

SGIP Online Database Workshop

What's New for 2017

March 10, 2017

PRESENTED TO

SGIP Public Workshop

Public Participants

PRESENTED BY

Andrea Vas

Energy Solutions

What's New for 2017

- Applicant Account Registration
- Lottery Process
 - New Status Flow
 - Lottery Trigger
 - Lottery Randomization
- Application Submission
- Application Changes
- Calculators
- Developer Cap
 - Developer Cap Management
 - New Panel: Developer Contact
- Budget Reports
 - Incentive Step Tracker
 - Incentive Rates Table
 - Developer Tracker



APPLICANT ACCOUNT REGISTRATION



Applicant Account Registration

- New Applicant Companies must send a registration request through selfgenca.com/register

One account per
Applicant Company

Energy Solutions
handles registrations

Self-Generation Incentive Program

[Login](#)[About SGIP](#)[Resources](#)[Calculator](#)[Contact](#)

New Applicants may request a new account for their Applicant Company using the online request form available here. SGIP Support staff will assist with account creation during normal business hours.

1. Company Profile Details

Applicant Company Name:

or N/A:

Mailing Address: *

Mailing Address(line2):

City: *

State: *

Zipcode: *

Parent Company Name:

2. Account Admin Details

Username: *

Name(First Last): *

Phone: *

Mobile:

Email: *

[Submit Request to SGIP Support](#)



Applicant Settings

- Existing Applicant Admins can add new users to their SGIP Applicant Account through Settings page.

Dashboard ▾ Settings Resources ▾

Applicant Company Settings (Applicant Admin) [Edit Company](#)

Applicant Company Name: Test.Company

Address: 123 Main Street

Address (line 2):

City: Somewhere

State: CA

Zipcode: 90210

Parent Company:

Account Management

User Name	Contact Name	Phone	Mobile	Email	
andrea.test	test applicant	123-456-7890		avas@energy-solution.com	
emily.test	Test User	123-456-7890		31.kona@gmail.com	
amee.test	Aimee Test	123-456-7890		test-account@gmail.com	

[\(+ Add New User\)](#)

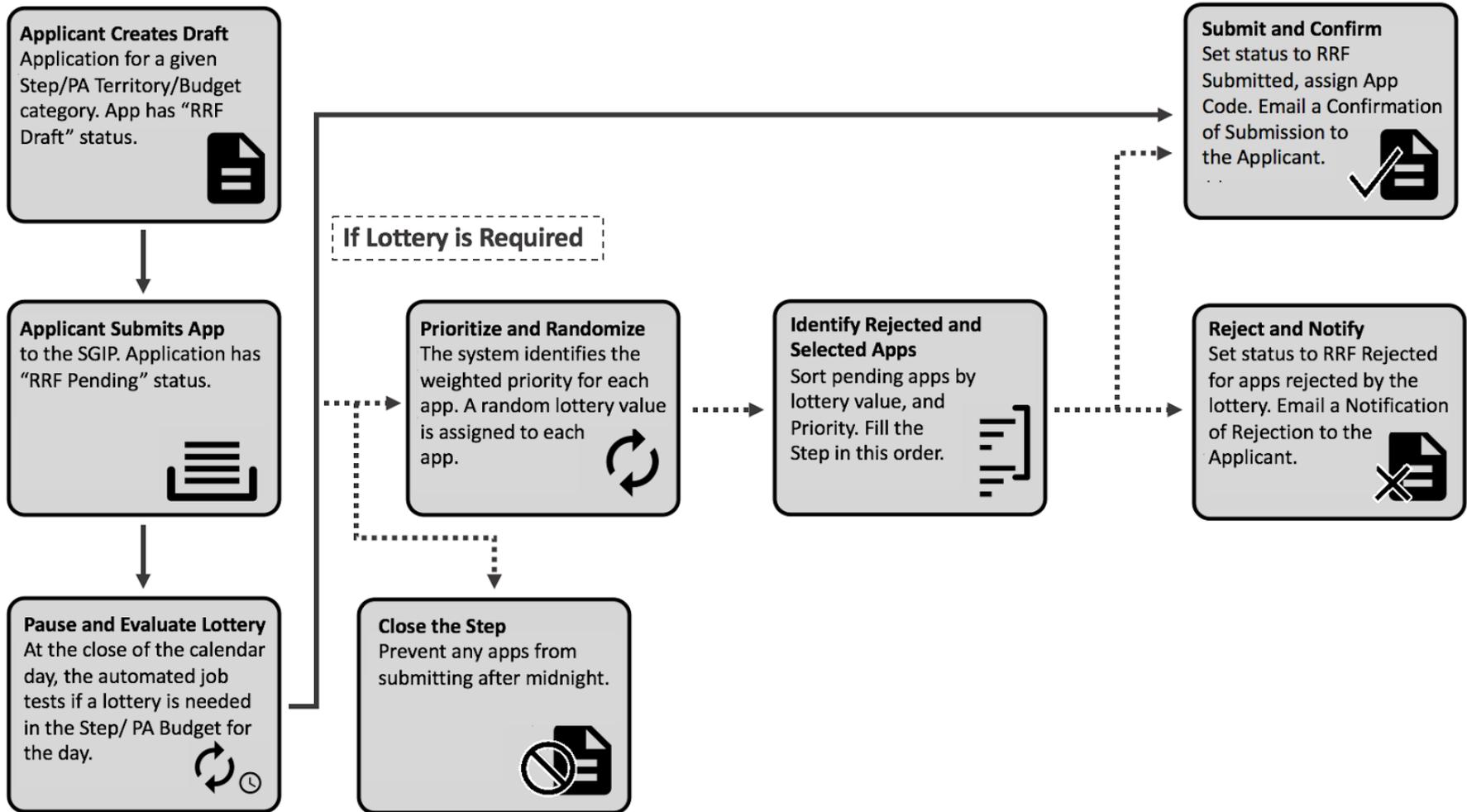
Users set their own password through “[Forgot Password?](#)” link on homepage



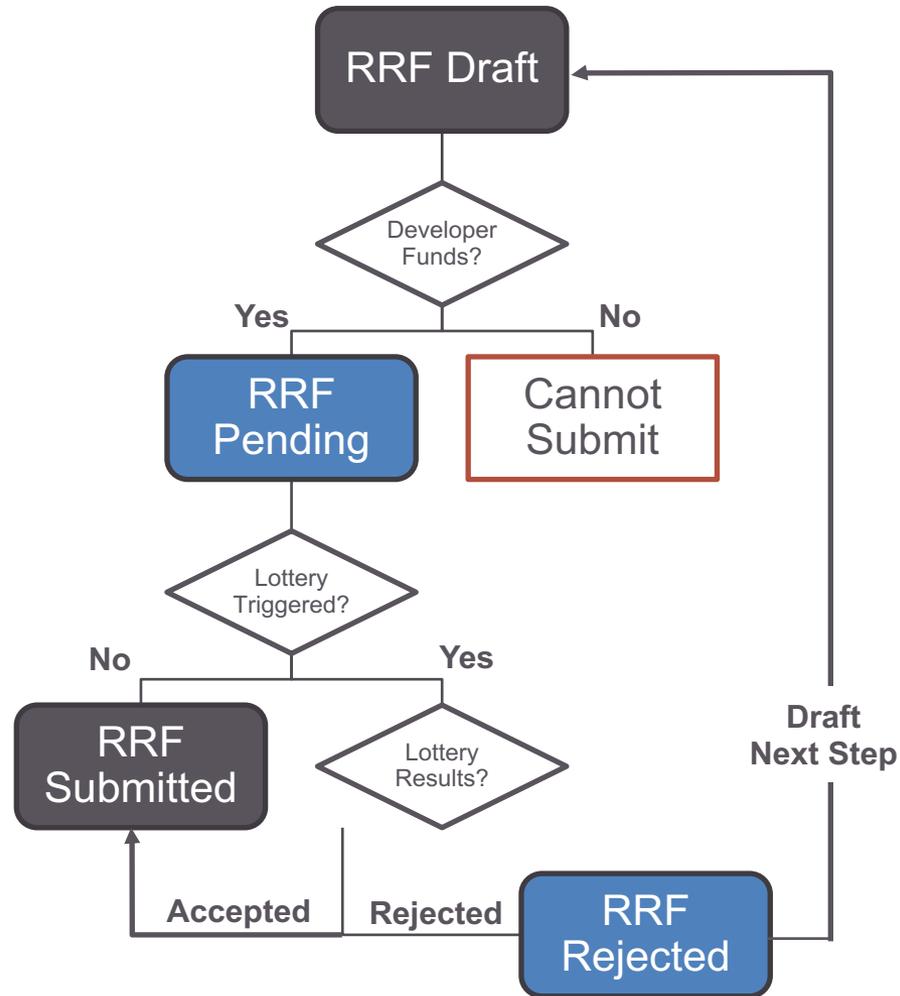
LOTTERY PROCESS



Lottery Process



New Statuses



Dashboard

Dashboard

Settings

Resources

Jane Doe Enterprises

+ Create New

Show entries

Search:

Application Number	Host Customer	Developer	Stage/Status	Status Date	Next Due	
Draft-4321	Sample Name	N/A	RRF Draft	05/13/17		Submit
Draft-4322	Sample Name 124 Farm Lane City, CA 99999	Developer A Co.	RRF Draft	05/13/17		Submit
Draft-4323	Sample Name 121 Farm Lane City, CA 99999	Another Developer	RRF Draft	04/01/17		Submit
Draft-4325	Sample Name 7 Industrial Drive City, CA 99999	Dev-Eloper Inc.	RRF Draft	mm/dd/yy		Submit
Pending-4319	Sample Name 100 Industrial Drive City, CA 99999	Dev-Eloper Inc.	RRF Pending	04/20/17		
Pending-4320	Sample Name 1 Industrial Drive City, CA 99999	Developer A Co.	RRF Pending	05/30/17		



Opens in New Tab

Submit Application

Dashboard

Settings

Resources

App List | Application | Submit

Current Status: RRF Draft

[Edit Application](#)

[Documents](#)

[Communications](#)

[Submit](#)

Instructions

Carefully review your application before proceeding. Once you submit your application, you will not be able to make changes or provide additional documentation for this application milestone unless requested by the PA.

Applications remain in "RRF Pending" Status until assigned to an incentive step. You will receive a notice when your project is assigned to step with an Application ID. If a lottery is conducted and your application is not selected, you will receive a notice confirming that the application has reverted back to RRF Draft status and you may resubmit your application when the next step opens.

All Applicants must agree to the Terms of Use and click the Submit button below to submit your application to the Program Administrator. Any violation of the Terms of Use or intent to circumvent the program rules may result in disciplinary action, including expulsion from the program.

NOTE: After a project is assigned to an incentive step, the application fee check must be mailed to the Program Administrator within 7 calendar days.

I agree to the [Terms of Use](#)

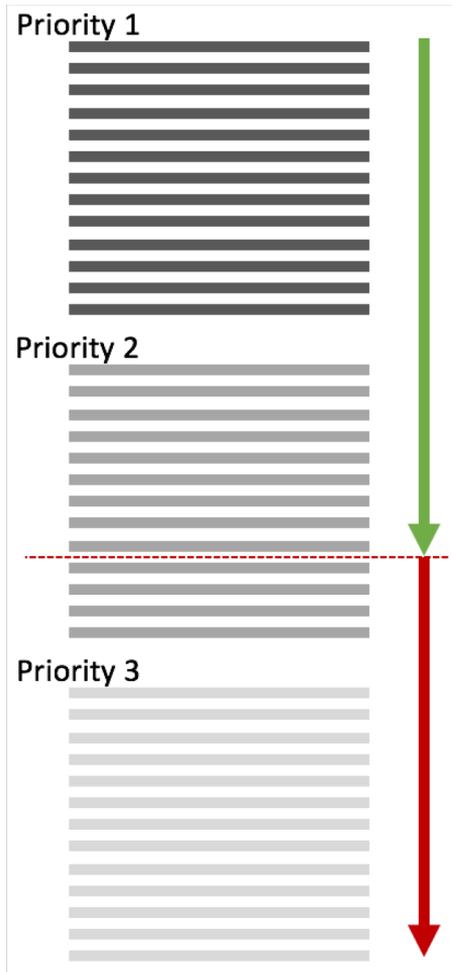
Check my Application

Submit

Available if the step program for the selected PA is open for submissions



Lottery per Program



- Group by priority
- Randomize order within priority
- Accept applications that can be entirely funded by remaining budget
- The last application is a “straddler”
 - PA will contact straddler to offer the partial incentive.
 - If straddler rejects the offer, the funds rollover to the next step.
- Remaining applications are rejected



Return to Draft

Dashboard

Settings

Resources

App List | Application | Submit

Current Status: RRF Rejected

Set Application Back to Draft

Your application was rejected by the automated lottery process. If you would like to submit this application for the next open step, please click the button above to set application back to Draft.

[Application Details](#)

[Documents](#)

[Communications](#)

[Submit](#)



Self Generation Incentive Program

Reservation Request Form

Instructions:

This Self-Generation Incentive Program (SGIP) Reservation Request Form is to be completed and submitted to the address listed to the left. Refer to the SGIP Program Handbook for instructions, and include all required attachments with your submittal. Incomplete applications will result in a suspended application. Upon successful submission of all reservation request information and documents, the Applicant will receive notice from the SGIP Program Administrator that their rebate has been reserved.

Date Printed: May 2, 2017
Program Year: 2017

Host Customer

Contact Name Sandy Storage
Company Name Store-it-All
Parent Company Name
Sector Commercial
NAICS unknown

Mailing Address 100 Sample Lane
City, State Zip City, CA, 90000
Phone 555-555-5555
Email sample@email.com



APPLICATION CHANGES



Application Process

- Process that has not changed:
 - Provide all required fields*
 - Upload all required documents *
 - Use “Check My Application” button to ensure application is complete
 - Watch the 2016 SGIP Tutorial
- Process that will change:
 - Dashboard columns
 - New “smart display” panels
 - Applications cannot be submitted between midnight and 1 AM.
 - *Approved CA Manufactured Equipment?*
 - Moved to Project Costs panel
 - Validation of Approved CA Manufacturer in June



New Panel: Application Type

Dashboard

Settings

Resources

App List | Application | Submit

Current Status: RRF Review

- [Edit Application](#)
- [Documents](#)
- [Communications](#)
- [Submit](#)

Application Type

Program Administrator*

Utility Territory

Application Type*

Energy Storage

NOTES

Provide this preliminary information to determine the applicable panels required for your application type.

Budget Category

Incentive Step

Incentive Rate

Small Residential Storage

2

\$0.45 /Wh

Remaining Statewide Developer Funds

\$276,872.43

Calculated SGIP Incentive

\$128,000.00

Save



Upload all required documents

Dashboard ▾ **Settings** **Resources** ▾

[App List](#) | [Application](#) | [Documents](#) **Current Status:** RRF Draft

- Documents listed here are required in order to submit your application. Upload only one file per document type. If you have multiple files, like for Equipment Specifications, you may upload a .zip folder.
- Visit the Resources tab to download blank copies of requested forms below.
- The application cannot be submitted until all required documents have a valid attachment. Documents will be reviewed thoroughly, any document that is incomplete will be rejected and may impact the eligibility of the application.
- Please refer to the 2016 SGIP Handbook and contact your Program Administrator if you have any questions about the documentation requirements.

RRF ▾

Reservation Request Form *

The RRF is a document you fill out online. Click **Edit Application** to continue. **Edit Application**

When your form is complete, click **Print & Sign** to get a printable version of the form. Attach a signed copy of the form with **Upload New**. **Print & Sign** **Upload New**

Equipment Specifications (Generating System Info) *

Upload New

Preliminary Monitoring Plan (>=30 kW) *

Upload New

Proof of Electric Service *

Upload New

Electric Load Documentation *

Upload New

Edit Application
Documents
Communications
Submit

Can't Print RRF until application has no errors



Proposed System Information - Generation

Proposed System Information - Generation ▼

Equipment Technology* <input type="text"/>	Does the PRT operate on pressure created by a renewable-fueled primary process? <input type="radio"/> Yes <input checked="" type="radio"/> No	NOTES <p>Enter information about the proposed generating system that is applying for an SGIP incentive.</p> <p>Please refer to the SGIP Handbook for the minimum fuel blending requirements per program year.</p> <p>Directed renewable fuel must be injected into a common carrier pipeline system that is either within the Western Electricity Coordinating Council (WECC) region or interconnected to a common carrier pipeline system located within the WECC region</p> <p>Report details of the paired system in the Paired Onsite System Information Panel.</p> <p>Export to Grid projects are sized based on the Eligible Capacity restrictions in the SGIP Handbook.</p>
Renewable Fuel Type* <input type="text"/>	Renewable Fuel Source <input type="text"/>	
% of Fuel From Renewable Source <input type="text"/> %	Non-renewable Fuel Type <input type="text"/>	
% of Fuel From Non-renewable Source <100 - Renewable> %	Annual Onsite Load <input type="text"/> kWh/yr	
Is this an "Export to Grid" Project?* <input type="radio"/> Yes <input checked="" type="radio"/> No	Paired Equipment Type <input type="text"/>	
Is there currently, or will there be by the time of inspection, other self-generation or storage equipment onsite?* <input type="radio"/> Yes <input checked="" type="radio"/> No		



Proposed System Information – Energy Storage

Proposed System Information - Energy Storage

Equipment Technology*

Manufacturer*

Model*

Total Rated Capacity*

 kW

Discharge Hours Duration*

 Hrs

Total Energy Capacity *

 kWh

Is there currently, or will there be by the time of inspection, other self-generation or storage equipment onsite?*

Yes No

Will the energy storage system be charged at least 75% from onsite renewables?

Yes No

Check the box to confirm that the system will be operated in accordance with the program's minimum operating and reporting requirement.*

I Agree

Save

NOTES

Enter information about the proposed storage system that is applying for an SGIP incentive.

Total Rated Capacity (kW) = Energy Capacity (kWh DC) x inverter efficiency (%) / Discharge Duration (hours)

Total Energy Capacity (kWh) = # Batteries x Amp-hour rating of each battery x System voltage

Report details of the additional onsite system(s) in the Other Onsite System Information Panel.



CALCULATORS



Incentive Calculation - Generation

Generation Incentive Calculator	Current Step: 2			Incentive Rate: \$0.5 per Watt		
Equipment Incentive	0-1 MW	>1-2 MW	>2-3 MW	Total Dollars		
Incentive Rate [\$/W]	\$0.50	\$0.38	\$0.25			
Previous SGIP Capacity [W]	0	0	0		0	
Capacity [W]	1,000,000	1,000,000	1,000,000		3,000,000	
Eligible Capacity [W]	1,000,000	1,000,000	1,000,000		3,000,000	
Base Equipment Incentive	\$500,000.00	\$380,000.00	\$250,000.00	\$	1,130,000.00	
CA Manufacturer Adder	\$100,000.00	\$76,000.00	\$50,000.00	\$	226,000.00	
Max Equipment Incentive	\$600,000.00	\$456,000.00	\$300,000.00	a)	\$1,356,000.00	
Biogas Adder						
Incentive Rate [\$/W]	\$0.60	\$0.45	\$0.30			
Eligible Capacity [W]	1,000,000	1,000,000	1,000,000			
Pro-Rated Biogas Capacity	980,000	980,000	980,000			
Pro-Rated Biogas Adder Ammount	\$588,000.00	\$441,000.00	\$294,000.00	b)	\$1,323,000.00	
DBG Premium Cap				c)		
Adjusted Biogas Adder				[Lesser of b or c] d)	\$1,323,000.00	
Other Incentives		Total Dollars		Impact on SGIP Incentive		
Other IOU Incentive (100%)	\$6,000.00			e) -\$	6,000.00	
Other Non-IOU Incentive (50%)	\$0.00			f)	\$0.00	
Non-Ratepayer Incentive (0%)	\$0.00					
Investment Tax Credit (0%)	\$400,000.00					
Adjusted Equipment Incentive				a+e+f = g)	\$1,350,000.00	
Total Other Incentives	h)	\$406,000.00				
SGIP Incentive Adjustments		Equipment Incentive + Biogas Adder +		Total Other Incentive <= Incentive Cap(s)		
Project Incentive Cap (Equipment and Biogas)	i)	\$1,350,000.00	\$1,323,000.00	\$5,000,000.00	j)	\$0.00
Eligible Cost Cap (All Incentives)	i+j=k)	\$1,350,000.00	\$1,323,000.00	\$406,000.00	l) -\$	1,079,000.00
Equipment Incentive				m)	\$271,000.00	
Biogas Incentive					\$1,323,000.00	
Calculated SGIP Incentive					\$1,594,000.00	

Footnotes:

* j = 0 if $g+d \leq \$5M$, otherwise $k = \$5M - (g+d)$

* l = 0 if $g+d+h \leq \text{Total Eligible Cost}$, otherwise $l = \text{Total Eligible Cost} - (g+d+h)$

* m = k - l



Incentive Calculation - Storage

Incentive Calculation	Current Step: 3			Incentive Rate: \$0.4 per Watt-hour		
Reference Table	0-2 MWH	>2-4 MWH	>4-6 MWH			
0-2 HOURS	100%	50%	25%			
2-4 HOURS	50%	25%	12.50%			
4-6 HOURS	25%	12.50%	6.25%			
Existing Onsite Equipment Off-Set	0-2 MWH	>2-4 MWH	>4-6 MWH			
0-2 HOURS	-	-	-			
2-4 HOURS	1,250,000	-	-			
4-6 HOURS	750,000	500,000	-			
Base Equipment Incentive					\$700,000.00	
CA Manufacturer Adder					0	
Max Equipment Incentive				a)	\$700,000.00	
Other Incentives	Total Dollars			Impact on SGIP Incentive		
Other IOU Incentive (100%)	\$6,000.00			b)	-\$6,000.00	
Other Non-IOU Incentive (50%)	\$0.00			c)	\$0.00	
Non-Ratepayer Incentive (0%)	\$0.00					
Adjusted Equipment Incentive				a+b+c = d)	\$694,000.00	
Total Other Incentives	e)	\$6,000.00				
SGIP Incentive Adjustments	Equipment Incentive + Total Other Incentive		<= Incentive Cap(s)	Incentive Adjustment		
Project Incentive Cap (Equipment)	f)	\$694,000.00	\$5,000,000.00	g)	\$0.00	
Eligible Cost Cap (All Incentives)	f+g= h)	\$694,000.00	\$6,000.00	\$1,500,000.00	i)	\$0.00
Equipment Incentive				j)	\$694,000.00	
Calculated SGIP Incentive					\$694,000.00	

Footnotes:

* g = 0 if f <= \$5M, otherwise g = \$5M - f

* i = 0 if h+i <= Total Eligible Cost, otherwise i = Total Eligible Cost - (h+i)

* j = h + i



DEVELOPER CAP



Developer Cap Management

- Each application must designate one Developer
- Applicant must enter corresponding Developer Key
- Developer Key is provided **only** by the Developer to the Applicant
 - SGIP Support and PAs cannot provide the Key
- Developer must sign Reservation Request Form
- Developer cannot submit requests greater than 20% of statewide step funds for each budget category
 - Developer must manage the list of applications that will be submitted on their behalf towards the cap in a given step
- Developer cannot be changed after RRF is submitted without PA approval



New Panel: Developer Contact

Developer Contact

Developer Company*	Developer KEY*	NOTES You must designate a Developer Company from the provided list, even you are both the applicant and the developer. You must also enter the corresponding key matching that Developer designation to proceed to submit this application. All participating Developers must be registered with SGIP Program Administrators. The registration form can be found on the Homepage.
Developer A ▼	1xJ8#kP!sd3	
Contact Name*		
Jane Doe		
Mailing Address		
123 Main St.		
City	State*	Zipcode*
Somewhere	CA	90210
Email Address*	Phone Number*	
jane.doe@job.com	510-837-5201	



Developer Tracker

Statewide Developer Cap

This report does not include applications submitted today or pending lottery results.

Select the Budget Category ▾

Generation

Large Energy Storage

Small-Resi Energy Storage

Step 1

Lead #2

Lead #3

Lead #4

Lead #5

Step 2

Lead #1

Lead #2

Lead #3

Lead #4

Lead #5

Step 3

Lead #1

Lead #2



- Developers can come here to track their allocations towards the Developer Cap
- “RRF Pending” apps not included until apps are in RRF Submitted or beyond
- Developer Cap is 20% of statewide funds per step, per budget category
- Developer Cap is enforced at the Submit Button

BUDGET REPORTS



Incentive Step Tracker

Statewide Summary - Program Metrics



Incentive Step Tracker

Select a Budget Category from the dropdown below to view the Incentive Step Tracker for the SGIP. The tracker is updated nightly, or in the case of a lottery, after the results are published. You can click on the category headers to view additional details.

Select the Budget Category ▾

	PG&E	SCE	CSE	SoCalGas
Active Step	1	2	1	2
Step Opening Date	5/01/2017	5/15/2017	5/01/2017	5/18/2017
Days in Step	18	3	18	0
Authorized Collections	\$ 300,000.00	\$ 1,500,200.00	\$ 1,000,200.00	\$ 500,000.00
Reallocations	\$ 10,000.00	\$ 0.00	\$ 50,000.00	\$ 0.00
Authorized Rollover	\$ 0.00	\$ 200,000.00	\$ 0.00	\$ 50,000.00
Allocated Funds	\$ 110,000.00	\$ 500,200.00	\$ 1,000,200.00	\$ 500,200.00
Available Funds	\$ 200,000.00	\$ 1,200,000.00	\$ 50,000.00	\$ 49,800.00



Incentive Rates Table

Incentive Rates for Current Steps

The equipment and biogas incentive rates per PA territory are displayed in the table below. The table references the incentive rates for the currently active step in each PA territory and is updated nightly, or in the case of a lottery, after the results are published.

	PG&E	SCE	CSE	SoCalGas
Generation	Step 3	Step 2	Step 2	Step 1
Wind	\$0.70/W	\$0.80/W	\$0.80/W	\$0.90/W
Other Generation	\$0.40/W	\$0.50/W	\$0.50/W	\$0.60/W
Max Biogas Adder*	\$0.60/W	\$0.60/W	\$0.60/W	\$0.60/W
Large Energy Storage	Step 2	Step 2	Step 1	Step 1
Energy Storage**	\$0.45/Wh	\$0.45/Wh	\$0.50/Wh	\$0.50/Wh
Energy Storage + ITC**	\$0.31/Wh	\$0.31/Wh	\$0.36/Wh	\$0.36/Wh
Small Residential Energy Storage	Step 1	Step 1	Step 1	Step 1
Energy Storage**	\$0.50/Wh	\$0.50/Wh	\$0.50/Wh	\$0.50/Wh

* Biogas adder does not apply to wind and waste heat to power. Final biogas adder will be prorated based on fuel blending and minimum fuel blending requirements.

** Energy Storage rates are subject to change if all PA territories close a step within 10 days of the Step Opening Date



QUESTIONS?

