution: No action on this subject is planned. Need to ensure that the system is capable of grid islanding

Streamlining Report

SELF-GENERATION INCENTIVE PROGRAM

Customer Resiliency Attestation (CRA)

D.20-01-021 requires developers to provide an estimate of how long a project's fully charged battery will support load during an outage, and an attestation from the customer that they received the information prior to signing the contract. The CRA is difficult to fill out correctly, causing suspensions and delays.

Initial Proposal: Change questions in the CRA to allow generic responses but this would require a PFM of D.19-09-027 which asked for a level of detail.

Resolution: A more feasible near-term solution of producing an applicant guide with easy-to-follow instructions. PAs will work on this guide.

Streamlining Report

SELF-GENERATION INCENTIVE PROGRAM

SGIP Handbook

The SGIP Handbook has been revised many times lately and over the past several years due to complex program changes and new requirements. It needs to be revised and improved.

Initial proposal: PAs could revise it on their own or consider a 3rd-party to do it.

Resolution: The PAs are still deliberating the benefits of PA-driven Handbook revision versus hiring a 3rd-party. Plan is to release a streamlined Handbook later this year.

Streamlining Report

SELF-GENERATION INCENTIVE PROGRAM

Workshops and Trainings

The SGIP has grown and changed in many ways over the past few years. Concurrently, the number of participating developers has grown. There is a need for more workshops and trainings to support that growth and to reduce the amount and frequency of suspensions due to lack of familiarity with rules.

Initial proposal: Develop new resources and offer workshops and trainings to enhance developer's knowledge of program rules and application processes.

Resolution: PAs will work with industry to develop topics and content for trainings as well as the best modes for communicating this information.

Multifamily Topics (CSE)

Multifamily Update

SELF-GENERATION INCENTIVE PROGRAM

#1: Virtual Net Energy Metering and Resiliency

- **In process**
- PAs have direction on how to handle projects until a resolution with the VNEM tariff is determined

#2: Multifamily Systems Interconnected under a Non-residential Tariff

- **In process**
- PAs filed AL with recommendation, pending disposition from CPUC

#1: Virtual Net Energy Metering and Resiliency

SELF-GENERATION INCENTIVE PROGRAM

Issue(s):	Next Step(s):
• Existing rules for VNEM tariffs may prohibit SGIP projects from providing resiliency benefits in accordance with the program. Thus, it is unclear if project interconnected under VNEM are eligible for resiliency incentives because they may be prohibited from serving on-site load during a de-energization event.	• This item is out of scope of SGIP administration and requires guidance from the CPUC on how to proceed with VNEM projects seeking resiliency incentives. • CPUC Decision 21-06-005 requires that a developer demonstrate at the time of application 1) the applicable utility's VNEM tariff allows installed storage to serve onsite load; and 2) the applicant intends to use a switching and isolating technology arrangement allowed under Rule 21 to provide for discharging the battery to serve on-site load and island. • The Decision also orders the PAs to allow projects involving VNEM to remain in the reservation system until any disputes involving the VNEM tariff are resolved or until June 30, 2023, whichever comes first.

#2: Multifamily Systems Interconnected under a Non-residential Tariff

SELF-GENERATION INCENTIVE PROGRAM

Issue(s):	Next Step(s):
• 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 filed a Joint Advice Letter (CSE AL 125-E, et al.) on April 13, 2021 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.

Non-Residential Topics (SoCalGas)

Non-Residential Update

SELF-GENERATION INCENTIVE PROGRAM

#1: Remove PPM Signature	#2: PBI Process Enhancement	#3: Publish Educational Resources	#4: Program Eligibility Clarifications	#5: Publish Equipment Review Process
• **In process** • Requires Energy Solutions development • Handbook modification needed – Advice Letter	• **In development** • Requires Energy Solutions development • Handbook modifications unlikely (TBD)	• **In development** • PAs to work on content to post on database	• **In development** • Include in Educational Resources OR Handbook modification needed – Advice Letter	• **In process** • PAs to develop public document • No Handbook or Regulatory changes needed • AESC will present process overview

Topic #1: Remove PPM Signature – IN PROCESS

SELF-GENERATION INCENTIVE PROGRAM

Issue(s):	Recommendation(s):	Next Step(s):
• PPM signature should not be required for projects → if no change	• Submit contract at 90 days (or 240 days for public entities) • Move EEA Attestation to RRF	• PAs working with Energy Solutions to determine if any unintended impacts and scope out functionality with Specs • Minimal changes to Handbook

Topic #2: PBI Process Enhancement – IN DEVELOPMENT

SELF-GENERATION INCENTIVE PROGRAM

Issue(s):	Recommendation(s):	Next Step(s):
• Trouble uploading data for various application scenarios • Export functionality of PBI data	• Bulk upload for multiple months, applications, and meter and application interval files • Overall PBI Report Export functionality	• Energy Solutions to develop Specs • PAs to determine if Handbook edits needed (unlikely)

Topic #3: Publish Educational Resources – IN DEVELOPMENT

SELF-GENERATION INCENTIVE PROGRAM

Issue(s):	Recommendation(s):	Next Step(s):
• How to fill out 2-step and 3-step application • How to fill out a CRA	• Create a comprehensive document outlining process and timelines • Create an FAQ resource document	• PAs to develop "How To" and FAQ documents • Post documents on selfgenca.com

Topic #4: Program Eligibility Clarifications– IN DEVELOPMENT

SELF-GENERATION INCENTIVE PROGRAM

Issue(s):	Recommendation(s):	Next Step(s):
• Demonstrate HC serves at least 50% of census tract • Demonstrate proof of tax status (unable to get documentation from IRS) • Showing proof of critical facility • **Any other needed clarifications?**	• Clarify or provide additional examples of supporting documents into Handbook	• PAs to allocate resources to help clarify eligibility • Determine when Handbook can be updated – Advice Letter

Topic #5: Publish Equipment Review Process – IN PROCESS

SELF-GENERATION INCENTIVE PROGRAM

Issue(s):	Recommendation(s):	Next Step(s):
• Unclear for stakeholders on the current process for reviewing equipment specs for approval	• Create a comprehensive document outlining current process with timelines	• AESC will present overview of process • PAs to finalize resource document and post on selfgenca.com

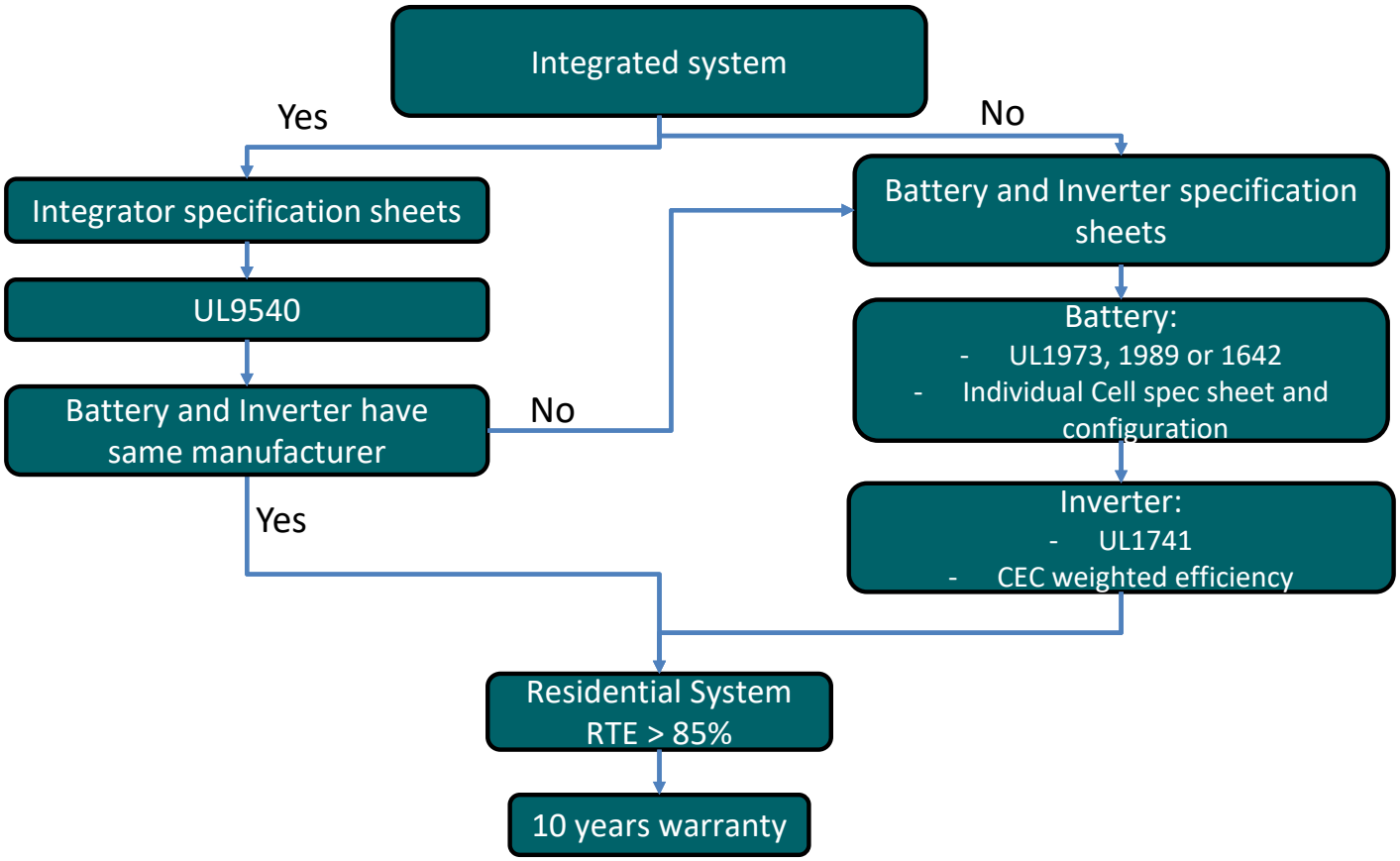
SELF-GENERATION INCENTIVE PROGRAM

Equipment Approval Process

New Equipment Review Document Requirements

- Receivables from the applicant:
  - Component specification sheets (battery, inverter and/or integrated system)
  - UL certificates (Battery: UL1973, 1642, 1989; Inverter: Ul1741; Integrator: UL9540)
  - Completed NEV workbook
  - Factory discharge test data if available*

New Equipment Review Criteria for Approval



Discharge Data Review Document Requirements

- Receivables from the applicant:
  - Factory or Field Discharge test results
  - Supporting information such as:
    - Make and Model of the system tested
    - Test location
    - Metering information, etc.

Discharge Data Review Criteria for Approval

Discharge duration within the same 2 hrs time slot as SGIP approved value (i.e. 0-2, 2-4 or 4-6 hrs)

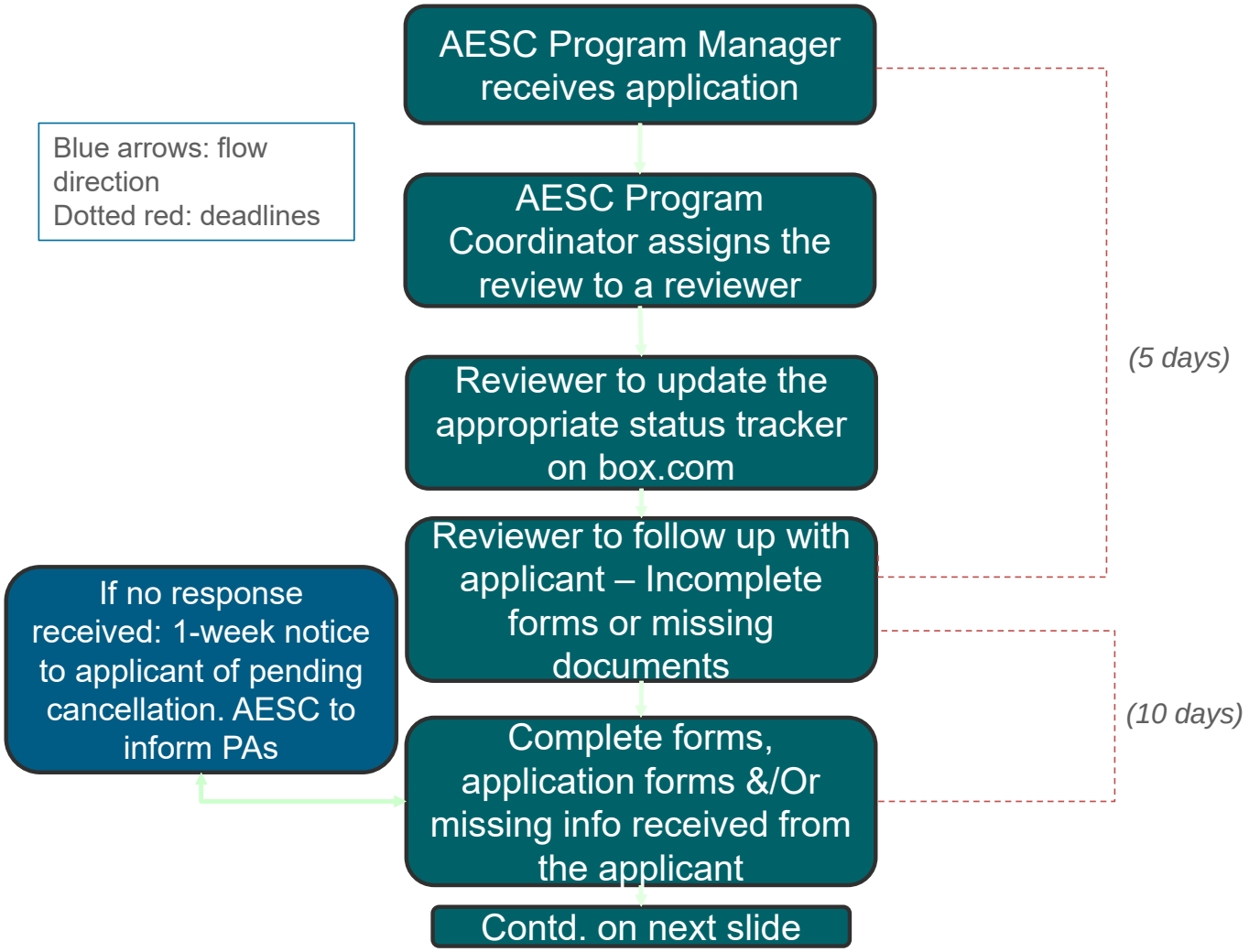
Average discharge kW capacity = $\left(\frac{Total\ kWh}{Discharge\ Duration\ (Hrs)}\right)$ is within the same 0-30 kW or >=30 kW capacity as the SGIP approved value

Battery SOC remaining <= 5%

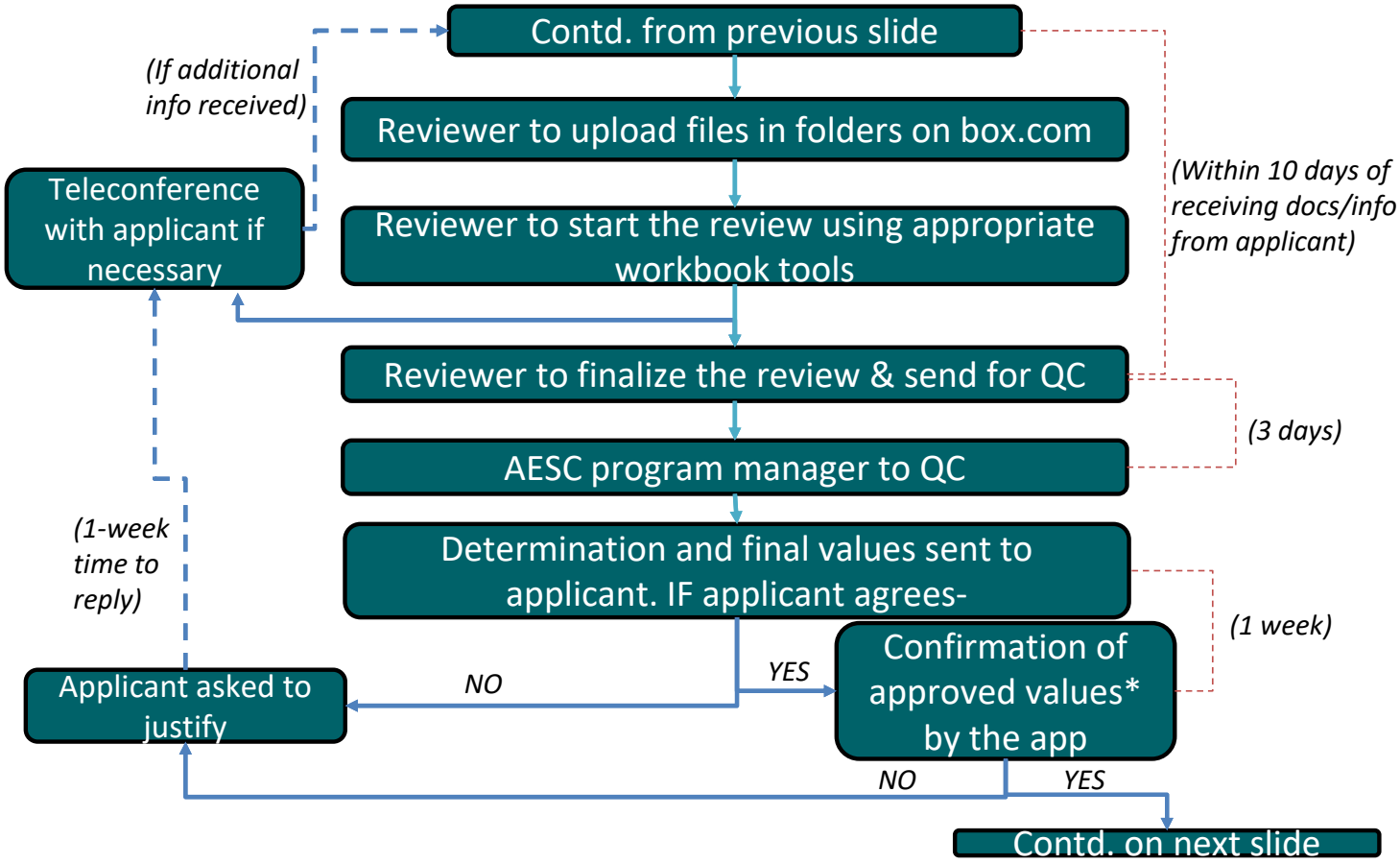
$\left(\frac{Total\ kWh - SGIP\ Approved\ kWh}{SGIP\ Approved\ kWh} \times 100\right)$ <=5%

Note: If the last criterion is not met, the system will be de-rated. Applicant will be given 1** more chance for submitting a new factory test

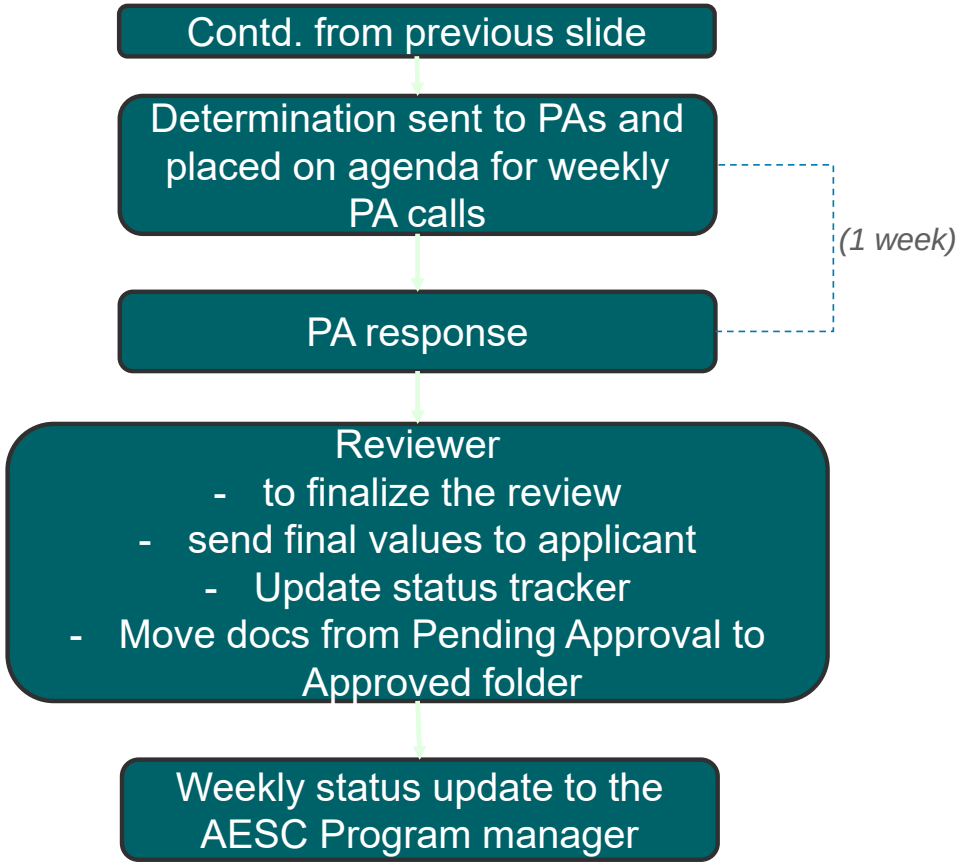
Equipment Review and Discharge Data Review Process Flow



Equipment Review and Discharge Data Review Process Flow (cont.)



Equipment Review and Discharge Data Review Process Flow (cont.)



SGIP 2021 Q2 Public Workshop

SELF-GENERATION INCENTIVE PROGRAM

Q & A

SELF-GENERATION INCENTIVE PROGRAM

Thank You

Southern California Edison	SGIPGroup@sce.com
Pacific Gas and Electric Company	selfgen@pge.com
Center for Sustainable Energy	sgip@energycenter.org
SoCalGas	selfgeneration@socalgas.com