

SILICON VALLEY CLEAN ENERGY MEMBER AGENCY GRANT PROGRAM AGREEMENT

THIS AGREEMENT is made and effective on the date of last signature below (“Effective Date”) by and between the Silicon Valley Clean Energy Authority (“SVCE”), an independent public agency and *City of Sunnyvale* (“Recipient”, collectively “Parties”). In consideration of the covenants, conditions and undertakings set forth herein, the parties agree as follows:”

1. RECITALS. This Agreement is made with respect to the following facts and purposes which each of the parties acknowledge and agree are true and correct:

A. SVCE’s Member Agency Competitive Grant Program (“Program”) will provide \$3M in grants to member jurisdictions to plan and develop decarbonization demonstration, energy resilience, and engagement projects.

B. Recipient submitted an application for Program funding, attached hereto and incorporated herein as Exhibit A, for a decarbonization demonstration, energy resilience, and engagement projects (“Project”). The scope and estimated budget for the Project are included in Exhibit A.

C. SVCE finds that the use of Grant Funds described herein furthers a public purpose and meets the goals and objectives established for the Program, and desires to award Recipient a one-time grant pursuant to the terms of this Agreement.

2. GRANT. SVCE hereby agrees to provide funding to Recipient in an amount not to exceed **\$503,384** , subject to the provisions of this Agreement (“Grant Funds”). Such Grant Funds shall be disbursed to Recipient on a reimbursement basis. It is agreed and understood that the Grant Amount is a ceiling and that SVCE will only reimburse the allowable cost of services actually rendered as authorized by SVCE at or below the Grant Amount established herein.

3. REIMBURSEMENT OF GRANT FUNDS. Grant Funds shall be reimbursed pursuant to the following process:

A. SVCE shall reimburse Recipient for its actual and reasonable costs of constructing the Project up to the agreed upon Grant Funds.

B. Requests for payment submitted to SVCE shall include: 1) a cover letter in the agency’s letterhead summarizing the project and requested dollar amount for reimbursement 2) an itemized list of all expenditures; and 3) supporting documentation that clearly identifies the expenditure(s) in relation to the scope of the Project set forth in Exhibit A of this Agreement. Payment requests should be aggregated and submitted after Project completion.

C. SVCE shall process requests for payment and remit payment within 30 days.

D. If, in SVCE’s sole discretion, the request for payment is incomplete, inadequate, or inaccurate, SVCE may dispute the invoice for reasonable cause and hold all or a portion of the payment request until all required information is received or corrected. Any penalties imposed

on the Recipient by a contractor, or other consequence, because of delays in payment or other breach of the agreement between the Recipient and the contractor are the responsibility of the Recipient and are not reimbursable under this Agreement.

E. Unless otherwise authorized by SVCE in writing, Recipient shall submit all documentation of Project completion, including a final request for payment, within sixty (60) days of Project completion.

F. Payment of Grant Funds shall be paid up to the total amount of the actual Project cost, not to exceed the Grant Funds amount set forth in this Agreement, upon completion of the Project, receipt of the final report and final request for payment from the Recipient in a form and content satisfactory to SVCE.

4. USE OF GRANT FUNDS. Recipient shall use the Grant Funds to support the Program as set forth in Exhibit A. Any use(s) of Grant Funds not contemplated in this Agreement must be approved in writing by SVCE. This Agreement was awarded to Recipient based on the application submitted by Recipient with the intention that the awarded funds would be used to implement the Project as described in Exhibit A. Any substantive deviation during Project implementation may require reevaluation or result in loss of funding. In no event shall Recipient's Grant Funds or scope of work be increased. If Recipient knows or should have known that substantive changes to the Project will occur or have occurred, Recipient will immediately notify SVCE in writing. SVCE will then determine whether the Project is still consistent with the overall objectives of the Program and whether the changes would have negatively affected the Project ranking during the Grant evaluation process. SVCE reserves the right to have Grant Funds withheld from Recipient, or refunded to SVCE, due to Recipient's failure to satisfactorily complete the Project or due to substantive changes to the Project.

5. TERM. This Agreement shall commence on the Effective Date, and shall remain and continue in effect until the final Grant Funds are paid to Recipient, unless sooner terminated pursuant to the provisions of this Agreement. Project completion dates shall not be extended unless SVCE determines, in its sole discretion, that extenuating circumstances justify an extension. Projects must be complete no later than **December 31, 2028**.

6. REPORTING AND RECORDS. Recipient agrees to cooperate with SVCE and provide requested information, if any, related to the use of Grant Funds and the Project, including for the purposes of SVCE's evaluation, measurement, and verification activities for the Program. Recipient will cooperate in good faith with SVCE or its authorized representative in performing evaluation, measurement and verification (EM&V) of the Program. Information accessed for EM&V may include, but is not limited to, onsite verification of Project operation, Program compliance, and Project records, analysis of facility billing metered data, analysis of data collected from facility-owned submetering, and collection of supplementary metered data on-site. All information collected will be held confidentially and will be used by SVCE or its authorized representative for Program analysis purposes only. During the course of the

Project and for three (3) years thereafter from the receipt of the final Grant Funds, the Recipient agrees to maintain, intact and readily accessible, all communications, data, documents, reports, records, contracts, and supporting materials relating to the Project, as SVCE may require. The Recipient agrees to have financial and compliance audits performed as SVCE may require.

7. LEGAL RESPONSIBILITIES. Recipient shall keep itself informed of all local, State and Federal ordinances, laws and regulations which in any manner affect those employed by it or in any way affect the performance under this Agreement. Recipient shall at all times observe and comply with all such ordinances, laws and regulations. SVCE, and its officers and employees, shall not be liable at law or in equity occasioned by failure of Recipient to comply with this Section.

8. PREVAILING WAGES. By accepting the Grant Funds, Recipient as a material term of this Agreement shall be fully responsible for complying with all California public works requirements including but not limited to payment of prevailing wage. Therefore, as a material term of this Agreement, to the extent required by California law, Recipient shall ensure that prevailing wages are paid, that the project budget for labor reflects these prevailing wage requirements, and that the project complies with all other requirements of prevailing wage law, including that Recipient's subcontractors also comply with all applicable public works/prevaling wage requirements.

9. PROCUREMENT. At minimum, Recipient shall abide by Recipient's purchasing regulations and policies and all California laws and regulations in procuring goods or services where the costs are eligible for reimbursement under this Agreement.

10. CALIFORNIA PUBLIC RECORDS ACT. Recipient and SVCE acknowledge that both SVCE and Recipient are subject to the California Public Records Act (Gov. Code § 7920.000 *et seq.*). The Parties acknowledge that either party may submit information to the other party that they consider to be confidential, proprietary, or trade secret information. Only such information clearly designated in writing as "confidential" shall be deemed "Confidential Information." Upon request or demand of any third person or entity ("Requestor") for the production, inspection, and/or copying of Confidential Information, the receiving Party shall notify the other Party that such request has been made. The other Party shall be solely responsible for taking whatever legal steps are necessary to protect Confidential Information and to prevent its release to the Requestor. Without limiting either Party's right to disclose Confidential Information as may be required by law, if either Party takes no such action after receiving the foregoing notice from the other Party, the Party shall be permitted to release information it deems subject to disclosure.

11. NOTICES. Any notices provided under this Agreement must be in writing and may be given either by mail or e-mail to the following addresses:

SVCE:
Silicon Valley Clean Energy Authority 333 W. El Camino Real #330
Sunnyvale, CA 94087
Attention: jessica.cornejo@svcleanenergy.org

RECIPIENT:

City of Sunnyvale
456 W. Olive Ave., Sunnyvale, CA 94086
Attention: Madeline Khair, mkhair@sunnyvale.ca.gov

12. INDEPENDENT CONTRACTOR.

A. Recipient shall at all times remain as to the SVCE a wholly independent contractor. The personnel performing the services under this Agreement on behalf of Recipient shall at all times be under Recipient's exclusive direction and control. Neither SVCE nor any of its officers, employees, agents, or volunteers shall have control over the conduct of Recipient or any of Recipient's officers, employees, or agents except as set forth in this Agreement. Recipient shall not at any time or in any manner represent that it or any of its officers, employees or agents are in any manner officers, employees or agents of the SVCE. Recipient shall not incur or have the power to incur any debt, obligation or liability whatever against SVCE, or bind SVCE in any manner.

B. No employee benefits shall be available to Recipient in connection with the performance of this Agreement. Except for the fees paid to Recipient as provided in the Agreement, SVCE shall not pay salaries, wages, or other compensation to Recipient for performing services hereunder for SVCE. SVCE shall not be liable for compensation or indemnification to Recipient for injury or sickness arising out of performing services hereunder.

13. INDEMNIFICATION. Recipient shall indemnify, protect, defend and hold harmless SVCE, its elected officials, officers, employees, volunteers, and representatives from any and all suits, claims, demands, losses, defense costs or expenses, actions, liability or damages of whatsoever kind and nature which SVCE, its officers, agents and employees may sustain or incur or which may be imposed upon them for injury to or death of persons, or damage to property arising out of Recipient's acts or omissions arising out of or in any way related to the performance or non-performance of this Agreement; excluding, however, such liability, claims, losses, damages or expenses arising from SVCE's sole negligence or willful acts. This Section shall survive the termination of this Agreement.

14. INSURANCE.

A. On or before the commencement of the term of this Agreement, Recipient shall furnish SVCE with a certificate of self-insurance showing effective dates, and dates of expiration of insurance coverage in compliance with the requirements in this Section. Recipient is self-insured for the coverage required herein through a combination of self-insured retentions and municipal risk pooling as authorized by state law. Recipient shall maintain such coverage in full force at all times for the duration of this Agreement, at its sole cost and expense. Nothing herein shall be construed as a limitation on Recipient indemnification obligations under this Agreement.

- B. Recipient shall maintain the following minimum insurance coverages:
- 1) Workers' compensation, as required by the State of California;
 - 2) Commercial general liability coverage with minimum limits of \$3,000,000 per occurrence and \$5,000,000 aggregate for bodily injury and property damage.
 - 3) Comprehensive automotive liability coverage with minimum limits of

\$1,000,000 per accident for bodily injury and property damage.

C. Such coverages shall be issued by an insurer(s) licensed to conduct business in the State of California, with a minimum A.M. Best's Insurance Rating of A:VII unless otherwise approved in writing as satisfactory to SVCE. The Recipient may satisfy its obligations under this Section through self-insurance.

D. The insurance limits required by SVCE are not represented as being sufficient to protect Recipient. Recipient is advised to confer with its insurance broker to determine adequate coverage for Recipient.

15. DEFAULT AND TERMINATION. Should an Event of Default occur, SVCE shall provide a notice of default to Recipient and shall give Recipient at least fifteen (15) calendar days from the date the notice is sent to cure the Event of Default. If Recipient fails to cure the Event of Default within the time prescribed, SVCE may, at SVCE's sole discretion, withhold Grant Funds not yet disbursed hereunder, require the return or repayment of Grant Funds already disbursed, and/or terminate this Agreement by written notice which shall be effective upon receipt by Recipient. "Event of Default" shall mean the occurrence of any one or more of the following events by Recipient: (a) any false statement, representation, or warranty contained in this Agreement, the Application, or any other document submitted to SVCE; (b) failure to comply with applicable laws; (c) a failure to maintain in effect any policy of insurance required under this Agreement; or (d) a material breach of this Agreement.

16. NON-APPROPRIATION. Recipient acknowledges that SVCE is a public agency. In the event that sufficient funds for the performance of this Agreement are not appropriated by the SVCE Board of Directors in any fiscal year covered by this Agreement, this Agreement may be terminated by SVCE, without penalty, by giving notice to Recipient of such facts and of SVCE's intention to terminate.

17. NON-WAIVER. Failure to exercise any right the SVCE may have or be entitled to, in the event of default hereunder, shall not constitute a waiver of such right or any other right in the event of a subsequent default.

18. AMENDMENT OF AGREEMENT. No modification, rescission, waiver, release or amendment of any provision of this Agreement shall be made except by a written agreement executed by the Recipient and the SVCE.

19. ASSIGNMENT PROHIBITED. In no event shall the Recipient assign or transfer any portion of this Agreement.

20. GOVERNING LAW. This Agreement shall be governed by the laws of the State of California. Any legal action brought under this Agreement must be instituted in the Superior Court of the County of Santa Clara, State of California.

21. NO THIRD-PARTY BENEFIT. The provisions of this Agreement are for the sole benefit of the parties hereto and confer no rights, benefits, or claims upon any person or entity not a party hereto.

22. SEVERABILITY. If any provision of this Agreement is held to be invalid or unenforceable for any reason, the remaining provisions will continue in full force without being impaired or invalidated in any way. The parties agree to replace any invalid provision with a valid provision that most closely approximates the intent and economic effect of the invalid provision.

23. RECIPIENT'S AUTHORITY. Recipient represents and warrants that (a) it has the power and authority to enter into this Agreement and to perform its obligations hereunder; (b) the person who executes this Agreement on its behalf has the necessary authority to bind Recipient; and (c) neither the execution and delivery of this Agreement nor the performance of its obligations hereunder will constitute a violation of, a default under, or conflict with any term of any governance documents or other agreements to which it is bound.

24. COUNTERPARTS. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original and all of which shall be taken together and deemed to be one instrument. Faxed and PDF counterpart signatures are sufficient to make this Agreement effective.

25. ENTIRE AGREEMENT. This Agreement contains the entire understanding between the parties relating to the obligations of the parties described in this Agreement. All prior or contemporaneous agreements, understandings, representations and statements, oral or written, are merged into this Agreement and shall be of no further force or effect. Each party is entering into this Agreement based solely upon the representations set forth herein and upon each party's own independent investigation of any and all facts such party deems material.

26. COMMUNICATIONS AND ENGAGEMENT. Recipient agrees that SVCE may use and publicize information and visual materials (photos, videos, etc.) related to this project that belong to Recipient, including (but not limited to) information and visual materials provided in this application, updates, or follow-up information. Recipient will coordinate in good faith with SVCE on follow-up activities, such as interviews, outreach coordination, photo or video shoots, requests for additional information, and the design of educational materials and signage related to the project. Recipient will work with SVCE to schedule all coordination and activities within a determined and mutually agreed-upon time frame and understand that refusal or failure to collaborate on marketing and outreach may result in termination of the funding.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first above written.

SILICON VALLEY CLEAN ENERGY AUTHORITY

NAME: _____
TITLE: _____

APPROVED AS TO FORM:

NAME: _____
TITLE: _____

City of Sunnyvale

By: _____
Name: Tim Kirby
Title: City Manager

By: _____
Name:
Title:

[*Note: Signatures of two corporate officers are required for corporations – First signature must be one of the following: 1) the chairman of the board; 2) the president; or 3) any vice president. The second corporate signature must be one of the following: 1) the secretary; 2) any assistant secretary; 3) the chief financial officer; or 4) any assistant treasurer. Signature of Chief Executive is required for public agencies.]

EXHIBIT A

[Attach Grant Application]

December 5, 2025



Sunnyvale

Silicon Valley Clean Energy
333 W El Camino Real #330
Sunnyvale, CA 94087

City Hall
Environmental Services
456 West Olive Avenue
Sunnyvale, CA 94088-3707

408-730-7500

Sunnyvale.ca.gov

Re: Sunnyvale Application for 2024 SVCE Member Agency Noncompetitive Grant

To Whom It May Concern,

I am submitting this application packet for the Silicon Valley Clean Energy (SVCE) Non-Competitive Member Agency Grant on behalf of the City of Sunnyvale.

The City of Sunnyvale is seeking \$503,384 in non-competitive funding to stack with the \$1,000,000 SVCE Competitive Member Agency Decarbonization Grant previously awarded for the Fire Station 2 project. This additional funding will support the installation of a solar photovoltaic (PV) system and a battery energy storage system (BESS), enhancing the station's energy resilience and supporting all-electric operations at the new Fire Station 2.

Sunnyvale is committed to decarbonizing buildings citywide, as outlined in the City's Climate Action Playbook. The City continues to partner with SVCE to advance these shared goals through grants, community outreach, public education, and coordinated policy and program development. Together, these grants will strengthen our partnership and showcase Fire Station 2 as a resilient, fully electric municipal facility.

Please find the attached application packet for additional details on the planned energy resilience features and educational components associated with the Fire Station 2 project.

Thank you for your consideration. Please feel free to reach out with any questions.

Sincerely,

Ramana Chinnakotla

Ramana Chinnakotla

Director of Environmental Services

rchinnakotla@sunnyvale.ca.gov

408-730-7785

Heart of Silicon ValleySM



333 W El Camino Real, Suite 330 | Sunnyvale, CA 94087 | 1-844-474-SVCE (7823) | SVCleanEnergy.org

2024 SVCE Noncompetitive Member Agency Grant Form

Grant Program Overview

The Silicon Valley Clean Energy (SVCE) Noncompetitive Member Agency Grant program provides \$3.5 Million for SVCE’s thirteen member agencies. Each member agency will be awarded funding to invest in a project that supports building or transportation electrification, energy resilience, or community engagement on these topics. The purpose of this grant is to support each member agency’s clean energy and climate goals by providing a wide range of project options that align with SVCE’s mission.

Member agencies may split their funding between two projects and may choose to pass all or part of their funds to a public or community entity that is an SVCE customer for activities within its jurisdiction. Two member agencies can combine their funds for a single project if a site serves both jurisdictions. A separate Grant Form must be submitted for each project. SVCE requires a completed 2024 SVCE Member Agency Noncompetitive Grant Application Form (“Grant Form”) and an executed Grant Agreement for each project.

The dates are as follows:

- **Submit a complete Grant Form by Friday, December 5, 2025.** Please complete the Grant Form and have it approved as required by the member agency and signed by the member agency’s chief executive. Please title the email subject “[INSERT AGENCY] Noncompetitive Grant Application” and send to Jessica Cornejo [jessica.cornejo@svcleanenergy.org]. Staff will review and ensure it meets the requirements prior to initiating the Grant Agreement.
- **Execute the Grant Agreement at the earliest convenience after Grant Form approval.** SVCE’s standard Grant Agreement is attached at the end of the Grant Form. Upon approval of the Grant Form, the member jurisdiction will need to accept and complete SVCE’s Grant Agreement prior to expending any grant funds. Please complete it and have it approved as required by the member agency and signed by the member agency’s chief executive and send to Jessica Cornejo [jessica.cornejo@svcleanenergy.org]. The Grant Agreement will then be routed to SVCE’s Chief Executive Officer for final approval and signature.

If Member Agencies do not meet the Grant Form deadline of December 5, 2025, their grant fund allocation will be revoked.

Funding Distribution by Jurisdiction

Agency	% of SVCE Load	Original Allocation	Additional Funds Approved by SVCE BOD	New Allocation as of 9/10/2025
Campbell	5%	\$177,644	\$38,461	\$216,105
Cupertino	5%	\$186,769	\$38,461	\$225,230
Gilroy	6%	\$196,717	\$38,461	\$235,178
Los Altos	3%	\$149,093	\$38,461	\$187,554
Los Altos Hills	1%	\$117,275	\$38,461	\$155,736
Los Gatos	4%	\$173,184	\$38,461	\$211,645
Milpitas	16%	\$372,233	\$38,461	\$410,694
Monte Sereno	0%	\$106,521	\$38,461	\$144,982
Morgan Hill	5%	\$186,529	\$38,461	\$224,990
Mountain View	14%	\$341,460	\$38,461	\$379,921
Saratoga	3%	\$146,076	\$38,461	\$184,537
Sunnyvale	29%	\$594,923	\$38,461	\$633,384
Unincorporated County	9%	\$251,577	\$38,461	\$290,038
Total	100%	\$3,000,000	\$500,000	\$3,500,000

Grant funds will be disbursed as reimbursement post-project. Funds for capital projects must be spent by December 31, 2028. Funds for community engagement projects must be spent by December 31, 2027.

Grant Goals and Project Eligibility

SVCE's Noncompetitive Member Agency Grants will support the development of building and/or transportation electrification and/or energy resilience projects that enhance a municipal or community site. Projects can also include community engagement and education campaigns that address electrification and climate change, but this is not required. Project examples include, but are not limited to:

Project Type and Examples

- Fleet Electrification (e.g., convert to electric fleet vehicles, install level 2 chargers or direct current fast chargers, install bidirectional EV charger and purchase compatible bidirectional fleet electric vehicle [EV]¹)
- Facility Electrification (e.g., remove gas infrastructure and replace space/water/pool heating with heat pumps, kitchen electrification)

¹ SVCE is collaborating with PG&E on an upcoming Vehicle to Everything (V2X) pilot program. This program will recruit project partners in SVCE territory with bidirectional charging capabilities (both a charger and a compatible EV) to participate in a V2X pilot to test out hourly rates, grid reliability, and resilience during

power outages. Member agencies that install bidirectional EV charging station(s) and purchase a compatible bidirectional EV for their jurisdiction's fleet may be eligible to receive additional EV infrastructure incentives from PG&E's V2X pilot program and to receive financial incentives of up to \$2/kWh through the Emergency Load Reduction Program for reducing electrical loads during grid emergencies. Please contact SVCE if your jurisdiction is considering applying grant funds to support bidirectional charging or bidirectional fleet EVs.



- Facility & Fleet Resilience (e.g., solar + battery storage, battery added to existing solar, off-grid EV chargers)
- Decarb Demonstration (any of the above examples combined with an educational component. Remove gas infrastructure and replace space/water/pool heating with heat pumps, kitchen electrification paired with an optional community engagement and education plan)
- Innovative Community Engagement (e.g., Community Needs Assessment, resilience hub tours, electric home tours, induction cooktop campaigns, rebates or incentives for electric appliances)

Solar and Battery Project Requirement

Member agencies understand that to receive grant funds for solar and battery storage projects, SVCE shall have the first right of refusal to receive attributes from the project, such as resource adequacy (RA) or other capacity attributes, and renewable energy credits (RECs). During the procurement process, the member agency must request that the vendor provide the following information: Option 1) bid for the project including attributes (vendor gives up right to attributes) and Option 2) bid for the project without attributes (vendor owns right to attributes). SVCE will review vendor responses before the member agency begins contracting with the vendor. If the project is contracted for under Option 1, and if SVCE does not communicate a need to use the project's RA or capacity attributes, the vendor may keep the attributes. Member agency understands that to receive grant funds for solar and battery storage projects, their site may be required to participate in an SVCE Demand Response (DR) program. If the member agency is interested in participating in an external DR program, they must notify SVCE to receive approval. If the member agency has questions on this requirement, please reach out to SVCE.

Grant Form Terms and Conditions

All parties acknowledge that SVCE is a public agency subject to the requirements of the California Public Records Act, Cal. Gov. Code section 7920.000 et seq. Applications submitted are public records subject to public review.

The submission of a Grant Form shall be deemed a representation and certification by the member agency that it:

- Has read, understands and agrees to the information and requirements set forth in this Grant Form.
 - Has the capability to complete the responsibilities and obligations of the Grant Form being submitted.
 - Represents that all information contained in the Grant Form is true and correct.
 - Acknowledges that SVCE has the right to make any inquiry it deems appropriate to substantiate or supplement information supplied by member agency.
 - Will provide any and all documentation related to the Grant Form in a timely manner.
 - Has disclosed any conflicts of interest.
-

- This Grant Form does not commit SVCE to enter into a contract or disburse any grant funds, nor does it obligate SVCE to pay for any costs incurred in the preparation and submission of forms or in anticipation of a contract.

The person signing below hereby represents and warrants that they are signing with full and complete authority to bind the party on whose behalf of whom they are signing.

Signed:	Printed Name:	Date:
<i>Ramana Chinnakotla</i>	<u>Ramana Chinnakotla</u>	<u>12/5/2025</u>
Organization:	Title:	Email Address:
<u>City of Sunnyvale</u>	<u>Director of Environmental Services</u>	<u>rchinnakotla@sunnyvale.ca.gov</u>



Grant Form Questions:

Date of Grant Form:	Name of Agency: City of Sunnyvale
Name and Email of Project Team: Stephen Ping – sping@sunnyvale.ca.gov Marlon Quiambao – mquiambao@sunnyvale.ca.gov Michaela Donahue – mdonahue@sunnyvale.ca.gov Christina Raby – craby@sunnyvale.ca.gov	Project Name: Sunnyvale Fire Station 2 Community Decarbonization Demonstration Project
Email: craby@sunnyvale.ca.gov , sping@sunnyvale.ca.gov	Project Address: 795 East Arques Avenue, Sunnyvale CA

Project Summary- Please briefly describe the project, site, technology (if applicable), and intended audience.

The City of Sunnyvale is requesting \$503,384 of SVCE’s 2024 non-competitive member agency funding to supplement the \$1,000,000 previously awarded in SVCE competitive member agency funding for Fire Station 2, supporting additional costs to enhance the energy resiliency of this new emergency operations facility.

Project and Site:

Fire Station 2 is located at 795 East Arques Avenue, at the northwest corner of North Wolfe Road and East Arques Avenue in Sunnyvale, California. The 2.28-acre site will include two new buildings: the two-story, 15,845-square-foot fire station and a 5,600-square-foot regional training center. The existing 6,693 square-foot station, originally built in 1964, has reached the end of its useful life, and the current training operations are run from temporary trailers. The site improvements and phased construction will minimize service disruptions and allow for continuous emergency operations.

Technology:

Funding will be used to install a solar photovoltaic (PV) system and battery energy storage system (BESS) to provide renewable, resilient power to the new all-electric Fire Station 2 facility. The solar array will be sized to meet the building’s daytime energy demands, while the BESS will partially support building operations during periods without solar production. The system is designed for a photovoltaic array and a battery, capable of meeting the expected energy demand of the facility. The battery is designed to provide energy resilience to the station and operations during outages.

A microgrid control system will manage the PV array, BESS, and backup generator to determine the optimal power source and maximize building efficiency, reliability, and energy cost savings. The design proposes approximately 7,000 square feet of roof area that is available for solar panels. The building is designed to be all-electric, featuring heat pump heating and cooling systems, heat pump water heaters, and induction cooktops, and is targeting LEED Gold equivalency. While the new facility is fully funded by local Sunnyvale funds, additional grant support will enable the integration of the solar and battery systems, maximizing the benefits of the all-electric design and reducing operational costs.

Intended Audience:

Fire Station 2 serves two LIDAC communities¹ and is surrounded by multifamily residences, commercial, and faith-based properties. The station functions as both a critical emergency response facility and a regional training center, hosting 17-week firefighter academies and training over 400 firefighters annually from across Santa Clara County. It also serves the public during

emergencies, through community tours, and during public safety events. For firefighters, the facility serves as their “home away from home,” supporting both operational readiness and community engagement.

¹ Per the California Office of Environmental Health Hazard Assessment’s CalEnviroScreen 4.0 tool, the Fire Station 2 census tract 6085508704 meets multiple 90 percentile thresholds including PM 2.5 in the air, lack of green space, proximity to hazardous waste facilities and superfund sites, and traffic proximity and volume.



Project Details – Please explain why your agency has selected this project. What are you hoping to learn from the project? What information will you be using to assess the impact of the project? Who will benefit from the project?

The City of Sunnyvale has selected Fire Station 2 for this project because it is one of the City's critical emergency operations facilities and the first to undergo full reconstruction as part of Sunnyvale's Fire Station Master Plan, which calls for the modernization of five fire stations. The existing station, built in 1964, currently operates with natural gas and outdated electrical infrastructure, making it an ideal candidate for demonstrating facility electrification and energy resilience strategies consistent with Sunnyvale's Climate Action Playbook (CAP).

This project has been identified by the City as meeting three key SVCE project types: Facility & Fleet Resilience, Facility Electrification, and Decarbonization Demonstration. The new Fire Station 2 and Joint Fire Academy will be fully electric facilities equipped with modernized electrical systems and high-efficiency heat pump HVAC systems. In addition, the facility will incorporate PV panels, a BESS, and a microgrid control system to provide reliable, renewable energy during both normal operations and grid outages.

Why selected:

Fire Station 2 was chosen for this grant because:

- It directly aligns with the City's municipal facility decarbonization and energy resilience goals in the CAP (Move 2.E).
- Its project timeline aligns with the SVCE's 2024 grant cycle, allowing for integration of solar and battery systems during construction.
- Solar PV and BESS are not currently funded in the project's base budget, presenting a clear and timely need for additional funding.
- The site serves as a regional training center, providing opportunities for community education and outreach on clean energy and resilience in public facilities and critical operation centers.

What we hope to learn:

The City aims to learn how an all-electric, energy-resilient emergency service facility can maintain essential operations without fossil fuels while meeting the same safety, comfort, and performance standards as conventional stations. Through this project, Sunnyvale will assess

- How the integrated PV, battery energy storage, and microgrid system can sustain emergency operations during outages
- How high-efficiency heat pump HVAC systems perform in an emergency service environment
- How system controls can be optimized to balance efficiency, resilience, and operational reliability.
- Lessons learned from this project will inform best practices for future fire station renovations and new all-electric municipal facilities citywide.

Assessing project impact:

Project performance will be evaluated through:

- Energy and system data, including PV generation, battery performance, and overall energy use.
- Operational resilience metrics, including duration of sustained operations during power interruptions.
- Cost and emissions reductions from electrification and renewable generation.
- Qualitative feedback from facility users and maintenance staff to inform future designs.

Who will benefit:

The project will benefit:

- Fire Station 2 staff and trainees who will work in a healthier, safer, and more energy-efficient environment.
 - The Sunnyvale community, including two LIDAC neighborhoods who will benefit from improved emergency response reliability and reduced fossil fuel use through the station's all-electric design.
 - Regional fire personnel of more than 400 firefighters trained annually will gain hands-on experience with clean energy and resilient building technologies, supporting regional best practices.
 - The broader public by engaging through tours, community events, and educational outreach that demonstrate the feasibility of constructing and operating an all-electric, energy-resilient emergency operations and training facility.
-

Decarbonization and/or Resilience Benefits - Please describe how this project supports your agency's greenhouse gas reduction goals or climate action goals. How will the project deliver immediate decarbonization and/or resilience benefits? How will it deliver/influence long-term decarbonization and/or resilience goals? Quantify the impacts, if possible, and discuss the more qualitative impacts.

The Fire Station 2 project directly supports Sunnyvale's Climate Action Playbook (CAP) by advancing the City's commitment to electrification and energy resilience. Specifically, the project implements CAP Move 2.E, which calls for eliminating non-electric energy sources in municipal building rebuilds or major renovations, and supports CAP Plays 1.2: Increase local solar photovoltaics and 1.3: Increase distributed electricity storage.

The new Fire Station 2 will be Sunnyvale's first all-electric fire station, designed to eliminate fossil fuel use. While the facility is already funded for all-electric systems, including electric heat pump HVAC, heat pump water heaters, and induction cooktops. This grant funding will enable the addition of solar PV and BESS that are not currently budgeted. Integrating these systems will maximize the building's efficiency, reduce operational costs, and provide measurable reductions in greenhouse gas emissions.

Immediate decarbonization and resilience benefits:

- The solar PV system will generate clean, renewable electricity to meet a significant portion of the building's daytime energy demand, directly displacing grid-supplied electricity.
- The BESS will store excess solar power for use during peak demand periods, offsetting energy use when grid electricity is most carbon-intensive and expensive.
- Together, the PV and BESS systems will improve energy resilience, allowing the facility to maintain critical operations during power outages.

Long-term decarbonization and resilience impacts:

- Fire Station 2 will serve as a model for future fire station upgrades and new municipal facilities, demonstrating that all-electric, energy-resilient emergency service buildings can reliably serve community needs and operate with clean energy.
- The project will provide data and operational insights that inform future microgrid integration, scaling distributed energy systems across other fire stations in the City's Fire Station Master Plan.
- By showcasing clean energy technologies in a high-visibility public safety facility, the project will raise community awareness of local climate action efforts and demonstrate the practicality of transitioning to carbon-free municipal infrastructure.

Quantitatively, the project will reduce on-site natural gas use and is expected to offset a substantial portion of annual electricity consumption through solar generation. Qualitatively, it will deliver a more resilient, self-sufficient, and sustainable emergency operations center that sets a precedent for decarbonized municipal infrastructure throughout Sunnyvale and the region.

Community Engagement (OPTIONAL) – Please outline your agency’s plan to engage the community for this project. If you are opting to include a community engagement plan, please include the items needed and activities in the proposed budget.

Activities below will be covered by the competitive member agency grant funds:

1. Digital display

A digital display monitor will be acquired and installed in Fire Station 2’s lobby during the furnishing phase of the building project. This display will feature a view of energy production and demand of the building. Building-level energy meters and submeters, solar energy production, and battery supply data will be used to show total building energy demand, efficiency, and resilience. Dashboard data will be collected over six-month periods and incorporated as part of the digital display. Updates to that display will occur as data becomes available.

2. Ribbon cutting ceremony

A ribbon cutting ceremony will be held at Fire Station 2 once the building is furnished and occupied. The ribbon cutting ceremony will highlight the project’s successes in being all-electric and the energy resilience features funded through this grant. Local community members will be invited to attend the ribbon cutting ceremony along with regional partners, including SVCE, the media and Sunnyvale elected officials.

3. Printed brochure

A printed brochure will be developed and made available to the public in the facility which highlights the benefits of home and business electrification and energy resilience.

4. Community events

In addition to hosting its own events, Public Safety participates in a wide variety of community and school events. Public Safety will share the printed brochure regularly at these events and respond to any questions community members may have about the benefits of solar PV and BESS, including highlighting SVCE as a valuable resource for current information.

Project Budget – Please provide a detailed budget table of the project’s activities and how SVCE’s funding will be used. Please list any external grants, matching funds, and in-kind resources that will be used with the project. There is no matching contribution required.

Line-Item Description	SVCE Competitive Funding	SVCE Non-Competitive Funding*	Other Funding**	Total Project Cost
Digital dashboard display	\$10,000			\$10,000
Solar PV System + BESS to support 15,845 SF	\$990,000	\$235,584		\$1,221,458
Additional Fire Protection			\$100,000	\$100,000
Battery Enclosure		\$267,800	\$36,535	\$263,465
Additional Electrical Equipment and Conduit			\$70,000	\$70,000
Totals	\$1,000,000	\$503,384	\$206,535	\$1,709,919

*Sunnyvale intends to stack the non-competitive funding available to the City of Sunnyvale to cover the additional costs.

**Other Funding from City funds to cover the additional costs.

Project Timeline – Please provide a detailed timeline of the project’s activities and key milestones.

Timeline	Tasks
May to December 2025	<p><i>Design</i></p> <ul style="list-style-type: none"> • Further design from 30% to 75% Construction Documents and 100% Construction Documents. Provide cost estimates at milestone submittals. • Further specification documentation. • Determine construction phasing and logistics plan.
November 2025 to February 2026	<p><i>Permitting</i></p> <ul style="list-style-type: none"> • Submit Plans and Specifications to Building and Fire Protection for Building Permits.

<p><i>March 2026 to July 2026</i></p>	<p><i>Construction Bidding + Award Construction Contract</i></p> <ul style="list-style-type: none"> • <i>Advertise project through Issue for Bid for a general contractor.</i> • <i>Award project based on lowest bid that meets minimum requirements and passes reference checks.</i> • <i>Take project to City Council for award of project to a general contractor.</i>
<p><i>August 2026 to August 2028</i></p>	<p><i>Construction</i></p> <ul style="list-style-type: none"> • <i>Construct Fire Station 2 and Training Center in a phased approach to have no downtime for current Fire Station.</i> • <i>Install solar PV system to support Fire Station 2.</i> • <i>Install battery energy storage system to support Fire Station 2.</i> • <i>Commissioning of Fire Station 2 and full furnish FF&E before moving into space.</i> • <i>Install digital dashboard.</i> <p><i>Education and Outreach</i></p> <ul style="list-style-type: none"> • <i>Develop energy resilience brochure for homeowners and business owners that highlights solar PV and BESS benefits.</i>
<p><i>December 2027 to December 2028</i></p>	<p><i>Furnish and Occupy Fire Station 2</i></p> <ul style="list-style-type: none"> • <i>Demolition of old Fire Station 2, construction of Training Center and site work improvements.</i> <p><i>Education and Outreach</i></p> <ul style="list-style-type: none"> • <i>Host ribbon cutting event at new Fire Station 2</i> • <i>Develop educational content and gather data that will be displayed on digital dashboard.</i>

Eligible and Ineligible Project Costs:

Eligible project costs include:

- Purchase of technologies that are either listed above or are alternatives to gas- powered appliances and align with SVCE’s mission.
- Consultant costs for planning, designing, and construction of the project.
- Costs associated with community feedback sessions, outreach and education events, and marketing materials (e.g., banners, flyers, and permanent signage).
- Fellow or intern. The fellow/intern’s assigned project must produce a deliverable directly related to decarbonization or complementary to the proposed project.
- Only costs directly related to activities or improvements made within the jurisdiction are eligible.

Ineligible project costs include:

- Solar projects not paired with a battery.
- Energy and water efficiency, lighting, and landscape upgrade.
- Permit fees.
- Permanent staff time.
- Engagement activities that only address online engagement (e.g., webinars, online surveys).
- Physical maintenance costs not related to the project's primary purpose of electrification or resilience (e.g., asphalt and repainting).

Stacking SVCE & External Grants:

SVCE will allow stacking with the 2024 Competitive Member Agency Grant. The Competitive Member Agency Grant offers competitive funding to each of the thirteen member agencies to support the development of capital or engagement projects that support the electrification of member agency public buildings and/or electric vehicle infrastructure (EVI). If an Applicant is inclined to stack these two grant programs on a single project, that project must be at a site that is open to the public and available for demonstration purposes. A separate grant application for the project must be submitted for both grant programs. Depending on the applicant pool, additional funds from the Competitive Member Agency Grant are not guaranteed. SVCE will allow stacking and matching with regional, utility, state, and federal grants.

SVCE will not allow stacking with previous SVCE grants, such as the 2020 Community Resilience Grant and the 2022 Decarbonization Demonstration & Engagement Grant. While previous sites can be considered for this grant, all proposed work in this application should be a new project.

Please send questions to Project Manager, Jessica Cornejo [jessica.cornejo@svcleanenergy.org]

EXHIBIT B

[Member Agency
Guiding
Documents]

SVCE Member Agency Grant: Engagement Track

Reimbursement Guidance

Reimbursement Overview

- The following activities must be completed before requesting reimbursement:
 - Project deliverables
 - Community engagement activities as listed in your grant application
- The reimbursement request must be submitted with the final report
- If the reimbursement request or final report is missing information, SVCE will notify the grantee to resolve before processing
- Please compile all documents in a single PDF file
- Reimbursement will be delivered as a physical check

Key Items for Reimbursement Packet

- Cover letter on agency letterhead with a summary of the project, date, grant reimbursement amount, and signature from authority (e.g., Department Director, City Manager)
 - Accounts payable information such as official name and invoicing address
 - All applicable project invoices
 - Itemized list of expenditures listing SVCE's applied grant funds
 - Photos, videos, and any publications related to the project
 - Reimbursement requests and questions can be sent to Jess Cornejo (jessica.cornejo@svcleanenergy.org)
-

Member Agency Grant: Engagement Track Final Report Outline

[Guidance for grantees: This document is meant to present a high-level summary of the grant project for easy consumption by a general audience. Please use non-technical language, define acronyms, and limit the page range from 3-5 pages. You are encouraged to include any graphics or visualizations that help illustrate the project.]

Grant Project Title: _____

Grant Project Timeline:

Budget Amount: (List SVCE funding, external grant funding, and any match funding)

Partners: (List all project partners)

- ...
- ...
- ...

Targeted Groups: List the groups this project targets (e.g., single-family residential, multi-unit dwellings, commercial/industrial, public agencies, demographic of groups, etc.)

Summary (~5-6 sentences, max 200 words)

Provide a brief summary of the grant project and goals.

Project Goals (~2-4 paragraphs, max 300 words)

List the goals and objectives of the project.

Outcomes (~3-5 paragraphs, max 400 words)

- What are the anticipated short-, medium- and long-term outcomes?
- What are key metrics of success, and how did you measure success of the project?
- What were your agency's challenges during the project, and how did you resolve them?
- What were the lessons learned from the project?

Please try to quantify anticipated outcomes where possible – e.g., number of events attended and number of people engaged, materials distributed, potential GHG reductions (direct or indirect), etc. Please attach any additional materials associated with the project if applicable.

Future Plans (~2-5 paragraphs, max 400 words)

- What are your agency's plans for continuing this work?
-

- What might you do differently in the future for similar projects and what advice might you have for others doing similar projects?
- How can SVCE further support your agency in future grant cycles?

Final reports must be submitted with the reimbursement request and sent to Jess Cornejo (jessica.cornejo@svcleanenergy.org).

Silicon Valley Clean Energy Community Grant Marketing Guidelines

HOW TO USE THIS DOCUMENT

This document is designed to provide guidance for grantees developing communications and marketing materials related to projects receiving Silicon Valley Clean Energy (SVCE) Community Grant funding.

Grantees are responsible for ensuring all branding and related marketing materials, press releases, social media, online assets and communications are consistent with the guidelines in this document. SVCE can require grantees to change and/or remove any material deemed to veer from the following guidelines.

Please share this with marketing, communications, public relations, graphics, and web teams in addition to any staff working on materials that reference SVCE.

Grantee's Role

- Submit all materials created around the project receiving SVCE grant funding for SVCE review at least **one week** prior to planned material publication.
- If requesting SVCE content support or guidance, please notify SVCE as soon as possible and allow for **at least 2 weeks** prior to planned publication.

SVCE's Role

- SVCE will complete a timely review for all materials that relate to SVCE grant-funded projects or reference SVCE programs and resources.
- SVCE will support planned press, media, or events around the project.

Key Contacts

If you have questions about your project, funding or timeline, please contact Senior Community Strategies Specialist Jess Cornejo at Jessica.cornejo@svcleanenergy.org.

If you have questions about these guidelines, marketing, public relations, or communications materials about the funded project, please contact Communications Specialist Emily Muniz at Emily.muniz@svcleanenergy.org.

Approved Language

Referring to SVCE:

1. Silicon Valley Clean Energy
2. SVCE (acronym may be used after first spelling out full agency name)
3. SV Clean Energy

Describing SVCE grant funding:

1. "Funding for *[title of project that received grant funding]* is provided [or partly funded] by the Silicon Valley Clean Energy Community Grants Program."

Sharing SVCE resources:

1. "Explore rebates and incentives to go electric at svcleanenergy.org/offers-services/"
2. "Talk to a trusted energy advisor for FREE at goelectric.svcleanenergy.org/"
3. "Start your journey to go electric with eHub (svcleanenergy.org/ehub/), the Silicon Valley Clean Energy resource that simplifies your switch to all-electric living. Find personalized rebates, incentives, and tips to power your home, car, appliances, and business with clean energy."
4. Additional resources to share: <https://svcleanenergy.org/digital-media-assets/>

Optional language to provide information about SVCE:

1. "Silicon Valley Clean Energy is the community choice electricity provider for thirteen communities in Santa Clara County formed to reduce greenhouse gas emissions and fight climate change locally. Silicon Valley Clean Energy provides homes and businesses with clean electricity at competitive rates, reinvests locally through programs and community grants, and accelerates electric technologies through rebates, technical support, and innovative solutions supporting grid-wide resilience."

SVCE Logo Use

Grantees may use the [SVCE full logo](#) or [SVCE abbreviated logo](#) in marketing materials related to the funded project, but must submit the materials to SVCE for review prior to publication.

The SVCE logo shall not be cropped, rotated, compressed or have the colors changed. If the grantee needs a specific logo not provided (i.e. all-white logo for dark backgrounds), the grantee should contact SVCE with the request.
