

REQUEST FOR PROPOSALS



The Public Works Department is requesting proposals for:

Design of Solar, HVAC, and Battery Energy Storage Systems (BESS) at City Facilities

RELEASE DATE: December 14, 2021

RESPONSE DUE: January 4, 2022

GENERAL INFORMATION / BACKGROUND

The City of San Fernando is requesting proposals from qualified engineering firms to provide analysis and design of new solar, HVAC, and Battery Energy Storage Systems (BESS) at the City's Police Department and Public Works Operations facilities. Alternate items for the proposal include the cost for analyzing and designing solar, HVAC, and BESS at City Hall. The proposal should include cost estimate for providing bid support and construction engineering/management during installation of the project.

The Police Department facility is located at 910 First Street and has a total floor area of 19,669 square feet. The Public Works Operations facility is located at 120 Macneil Street and has a total floor area of 11,345 square feet. City Hall is located at 117 Macneil Street and has a total floor area of 14,432 square feet. The City has some electrical and mechanical plans for each facility and can make those available upon request. All three locations are shown on the site plan in Attachment A.

The City currently has rebate funding available for portions of this project under the Self-Generation Incentive Program (SGIP). Applications for installations of BESS at the Police Department and Public Works Operations facilities are shown in Attachment B.

SCOPE OF WORK

The City's Department of Public Works is seeking a qualified consultant to assist in analyzing and developing engineered plans for the installation of solar panels, HVAC system, and Battery Energy Storage Systems at its Police Department and Public Works Operations facilities. The City is interested in having a similar analysis and set of plans developed for our City Hall, as well. Services will include, but are not limited to:

1. Review and analysis of the existing HVAC equipment and system, analysis of the electrical loading needed at the facilities.
2. Review of the applications submitted for SGIP funding to determine appropriate size of BESS at the Police Department and Public Works Operations facilities.
3. Development of plans and specifications for solar, HVAC, and BESS.
4. Bid support, construction engineering, and construction management services during installation phase of the project, including inspection of work performed by the contractor.

INSTRUCTIONS TO SUBMITTING FIRMS

A. Examination of Proposal Documents

By submitting a proposal, the prospective firm represents that it has thoroughly examined and become familiar with the services required under this RFP, and that it is capable of delivering quality services to the City in an efficient and cost-effective & manner.

B. Questions/Clarifications

Please direct any questions regarding this RFP to Matt Baumgardner, Director of Public Works, via e-mail at mbaumgardner@sfcity.org. Questions must be received by 5:30 p.m. on **Monday, December 27, 2021**. All questions received prior to the deadline will be collected and responses will be emailed by **Wednesday, December 29, 2021**.

C. Submission of Proposals

All proposals shall be submitted via email to Matt Baumgardner at mbaumgardner@sfcity.org and the subject line of the email shall read, "City of San Fernando RFP – **Design of Solar, HVAC, and BESS at City Facilities.**" Proposals must be received no later than **Tuesday, January 4, 2021 at 2:30 p.m.** All proposals received after that time will not be accepted.

D. Withdrawal of Proposals

A firm may withdraw its proposal at any time before the due date for submission of proposals as provided in the RFP by delivering a written request for withdrawal signed by, or on behalf of the prospective firm.

E. Rights of City of San Fernando

This RFP does not commit the City to enter into a Contract, nor does it obligate the City to pay for any costs incurred in preparation and submission of proposals or in anticipation of a contract.

The City reserves the right to:

- 1) Make the selection based on its sole discretion;
- 2) Reject any and all proposals without prejudice;
- 3) Issue subsequent Requests for Proposal;
- 4) Postpone opening for its own convenience;
- 5) Remedy technical errors in the Request of Proposal process;
- 6) Approve or disapprove the use of particular sub-contractors;
- 7) Negotiate with any, all, or none of the prospective firms;
- 8) Solicit best and final offers from all or some of the prospective firms;
- 9) Accept other than the lowest offer; and/or;

10) Waive informalities and irregularities in the proposal process.

F. Contract Type

It is anticipated that a standard form professional services agreement contract will be signed subsequent to the Director of Public Works' review and approval of the recommended firm.

G. Collusion

By submitting a proposal, each prospective firm represents and warrants that; its proposal is genuine and not a sham or collusive or made in the interest of or on behalf of any person not named therein; that the prospective firm has not directly, induced or solicited any other person to submit a sham proposal or any other person to refrain from submitting a proposal; and, that the prospective firm has not in any manner sought collusion to secure any improper advantage over any other person submitting a proposal.

SCHEDULE FOR SELECTION

RFP Available:	December 14, 2021
Deadline for submittal of Questions:	December 27, 2021
Response to Questions:	December 29, 2021
Deadline for submittal of Proposal:	January 4, 2021
Execute Agreement (at City Council Meeting):	January 18, 2021

SELECTION CRITERIA

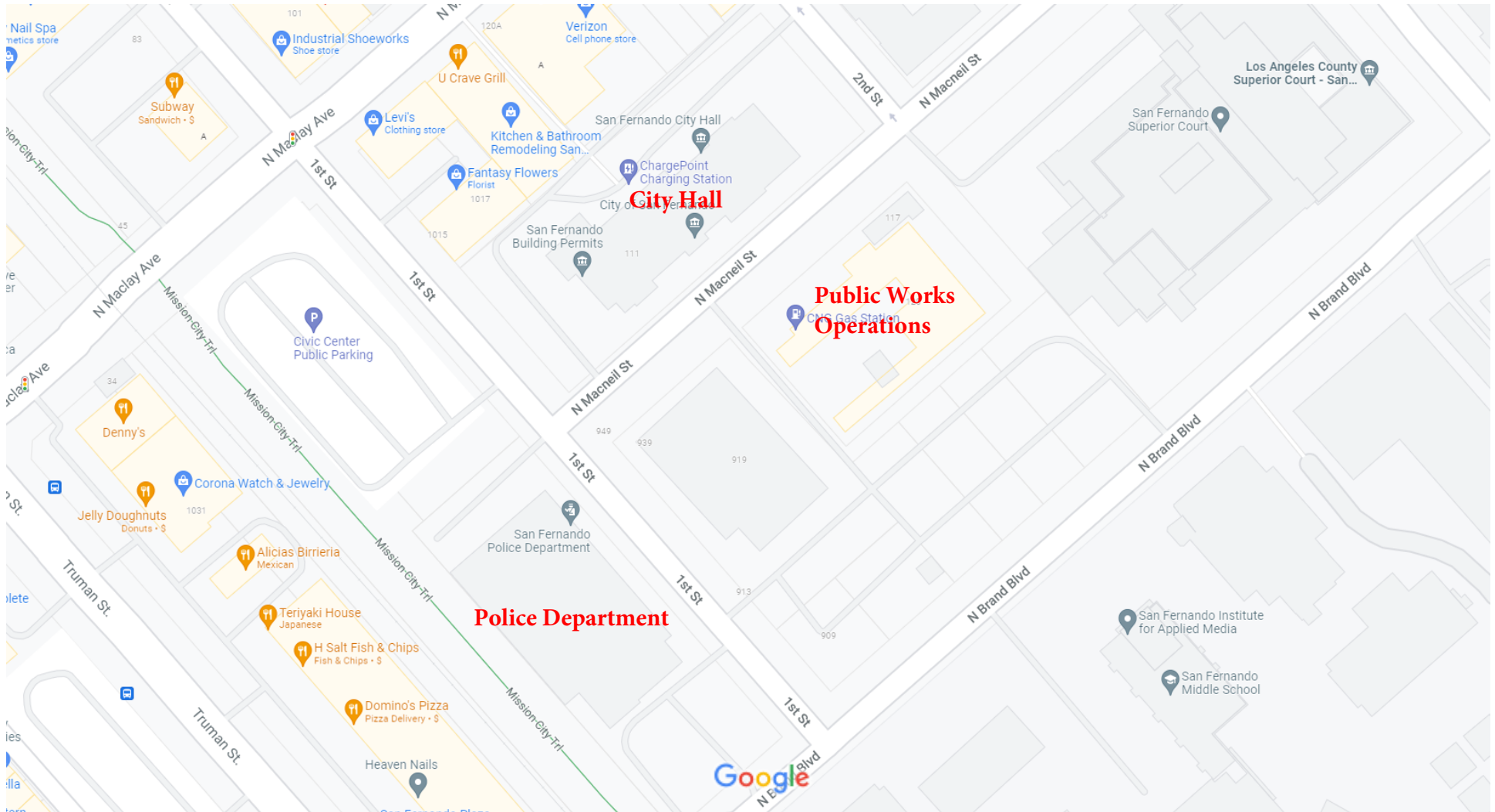
The City of San Fernando will select the consultant on the basis of qualifications and experience. The following general selection criteria will be used to evaluate each consultant firm:

1. Qualifications and knowledge of Project Manager and key personnel's experience most closely related to the stated scope of work.
2. Relevant experience within the past ten years.
3. Responsiveness and clarity of the proposal.
4. References.
5. Time commitment and availability.

CONTENTS OF PROPOSAL

The following information shall be submitted in response to this RFP:

1. Name, Address and Phone Number of the firm.
2. Related experience during the last ten years.
3. Name and detailed resume of key personnel including Project Manager, whom proposer intends to use to work on the City's projects, showing educational background and assignment experience for at least the past ten (10) years.
4. References from previous clients with direct knowledge of each key personnel's, including Project Manager's, past performance.
5. Estimated Project Schedule broken down by the following phases:
 - a. Review and Engineering Analysis*
 - b. Design of the systems, development of plans and specifications, and construction cost estimates.*
 - c. Bid support, including review of bids and reference check of contractors*
 - d. Engineering support during construction, including review of submittals and response to RFIs.*
 - e. Construction management, including inspection and monitoring during construction and installation of the equipment*
6. Cost proposal broken down by phase, the services being provided during each phase, and hourly wage rates for all personnel providing the service. The cost proposal should follow the estimated project schedule. The City will not be selecting the engineering firm based on price, but will evaluate the thought that went into developing the estimated schedule and the staffing to accomplish each phase.
7. The estimated project schedule and cost proposal should be organized such that the work is completed first at the Police Department and then at the Public Works Operations facility. The work to be done at City Hall should be shown as an alternate item that may be included as part of the project.





Southern California Edison
SGIPGroup@sce.com

Application ID:

Date Printed: 05/08/2020

Program Year: 2020

NOTE: Your application is not submitted until you upload this form and all other required documentation and click on "Submit" via the online system.

Self Generation Incentive Program Reservation Request Form

Instructions: This Self-Generation Incentive Program (SGIP) Reservation Request Form is reflective of the information entered in the online form process. Please review thoroughly for accuracy of information before signing. Once the form has been signed by all parties, scan and upload this document under the Reservation Request header in the Documents section of the online application. 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 request has been received.

Application Type

Application Type: Energy Storage
Budget Category: Non-Residential Storage Equity

Incentive Step: 5
Incentive Rate: \$0.85

Host Customer

Contact Name: Nick Kimball
Company Name: City of San Fernando
Parent Company Name:
NAICS: unknown
Is this a public institution? N/A
Sector: State or Local Government
Sector definition: Agreed

Mailing Address: 117 N Macneil St
City, State, Zip: San Fernando, CA, 91340
Phone: 8188981201
Email: nkimball@sfcity.org

Is Household Low-Income Status?

Is the Host Customer enrolled for the medical baseline program?

Has the Host Customer notified their utility of serious illness or condition that could become life-threatening if electricity is disconnected?

Has the Host Customer received an incentive reservation letter from either the MASH, SASH, DAC-SASH, or SOMAH programs?

Has applicant coordinated with their local governments and the California Office of Emergency Services? N/A

Does the host customer provide critical services or infrastructure during a PSPS event to a community that is at least partially located in a Tier 2 or Tier 3 HFTD and eligible for the equity budget?

- 1. 911 call center/Public Safety Answering Point N/A
- 2. Cooling center designated by state, local, or tribal government N/A
- 3. Emergency operations center N/A
- 4. Emergency response provider with the addition of tribal government providers N/A
- 5. Fire station N/A
- 6. Food bank N/A
- 7. Independent living center N/A
- 8. Jail or prison N/A
- 9. Homeless shelters supported by federal, state, local, or tribal governments N/A
- 10. Medical facility (hospital, skilled nursing facility, nursing home, blood bank, health care facility, dialysis center, or hospice facility) N/A

11. Police station N/A
12. Public and private gas, electric, water, wastewater or flood control facility N/A
13. Location designated by an IOUs to provide assistance during PSPS events N/A
- Is this public or tribal government agency serving 50% of a low-income or disadvantaged community census tract? Yes

System Owner

Contact Name: Nick Kimball **Mailing Address:** 117 N. Macneil St

Company Name: City of San Fernando **City, State, Zip:** San Fernando, CA, 91340

Parent Company Name: **Phone:** 8188981201

Email: nkimball@sfcity.org

Developer

Contact Name: **Mailing Address:**

Company Name: **City, State, Zip:**

Phone:

Email:

1. Approaching or communicating with the host customer about the project and learning about its needs and energy profile 1. Yes
2. Developing the specifications for a system based on the customer's needs and interests 2. Yes
3. Soliciting bids from multiple manufacturers for the specified system 3. Yes
4. Gaining the customer's commitment to purchase or lease the specified system, usually but not necessarily by signing a purchase order with a customer or other form of agreement 4. Yes
5. Purchasing the specified system from the manufacturer to fulfill the obligation to provide a system to the customer 5. Yes
6. Securing permits for the system on behalf of the customer 6. Yes
7. Securing interconnection permission for the system on behalf of the customer 7. Yes
8. Submitting SGIP applications on behalf of the customer 8. Yes
9. Liaising with the SGIP administrators on incentive reservations 9. Yes
10. Liaising with the SGIP administrators on data reporting requirements 10. Yes
11. Supplying project data to SGIP evaluators 11. Yes
12. Physically constructing the system at the customer's premises 12. Yes
13. Installing the system at the customer's premises 13. Yes

Who is performing the other activities?

Applicant

Contact Name: **Mailing Address:**

Company Name: **City, State, Zip:**

Parent Company Name: **Phone:**

Email:

Contractor/Installer Contact

Contact Name: **Mailing Address:**

Company Name: **City, State, Zip:**

Contractor License Number (CSLB): **Email:**

Contractor License Type: **Phone:**

Project Site Information

Site Address: SF Police Department

City, State, Zip: 901 1st St
San Fernando, CA, 91340

Project site within the SCE-defined local reliability area? No
Disadvantaged Community or Low-Income Community according to the CalEnviroScreen? Both
Is the site located in a high fire threat district (HFTD)? Not Applicable
Has experienced at least two discrete PSPS events? No
Household relies on electric pump wells for their water supplies? Not Applicable
Participating San Joaquin Valley Pilot area?
Agrees to location Eligibility: Yes

Utility Information

Electric Utility:	Southern California Edison	Peak Annual Demand (kW):	106
Is the Host on an SGIP-Approved Rate?		Other Rate:	
Electric Utility is Municipal?	N/A	Demand Response Participant?	No
Account Name:	City of San Fernando	Demand Response Program Name:	
Is Existing Service?	Yes	Demand Response Obligation (kW):	
Utility Account ID:	3-001-1998-22	System Size Based on Load Growth?	No
Utility Meter ID:	259000-053417	Estimated Future Additional Demand (kW):	
Gas Utility:	SoCalGas		
Gas Utility is Municipal?	N/A		
Account Name:	City of San Fernando		
Is Existing Service?	Yes		
Utility Account ID:	04232069007		
Utility Meter ID:	15538043		

Proposed System Information

Equipment Technology:	Electrochemical Storage	Total Rated Capacity (kW):	116
System Manufacturer:	Tesla	Total Energy Storage Capacity (kWh):	464
System Model:	Powerpack	Discharge Hours Duration:	4
Other self-generation or storage equipment onsite?			
Charged at least 75% from renewables?	Yes		

Other Onsite System Information

SGIP Incentivized System(s) Onsite:

Technology	Make/Model	Project Code	Installed	Energy Storage Capacity (kWh)	Total Rated Capacity (kW)

Non-Incentivized System(s) Onsite:

Technology	Make/Model	Year Installed	Energy Storage Capacity (kWh)	Total Rated Capacity (kW)
Photovoltaic	LG 420WN2W-V5	2020		120.96

Previous SGIP Generator Capacity (kW): 0

Previous SGIP Storage Capacity (kWh): 0

Project Finance

Total Eligible Project Cost (TEPC):	\$732,878.00	Taking Federal Investment Tax Credits (ITC):	No
Ineligible Project Cost:		ITC as a % of TEPC:	%

Approved California Manufacturer Equipment:

No

Other Incentives Received	Incentive Type	Incentive Amount	Description
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Incentive Results

Incentive Calculation Equity	Current Step 5			Incentive Rate: \$0.85	
Reference Table	0-2 MWH	>2-4 MWH	>4-6 MWH		
0-2 HOURS	100%	50%	25%		
2-4 HOURS	100%	50%	25%		
4-6 HOURS	50%	25%	12.50%		
<hr/>					
	0-2 MWH	>2-4 MWH	>4-6 MWH		
Existing Onsite Equipment Offset	-	-	-		
0-2 HOURS	232,000	-	-		
2-4 HOURS	232,000	-	-		
4-6 HOURS	-	-	-		
Base Equipment Incentive					\$394,400.00
CA Manufacturer Adder					
Max Equipment Incentive				a)	\$394,400.00
Other Incentives	Total Dollars				Impact on SGIP Incentive
Other IOU Incentive	0			b)	\$0.00
Other Non-IOU Incentive	0			c)	\$0.00
Non-Ratepayer Incentive	0				
Investment Tax Credit (0%)	0				
Adjusted Equipment Incentive				a+b+c = d)	\$394,400.00
Total Other Incentives	e)	0			
SGIP Incentive Adjustments	Equipment Incentive	Total Other Incentives <=	Incentive Cap(s)		Incentive Adjustment
	+				
Project Incentive Cap (Equipment)	f)	\$394,400.00	\$5,000,000.00	*g)	0
Eligible Cost Cap (All Incentives)	f+g=h)	\$394,400.00	0	**i)	0
Equipment Incentive				***j)	\$394,400.00
Calculated SGIP Incentive					\$394,400.00

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

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

*** j = h + i

The incentive adjustments shown above are based on the Total Eligible Project Cost, the Maximum Incentive Cap, and the Minimum Customer Investment. See the SGIP Handbook for more information on incentive limitations.

Calculated Incentive: \$394,400.00

If changes have been made to your project since it was originally submitted, the calculated incentive amount above may differ from the requested incentive amount. The final incentive amount is subject to Program Administrator approval.

Projected PBI Calculation

Expected Total Production:	48,256 kWh
Total Incentive:	\$394,400.00
Initial Payment:	\$197,200.00
Performance Based Incentive:	\$197,200.00
PBI Rate (\$/kWh):	\$0.8173077

Residential Energy Storage Eligibility Affidavit Requirements of Host Customers and System Owners

- o The energy storage system owner and/or Host Customer have the tools to control the usage of the energy storage system when operating in parallel with the grid.

- o Provide performance data to the Program upon request (emailed, zipped file of 15 minute interval data) for a period of five (5) years.
- o Pass the energy storage Field Verification Inspection.
- o Host Customer and/or System Owner are required to discharge the energy storage system a minimum of 52 full discharges per year. A "full discharge" is the equivalent of discharging the SGIP-incentivized energy capacity, whether it is during a single or multiple discharges.
- o Fulfill either of the two following conditions:
 - o Option A: the Host Customer is on a TOU tariff, dynamic tariff (e.g. PG&E's SmartRate or SDG&E's Reduce Your Use), or agrees to integrate load through the California Independent System Operator's Proxy Demand Response, or equivalent tariff, prior to receiving the SGIP incentive and for five (5) years thereafter. Note that in the event that the Host Customer changes to a non-TOU tariff or is no longer enrolled in a demand reduction program, the energy storage System Owner is required to notify the Program Administrator within 30 days of change, and will be subject to Option B for the required five year period.
 - o Option B: the Host Customer and/or System Owner agrees, for a minimum period of five (5) years, to discharge the energy storage system in an amount equivalent to 52 complete cycles per year of the incentivized energy capacity, which is defined as two hours of discharge at the SGIP incentivized power capacity rating, with discharges occurring during peak hours or peak day events (such as those called by PG&E's SmartRate program or SDG&E's Reduce Your Use), of the applicable IOU service territory.

Declarations by Host Customer and System Owner

By Execution of this document, System Owner and Host Customer each certify that the Project meets all program eligibility requirements and that the System Owner and Host Customer agree to abide by the rules and requirements set forth in the SGIP Handbook and SGIP Contract. The undersigned declare under penalty of perjury under the laws of the State of California that 1) The information provided is true and correct, and 2) the above-described generating system is new and intended to offset part or all of the Host Customer's electrical requirements at the site of installation. For residential energy storage projects, the Host Customer and System Owner certify that they have read and agreed to the terms of the Residential Energy Storage Eligibility Affidavit.

The Host Customer and System Owner are committed to completing this project, and by signing below, are starting their intent to contract with individual(s) necessary for completion of the project. The Host Customer is the reservation holder and reserves the right to submit new project specifications, including a new application with alternative System Owner and/or Applicant designations, upon withdrawal from the project and cancellation of this Agreement.

Host Customer Signature

Print Name:

Signature:

Title:

Date:

System Owner (if not Host Customer)

Print Name:

Signature:

Title:

Date:

Applicant (if not Host Customer)

Print Name:

Signature:

Title:

Date: 5/7/2020

Developer

Print Name:

Signature:

Title:

Date:



Southern California Edison
SGIPGroup@sce.com

Application ID:

Date Printed: 05/08/2020

Program Year: 2020

NOTE: Your application is not submitted until you upload this form and all other required documentation and click on "Submit" via the online system.

Application Type

Application Type: Energy Storage
Budget Category: Non-Residential Storage Equity

Incentive Step: 5
Incentive Rate: \$0.85

Host Customer

Contact Name: Nick Kimball
Company Name: City of San Fernando
Parent Company Name:
NAICS: unknown
Is this a public institution? N/A
Sector: State or Local Government
Sector definition: Agreed

Mailing Address: 117 N. Macneil St
City, State, Zip: San Fernando, CA, 91340
Phone: 8188981201
Email: nkimball@sfcity.org

Is Household Low-Income Status?

Is the Host Customer enrolled for the medical baseline program?

Has the Host Customer notified their utility of serious illness or condition that could become life-threatening if electricity is disconnected?

Has the Host Customer received an incentive reservation letter from either the MASH, SASH, DAC-SASH, or SOMAH programs?

Has applicant coordinated with their local governments and the California Office of Emergency Services? N/A

Does the host customer provide critical services or infrastructure during a PSPS event to a community that is at least partially located in a Tier 2 or Tier 3 HFTD and eligible for the equity budget?

- | | |
|---|-----|
| 1. 911 call center/Public Safety Answering Point | N/A |
| 2. Cooling center designated by state, local, or tribal government | N/A |
| 3. Emergency operations center | N/A |
| 4. Emergency response provider with the addition of tribal government providers | N/A |
| 5. Fire station | N/A |
| 6. Food bank | N/A |
| 7. Independent living center | N/A |
| 8. Jail or prison | N/A |
| 9. Homeless shelters supported by federal, state, local, or tribal governments | N/A |
| 10. Medical facility (hospital, skilled nursing facility, nursing home, blood bank, health care facility, dialysis center, or hospice facility) | N/A |

11. Police station N/A
12. Public and private gas, electric, water, wastewater or flood control facility N/A
13. Location designated by an IOUs to provide assistance during PSPS events N/A
- Is this public or tribal government agency serving 50% of a low-income or disadvantaged community census tract? Yes

System Owner

Contact Name: Nick Kimball **Mailing Address:** 117 N. Macneil St

Company Name: City of San Fernando **City, State, Zip:** San Fernando, CA, 91340

Parent Company Name: **Phone:** 8188981201

Email: nkimball@sfcity.org

Developer

Contact Name: **Mailing Address:**

Company Name: **City, State, Zip:**

Phone:

Email:

1. Approaching or communicating with the host customer about the project and learning about its needs and energy profile 1. Yes
2. Developing the specifications for a system based on the customer's needs and interests 2. Yes
3. Soliciting bids from multiple manufacturers for the specified system 3. Yes
4. Gaining the customer's commitment to purchase or lease the specified system, usually but not necessarily by signing a purchase order with a customer or other form of agreement 4. Yes
5. Purchasing the specified system from the manufacturer to fulfill the obligation to provide a system to the customer 5. Yes
6. Securing permits for the system on behalf of the customer 6. Yes
7. Securing interconnection permission for the system on behalf of the customer 7. Yes
8. Submitting SGIP applications on behalf of the customer 8. Yes
9. Liaising with the SGIP administrators on incentive reservations 9. Yes
10. Liaising with the SGIP administrators on data reporting requirements 10. Yes
11. Supplying project data to SGIP evaluators 11. Yes
12. Physically constructing the system at the customer's premises 12. Yes
13. Installing the system at the customer's premises 13. Yes

Who is performing the other activities?

Applicant

Contact Name: **Mailing Address:**

Company Name: **City, State, Zip:**

Parent Company Name: **Phone:**

Email:

Contractor/Installer Contact

Contact Name: **Mailing Address:**

Company Name: **City, State, Zip:**

Contractor License Number (CSLB): **Email:**

Contractor License Type: **Phone:**

Project Site Information

Site Address: PW Operations Facility
120 N Macneil St

City, State, Zip: San Fernando, CA, 91340

Project site within the SCE-defined local reliability area? No
Disadvantaged Community or Low-Income Community according to the CalEnviroScreen? Both
Is the site located in a high fire threat district (HFTD)? Not Applicable
Has experienced at least two discrete PSPS events? Not Applicable
Household relies on electric pump wells for their water supplies? Not Applicable
Participating San Joaquin Valley Pilot area?
Agrees to location Eligibility: Yes

Utility Information

Electric Utility: Southern California Edison **Peak Annual Demand (kW):** 226
Is the Host on an SGIP-Approved Rate? **Other Rate:**
Electric Utility is Municipal? N/A **Demand Response Participant?** No
Account Name: City of San Fernando **Demand Response Program Name:**
Is Existing Service? Yes **Demand Response Obligation (kW):**
Utility Account ID: 3-029-8565-56 **System Size Based on Load Growth?** No
Utility Meter ID: 259000-085889 **Estimated Future Additional Demand (kW):**
Gas Utility: SoCalGas
Gas Utility is Municipal? N/A
Account Name: City of San Fernando
Is Existing Service? Yes
Utility Account ID: 09062064002
Utility Meter ID: 11895501

Proposed System Information

Equipment Technology: Electrochemical Storage **Total Rated Capacity (kW):** 111.5
System Manufacturer: Tesla **Total Energy Storage Capacity (kWh):** 223
System Model: Powerpack **Discharge Hours Duration:** 2
Other self-generation or storage equipment onsite?
Charged at least 75% from renewables? Yes

Other Onsite System Information

SGIP Incentivized System(s) Onsite:

Technology	Make/Model	Project Code	Installed	Energy Storage Capacity (kWh)	Total Rated Capacity (kW)

Non-Incentivized System(s) Onsite:

Technology	Make/Model	Year Installed	Energy Storage Capacity (kWh)	Total Rated Capacity (kW)
Photovoltaic	LG Ig 420n2w-a5	2020		50.4

Previous SGIP Generator Capacity (kW): 0

Previous SGIP Storage Capacity (kWh): 0

Project Finance

Total Eligible Project Cost (TEPC): \$358,259.00 **Taking Federal Investment Tax Credits (ITC):** No
Ineligible Project Cost: **ITC as a % of TEPC:** %

Approved California Manufacturer Equipment:

No

Other Incentives Received	Incentive Type	Incentive Amount	Description
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Incentive Results

Incentive Calculation Equity	Current Step 5			Incentive Rate: \$0.85	
Reference Table	0-2 MWH	>2-4 MWH	>4-6 MWH		
0-2 HOURS	100%	50%	25%		
2-4 HOURS	100%	50%	25%		
4-6 HOURS	50%	25%	12.50%		
<hr/>					
	0-2 MWH	>2-4 MWH	>4-6 MWH		
Existing Onsite Equipment Offset					
0-2 HOURS	223,000	-	-		
2-4 HOURS	-	-	-		
4-6 HOURS	-	-	-		
Base Equipment Incentive					\$189,550.00
CA Manufacturer Adder					
Max Equipment Incentive				a)	\$189,550.00
Other Incentives	Total Dollars			Impact on SGIP Incentive	
Other IOU Incentive	0			b)	\$0.00
Other Non-IOU Incentive	0			c)	\$0.00
Non-Ratepayer Incentive	0				
Investment Tax Credit (0%)	0				
Adjusted Equipment Incentive				a+b+c = d)	\$189,550.00
Total Other Incentives	e)	0			
SGIP Incentive Adjustments	Equipment Incentive	Total Other Incentives <=	Incentive Cap(s)	Incentive Adjustment	
	+				
Project Incentive Cap (Equipment)	f)	\$189,550.00	\$5,000,000.00	*g)	0
Eligible Cost Cap (All Incentives)	f+g=h)	\$189,550.00	0	**i)	0
Equipment Incentive				***j)	\$189,550.00
Calculated SGIP Incentive					\$189,550.00

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

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

*** j = h + i

The incentive adjustments shown above are based on the Total Eligible Project Cost, the Maximum Incentive Cap, and the Minimum Customer Investment. See the SGIP Handbook for more information on incentive limitations.

Calculated Incentive: \$189,550.00

If changes have been made to your project since it was originally submitted, the calculated incentive amount above may differ from the requested incentive amount. The final incentive amount is subject to Program Administrator approval.

Projected PBI Calculation

Expected Total Production:	23,192 kWh
Total Incentive:	\$189,550.00
Initial Payment:	\$94,775.00
Performance Based Incentive:	\$94,775.00
PBI Rate (\$/kWh):	\$0.8173077

Residential Energy Storage Eligibility Affidavit Requirements of Host Customers and System Owners

- o The energy storage system owner and/or Host Customer have the tools to control the usage of the energy storage system when operating in parallel with the grid.

- o Provide performance data to the Program upon request (emailed, zipped file of 15 minute interval data) for a period of five (5) years.
- o Pass the energy storage Field Verification Inspection.
- o Host Customer and/or System Owner are required to discharge the energy storage system a minimum of 52 full discharges per year. A "full discharge" is the equivalent of discharging the SGIP-incentivized energy capacity, whether it is during a single or multiple discharges.
- o Fulfill either of the two following conditions:
 - o Option A: the Host Customer is on a TOU tariff, dynamic tariff (e.g. PG&E's SmartRate or SDG&E's Reduce Your Use), or agrees to integrate load through the California Independent System Operator's Proxy Demand Response, or equivalent tariff, prior to receiving the SGIP incentive and for five (5) years thereafter. Note that in the event that the Host Customer changes to a non-TOU tariff or is no longer enrolled in a demand reduction program, the energy storage System Owner is required to notify the Program Administrator within 30 days of change, and will be subject to Option B for the required five year period.
 - o Option B: the Host Customer and/or System Owner agrees, for a minimum period of five (5) years, to discharge the energy storage system in an amount equivalent to 52 complete cycles per year of the incentivized energy capacity, which is defined as two hours of discharge at the SGIP incentivized power capacity rating, with discharges occurring during peak hours or peak day events (such as those called by PG&E's SmartRate program or SDG&E's Reduce Your Use), of the applicable IOU service territory.

Declarations by Host Customer and System Owner

By Execution of this document, System Owner and Host Customer each certify that the Project meets all program eligibility requirements and that the System Owner and Host Customer agree to abide by the rules and requirements set forth in the SGIP Handbook and SGIP Contract. The undersigned declare under penalty of perjury under the laws of the State of California that 1) The information provided is true and correct, and 2) the above-described generating system is new and intended to offset part or all of the Host Customer's electrical requirements at the site of installation. For residential energy storage projects, the Host Customer and System Owner certify that they have read and agreed to the terms of the Residential Energy Storage Eligibility Affidavit.

The Host Customer and System Owner are committed to completing this project, and by signing below, are starting their intent to contract with individual(s) necessary for completion of the project. The Host Customer is the reservation holder and reserves the right to submit new project specifications, including a new application with alternative System Owner and/or Applicant designations, upon withdrawal from the project and cancellation of this Agreement.

Host Customer Signature

Print Name:

Signature:

Title:

Date:

System Owner (if not Host Customer)

Print Name:

Signature:

Title:

Date:

Applicant (if not Host Customer)

Print Name:

Signature:

Title:

Date: 5/7/2020

Developer

Print Name:

Signature:

Title:

Date: