

# ***RANCHO SANTA FE***

## ***FIRE PROTECTION DISTRICT***



### REQUEST FOR PROPOSALS

For

### Fire Station 5 Solar Energy Generation Project

# **REQUEST FOR PROPOSALS**

## **Fire Station 5 Solar Energy Generation Project**

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## **REQUEST FOR PROPOSALS**

### **1.0     INTRODUCTION**

Rancho Santa Fe Fire Protection District (District) is requesting Proposals from a qualified firm (Contractor) to design and install a “Turnkey” solar power system at Rancho Santa Fe Fire Protection District, Fire Station 5, located at 2604 Overlook Point Drive, Escondido, CA92029.

The “System” as defined above shall include any and all solar equipment including but not limited to, inverters, conduits, and other equipment necessary to deliver the solar electricity to the District at the interconnection point, mounting systems required to accommodate the proposed size of the System.

The District **will not** provide reimbursement to contractors for any costs and expenses incurred in connection with this Request for Proposal, including the costs of performing the feasibility analysis required for submission of a Proposal.

### **2.0     DISTRICT BACKGROUND**

Rancho Santa Fe Fire Protection District is a taxpayer funded California Special District providing full service fire protection and emergency medical services to the San Diego County unincorporated communities of Rancho Santa Fe, Fairbanks Ranch, 4-S Ranch, Del Dios, Harmony Grove, and Elfin Forest. The District is governed by a Board of Directors, with five members. The Fire Chief and staff implement the policies approved by the Board of Directors and handle the agency’s day-to-day operations.

The District is committed to environmentally responsible long-term energy efficiency and this project is one of seven potential energy projects

### **3.0     SPECIAL CONSIDERATIONS**

#### **3.1     PROJECT GOALS AND OBJECTIVES**

The intent of the District is to achieve the following goals and objectives by pursuing the installation of a solar power system at Fire Station 5:

- Utilizing rooftop and or allocated ground mounted space to efficiently generate electricity using solar power systems.
- To contract with a qualified firm (Contractor) to design and install a “Turnkey” solar power system at Rancho Santa Fe Fire Protection District, 2604 Overlook Point Drive, Escondido, CA 92029.
- To achieve the maximum utility-based energy cost avoidance through solar power generation over the service life of the facility.
- To enter into a Net Energy Metering agreement with San Diego Gas & Electric at Fire Station5.
- To reduce the District’s dependence of fossil fuels while improving environmental quality in San Diego County.

- To educate the public about the District's efforts to support environmental responsibility through investment in solar energy generation.

### **3.2 Project Schedule**

The Contractor is to provide, as part of the Proposal, a detailed implementation schedule for the described solar system project indicating milestones and timing for each task. The project shall not exceed 120 days from the date the District enters into a contractual agreement with the Contractor.

## **4.0 PROPOSAL REQUIREMENTS**

Written Proposals shall include a discussion of the Contractor's approach to the project; clearly and concisely explain their proposed business structure; identify key personnel; and propose project plan and schedule.

### **4.1 General**

- 4.1.1 The Proposal should be concise, well organized, and demonstrate the Contractor's understanding of the project.
- 4.1.2 Contractors will be evaluated on the information submitted in accordance with Section 4.0 Proposal Requirements.

### **4.2 Contents**

Proposals submitted in response to this RFP shall be in the following order and shall include:

#### **4.2.1 Executive Summary**

Include a one-to-two page overview of the entire project describing the highlights of the Proposal

#### **4.2.2 Identification of the Contractor**

- Legal Name and address of the Contractor
- Name and address of the principal place of business
- Legal status of the Contractor (sole proprietorship, partnership, corporation, joint venture, etc.). If joint venture or partnership, identify the members and provide all information required under this section for each member.
- If the company is a wholly owned subsidiary of a parent company, identify the parent company.
- Address(s) of office(s) located in San Diego County, if applicable.
- Number of years the company has maintained an office in San Diego County, if applicable.

- Number of employees in San Diego County, if applicable.
- Name, title, address, telephone number, and email address of person to contact concerning the proposal.

#### 4.2.3 Project Team

- Name of Contractor
- Name of project manager and a description of the person's experience as it applies to this project.
- A brief description of the roles and responsibilities of key team members dedicated to this project including an organizational chart.
- Names of subcontractors and persons from those firms dedicated to this project.

#### 4.2.4 Personnel Information

Proposals shall include resumes for key personnel involved with this project including subcontractors.

#### 4.2.5 Experience

Proposals shall include the following information:

- Overview of the Contractor's commercial grid-connected photovoltaic (PV) experience (do not include residential PV experience).
- Total capacity in kilowatts (kW) or megawatts (MW) of grid-connected solar systems placed into commercial operation to date by the Contractor.
- Average commercial grid-connected PV system size installed by the Contractor over the past three years.
- Overview of the Contractor's experience providing PV installations for governmental entities.

#### 4.2.6 References

List a minimum of 10 commercial references for comparable commercial projects installed by the contractor. Prioritize projects within San Diego Gas & Electric service territory and projects for governmental agencies.

Include for each reference project listed:

- Exact role the Contractor performed for the project (e.g. material supplier, lead contractor, electrical subcontractor, design, consulting, etc.)
- Location
- Project description
- Customer name and contact information

- Date installed and date operational
- Project cost
- Equipment (PV module, inverter) used
- CEC kW rating
- Current operational status of system

Additionally, the Contractor will answer the following questions whether associated with the 10 aforementioned references or not:

- Has the Contractor or any executive officers of Contractor been party to a lawsuit, arbitration, or other legal or insurance claim, (each a "Claim") involving Contractor's work or the performance of any equipment installed by Contractor? If so, provide a summary of the issues and the status of the matter, including, but not limited to, the names of the parties, date of the Claim, applicable case number, court, and resolution.
- Has the Contractor had any contracts terminated for cause or convenience? If so, explain the reason(s) for the termination.
- Has the Contractor or organization ever been dismissed and or suspended from doing business with any governmental entity? If so, provide a summary of the issue(s).
- Has the Contractor or organization ever been subject to liquidated damages? If so, provide explanation.

#### 4.2.7 Technical Approach and Product/Technology Description

Contractor shall, a) state that their System will comply with all of the requirements of this RFP, or b) list the items that would not comply and the reason(s) why.

Describe the technology (or technologies) proposed for this project including the following information:

- PV module description, brand, model number(s), efficiency in %, manufacturer's annual degradation rate, CEC listing, country of origin, length of manufacturer's warranty, etc.
- Inverter type, brand, efficiency in %, CEC listing, country of origin, length of manufacturer's warranty, etc.
- Technology patents held by the Contractor for the proposed System (if applicable)

For each technology described above, describe any other benefits the Contractor's proposed System provides that other systems might not provide, but only if such benefits can be readily measured and agreed to by an independent engineer.

For each technology described above, define the maximum wind speed that the technology has been tested for and the testing authority

For each technology described above, provide AutoCAD drawing showing the proposed PV System layout at the Fire Station 5 site.

#### 4.2.8 Site-Specific Solar Technical Proposal

Contractors shall have the opportunity to visit the Fire Station 5 site prior to the submittal of their Proposal. Contractors are requested to submit site-specific technical Proposals that optimize solar output based on the facility's electrical load, rooftop and open space area available for mounting solar systems. It is the Contractor's responsibility to validate the rooftop or open space at the facility based on the information provided (Attachment B) and site visit(s).

##### A. Technical Description

Contractor shall provide the following technical description of the technologies it proposes to install at the Fire Station 5 site:

- Guaranteed power capacity (DC kW), measured at the inverter(s) input
- Guaranteed power capacity (AC kW), measured at the inverter(s) output
- Show nominal and de-rated AC kW production, including data assumption for winter and summer hours of solar generation.
- Estimated capacity factor (%) and annual output (kWh), and provide the methodology used to develop the estimate
- Guaranteed (manufacturer's) solar panel degradation rate over a twenty-year period.
- A spreadsheet for a twenty five-year period with the following assumptions:
  - Annual kWh System production;
  - Annual utility-based cost avoidance using San Diego Gas & Electric summer and winter rates for the AL-TOU and Commercial A tariffs in effect at time of Proposal and escalating by a factor of 3% annually; and
  - Incorporating and stating the PV panel manufacturer's guaranteed annual degradation rate
- Solar array materials
- Inverter(s)
- Structural materials
- Balance of System components
- Configuration, including elevation and azimuth of PV modules
- Structural requirements for any roof penetration are necessary, as well as ground mounted structures.

- Operation and Maintenance requirements
- Typical useful life of installed components including PV modules and inverters
- Benefits specific to the proposed System
- Any product or warranty enhancements offered
- Provide a cost/benefit analysis for the installation of a battery storage system to help efficiencies and offset power costs.

B. Performance Guarantee

Contractor shall provide the District a guarantee of annual system production (kWh) for the first 10 years and how clearly state how this will be accomplished.

C. Monitoring Description

Contractor shall provide a description of the monitoring system that will be installed at the Fire Station 5 site, including:

- Provide authorized third party Performance Data Provider (PDP) and/or Performance Monitoring recording Service (PMRS) for a minimum term of 60 (Sixty) months to comply with CCSE rebate reporting requirements as specified in the California Solar Initiative Program Handbook, Current Edition
- Provide access to a web-based end-user monitoring site to allow the District to monitor System performance for a period of twenty-five years
- Equipment requirements
- Data output
- Maintenance requirements

Describe how the information needed, as described in the Scope of Work, will be provided by the proposed monitoring system.

4.2.9 Qualifications

Proposals must provide information that clearly demonstrates the ability of the Contractor to deliver the services outlined in the Scope of Work (Attachment A). The District is interested in establishing a relationship with a Contractor that has:

- Demonstrated extensive experience in the successful installation of multiple commercial or public solar power systems
- Worked with a public entity on a solar power project in the San Diego Gas & Electric service territory
- Established a local office or project manager (or intends to if selected).



#### 4.2.10 Operation and Maintenance Service Information

Provide an overview of your proposed system output performance verification methodology. Explain whether it is web-based, remote, etc. Describe the end-user interface.

#### 4.2.11 PV Supply

Proposals must provide evidence of PV supply through supply contracts or other documentation that shows the expected availability of the minimum requirements to fulfill this RFP with UL-listed high efficiency PV modules for delivery and installation in California.

#### 4.2.12 Financial Capacity

Proposals should include the Contractor's audited financial statements for the most recent year. In lieu of audited financial statements, Contractor shall demonstrate bonding capacity to accommodate the magnitude of the District's project. Contractor should describe their bonding capacity and name the relevant sureties or insurance companies that serve as its payment and performance-bonding agent.

#### 4.2.13 Contractual Compliance with Warranty Requirements

Contractor shall provide a written statement indicating commitment to the minimum warranties outlined under Scope of Work.

#### 4.2.14 Construction Contract

Successful Contractor shall be required to enter into a Construction Contract with the District. See **Attachment B**.

The Construction Contract shall be executed within ten (10) days after the notice of award by the District. The Construction Contract shall provide that (i) the District may execute a notice to proceed within five (5) days after the contract is executed, (ii) the Contractor shall start work within forty five (45) days after the date of the notice to proceed, (iii) the work shall be completed within one hundred and twenty (120) days of the notice to proceed, and (iv) liquidated damages of Two Hundred and Fifty Dollars (\$250.00) shall be incurred for each calendar day of unauthorized delay in completion of the work. Significant modifications to the District's standard Construction Contract may be cause for selection of one firm over another.

#### 4.2.15 Price Proposal

One pricing sheet is to be prepared and submitted as part of this Proposal. Cost effectiveness of the site specific Proposal is included in the evaluation criteria and will be included in negotiations with the selected Contractor. All pricing shall be valid, with no pricing changes, for ninety (90) days after bid closing date.

#### 4.2.16 Addenda to this RFP

Contractor shall confirm in its Proposal the receipt of all addenda issued to this RFP. Contractor is not required to include copies of the actual addenda in its Proposal.

4.2.17 Bid Bond. Bids shall be accompanied by a certified check or a cashier's check, or an approved corporate surety bond, in an amount equal to at least ten percent (10%) of the amount bid, made payable to the Rancho Santa Fe Fire Protection District. Said check, or

bond shall be given as a guarantee that the Bidder will enter a contract if awarded the work, and in case of refusal or failure to enter into said contract within fifteen (15) working days after being requested to do so by the District, the check or bond, as the case may be, shall be forfeited to the District. A bid received and not accompanied by such certified check, cashier's check, or approved bond, may result in return of the bid without consideration. If the proposal is not accepted within 45 calendar days after the time set of the bid closing, or if the successful Bidder executes and delivers the required agreement and bonds, the bid security will be refunded.

4.2.18 Confidential. Contractors are required to keep their proposals confidential and must not disclose their proposals, or information contained in them, to anyone else without the prior written consent of the District.

4.2.19 Withdrawal of Bid. Any Bidder may withdraw its bid, whether personally or by a written request, at any time prior to the scheduled time for opening of bids. After the bid opening, the Proposal is irrevocable and open for acceptance for a minimum period of ninety (90) days from Bid Closing Date. Bidders will not be released from bid on account of errors of judgement.

## **5.0 SUBMITTAL REQUIREMENTS**

All Proposals must be in strict conformity with the RFP documents, including addenda. Contractors shall submit as follows:

**5.1** All Proposals shall be submitted as an executed original and two (2) copies in a sealed envelope. Also, submit one electronic copy of the executed original on CD.

**5.2** The Proposal shall be clearly labeled: "PROPOSAL FOR FIRE STATION 5 SOLAR ENERGY GENERATION PROJECT – DO NOT OPEN WITH REGULAR MAIL."

**5.3** The Proposal shall be signed by an individual or individuals authorized to execute legal documents on behalf of the Contractor.

**5.4** The Proposal must be received at the following address no later than:

**2:00 P.M., August 21, 2020**

Rancho Santa Fe Fire Protection District

Office of the Deputy Fire Chief

18027 Calle Ambiente, Suite 101, Rancho Santa Fe, CA 92067

### **(BID OPENING WILL PROCEED IMMEDIATELY AFTER DEADLINE FOR SUBMISSION)**

**5.5** Submittals may be mailed or hand delivered. In either case, it shall be the Contractor's sole responsibility to ensure their Proposal is received no later than the close of submittal date and time indicated.

**5.6** Proposals and/or modifications thereto received subsequent to the hour and date specified above will not be considered and will be returned unopened to the proposer.

**5.7** Failure to comply with the requirements of this RFP may result in disqualification.

## 6.0 **PRE-SUBMITTAL ACTIVITIES**

### 6.1 **Questions Concerning the RFP**

All questions concerning the RFP shall be presented in writing to:

Rancho Santa Fe Fire Protection District  
ATTN: Battalion Chief Bruce Sherwood  
P.O. Box 410  
Rancho Santa Fe, Ca. 92067  
Email: [sherwood@rsf-fire.org](mailto:sherwood@rsf-fire.org)

### 6.2 **Pre-Proposal Meeting**

A pre-proposal meeting and site tour will occur **9:00 A.M. on Wednesday, July 29, 2020** at:

Rancho Santa Fe Fire Protection District  
Fire Station 5

2604 Overlook Point Drive, Escondido, CA 92029

This will be the only opportunity extended to tour the site. Therefore, contractors are strongly encouraged to attend the pre-Proposal meeting and site tour.

### 6.3 **Revision to the RFP**

The District reserves the right to revise the RFP prior to the date Proposals are due. Revisions to the RFP shall be distributed to all potential contractors. The District reserves the right to extend the date by which Proposals are due.

## 7.0 **CONTRACTOR NOMINATION AND SELECTION PROCESS**

**7.1** In the event the District awards a contract, the District intends to select the contractor who is the lowest responsible bidder who has demonstrated the attribute of trustworthiness, as well as quality, fitness capacity, and experience to satisfactorily perform the work specified under the terms of this Request For Proposal.

**7.2 OPENING OF BIDS WILL OCCUR IMMEDIATELY AFTER THE SUBMISSION DEADLINE ON August 21, 2020 @ 2:00 P.M.** The District will review Proposals received. References and qualifications of firms, based upon Proposal responses, will be verified.

**7.3** Based on the Proposals received, the District will identify a list of responsible contractors most qualified for this project.

**7.4** The selection may be based solely upon the content of the Proposal or the District may interview the most qualified contractors in order to clarify scope, intent, or technical details of the Proposal. The Fire Chief has the final authority for Contractor selection.

**7.5** The Fire Chief will make the final recommendation to the Board of Directors of the Rancho Santa Fe Fire Protection District concerning the proposed contract. Final authority to approve the contract rests with the Board of Directors of the Rancho Santa Fe Fire Protection District.

**7.6** The Request for Proposal (RFP) does not commit the District to enter into a contract, nor

does it obligate the District to pay for any costs incurred in preparation and submission of responses in anticipation of a contract.

**7.7** At its sole discretion, the District reserves the right to:

- Accept any Proposal deemed to be in the best interest of the District.
- Reject any or all Proposals.
- Waive any of the provisions of the RFP.
- Waive any technicalities or informalities in the RFP process.
- Negotiate with any, all, or none of the respondents to the RFP.
- Negotiate costs and/or any material aspect of the RFP.

**7.8** All Proposals, inquiries, responses or correspondence related to or in reference to this RFP and all reports, charts, displays, schedules, exhibits and other documentation submitted by proposer will become the property of District and will not be returned.

## **8.0 EVALUATION CRITERIA**

At a minimum, Proposals and contractor selection will be evaluated based on the following criteria: (See Section 4.0 – Proposal Requirements for detailed information).

- Cost effectiveness of the site-specific project includes but is not limited to: lowest initial cost per PV watt installed, greatest economic benefits to the District over the anticipated service life of the project, quality and efficiency of proposed materials, stated guaranteed performance and production assurances.
- Overall completeness, clarity, and quality of the Proposal and responsiveness to the RFP.
- Qualifications and experience developing projects similar to this project.
- Ability for the Proposal to meet the District's intended project goals and objectives.
- Project team and organizational approach.
- Demonstrated ability to design, construct, and install comparable PV systems for public entities.
- Technical approach to site-specific projects.
- Demonstrated ability to meet 120-day implementation schedule.
- Financial condition of the Contractor.

## 9.0 **SCHEDULE FOR NOMINATION, SELECTION, AND AWARD**

The District anticipates that the process for nominating and selecting a Contractor, and awarding the contract, will be according the following tentative schedule:

9.1	Advertise and issue RFP	07/15/2020
9.2	Pre-Proposal meeting:	07/29/2020
9.3	<b>Submission deadline/bid opening:</b>	<b>08/21/2020</b>
9.4	Interviews (if needed):	Week of August 24 <sup>th</sup> .
9.5	Selection and notification:	Week August 31 <sup>st</sup> .
9.6	Contract negotiation complete:	09/08/2020
9.7	Approval of contract:	09/16/2020
9.8	Notice to Proceed:	09/17/2020

## 10.0 **SPECIFIC REQUIREMENTS TO CONTRACT WITH THE DISTRICT**

In order to comply with applicable laws and requirements, the District needs the following requirements to be met in order to approve any contract for service:

- 10.1** Licensed Contractor in good standing in the trade associated with the job.
- 10.2** Execute a contract with the District approved by the District.
- 10.3** Proof of surety (Performance) bond.
- 10.4** Liability Insurance policy that names the District as additional insured. Insurance shall be maintained throughout the period that work is being performed for the District.
- 10.5** Proof of Workers' Compensation insurance if employees are used.
- 10.6** Contractor must be registered with the California Department of Industrial Relations (DIR) for Public Works Projects (\$300 one-time fee, check Department of Industrial Relations Website: <http://www.dir.ca.gov/public-works/publicworks.html>)
- 10.7** Any Proposal or contract over \$1000 must state this is a prevailing wage job. It is the contractor's responsibility to determine the appropriate wage for the trade in this region and make appropriate adjustments to payroll. Further, as required by the DIR, the contractor is responsible to submit certified payroll records to the DIR.

## **11.0 SPECIAL CONDITIONS**

### **11.1 Reservations**

This RFP does not commit the District to award a contract, to defray any costs incurred in the preparation of a Proposal in response to this RFP, or to procure or contract for work. The District reserves the right to award this contract to the Contractor(s) determined to offer the quality, standards, and prices most advantageous to the interests of the District.

### **11.2 Public Records**

All Proposals submitted in response to this RFP become the property of the District and under the Public Records Act (Government Code 6250 et. Seq.) are public records, and as such may be subject to public review. However, the District Proposals shall not be disclosed until negotiations are complete and a recommendation for selection and award is made to the Board of Directors. Pursuant to Administrative Code Section 4.04.180, the Proposals will be subject to public review at least 10 days before selection and award

If a proposer claims a privilege against public disclosure for trade secret or other proprietary information, such information must be clearly identified in the Proposal. Note that under California law, price Proposal to a public agency is not a trade secret. The successful Contractor shall be responsible for defending its determination that any redacted portions of the Proposal are confidential, trade secret, or otherwise not subject to disclosure. The Contractor shall defend, indemnify, and hold harmless the District from any and all claims arising from or relating to Contractor's determination that the redacted portions of the Proposal are confidential, trade secret, or otherwise not subject to disclosure.

### **11.3 Right to Cancel**

The District reserves the right to cancel, for any reason, in part or in its entirety, this RFP including but not limited to: selection schedule, submittal date, and submittal requirements. If the District cancels or revises the RFP, all proposers will be notified in writing by the District.

### **11.4 Additional Information**

The District reserves the right to request additional information and/or clarifications from any or all proposers to this RFP.

### **11.5 Conflict of Interest**

The Contractor is subject to all federal, state, and local conflict of interest laws, regulations, and policies applicable to public contracts and procurement practices. The District has established a policy concerning potential conflict of interest in program management, design, and construction. This policy applies to all contractors and their proposed subcontractors.

### **11.6 Public Information**

Release of Public Information – Contractors desiring to release information to the public must receive prior written approval from the District.

### **11.7 Insurance Requirements**

The District requires contractors and vendors doing business with it to obtain insurance. Insurance requirements are as follows:

### 11.7.1 Required Coverage

#### **See Attachment C**

### 1.. 11.7.2 Indemnification

The selected Contractor shall be required to defend, indemnify and save harmless the District, its Board of Directors, employees, officers, agents, from any and all claims, demands, damages, costs, expenses, judgments or liability of any nature whatsoever which may result from this contract, except for claims, demands, damages, costs, expenses, or judgments resulting solely from the active negligence or willful misconduct of the District.

### 11.8 Noncollusion

Contractor shall not submit a Proposal on behalf of or in the interest of any undisclosed person, partnership, company, association, organization, or corporation. The Proposal shall be genuine and not collusive or a sham or false Proposal. Contractor shall not in any manner directly or indirectly with anyone seek to have others refrain from submitting a Proposal; shall not agree, communicate or conference with anyone to fix any overhead, profit or cost element of the Proposal price, or to secure any disadvantage against the District or anyone interested in submitting a Proposal in response to this request. Contractor shall not submit any false statements and shall not pay any fee to any corporation, partnership, company, association, organization, or to any member or agent to effectuate a collusive or sham Proposal.

The Contractor shall sign an original Non-Collusion Affidavit (ATTACHMENT D) provided by the District.

## 12.0 **PROTESTS**

12.01 – Protests must be in writing and must be received no later than seven (7) calendar days after the District issues the Notice of Intent to Award which will be posted on the District's website.

12.02 – The District will reject the protest as untimely if it is received after this specified time frame. Protests will only be accepted from Contractors who had submitted a bid proposal.

12.03 – If the protest is mailed and not received by the District, the protesting party bears the burden of proof to submit evidence (e.g., certified mail receipt) that the protest was sent in a timely manner so that it would be received by the District within the RFP protest period.

12.04 – Bid protests must contain a detailed and complete written statement describing the reason(s) for protest. The protest must include the name and/or number of the bid, the name of the firm protesting, and include a name, telephone number, email address and physical address of the protestor. If a firm is representing the protester, they shall include their contact information in addition to that of the protesting firm.

12.05 – Bid protests must be addressed as follows and either mailed, Rancho Santa Fe Fire Protection District, ATTN: Battalion Chief Bruce Sherwood 18027 Calle Ambiente, Suite 101, Rancho

Santa Fe, CA 92067; or hand delivered to the above address.

12.06 – The District will make a determination of the appeal and respond to the protester by certified mail in a timely manner. If the appeal is denied, the letter will include the date, time, and location of the Board of Directors meeting at which staff will make a recommendation for award and inform the protester it may request to address the Board of Directors at that meeting.

12.07 – The District may transmit copies of the protest and any attached documentation to all other parties who may be affected by the outcome of the protest. The decision of the District as to the validity of any protest is final. This District's final decision will be transmitted to all affected parties in a timely manner.



## **ATTACHMENT A**

### **Scope of Work**

The District is seeking a firm (Contractor) to research, design, and install a cost effective solar power system at Fire Station 5. The District is to purchase and own the System. The District has evaluated the proposed site and determined the facility appears to have the potential to accommodate a rooftop and or ground mounted PV system.

All submitted bids should be based on a system producing 50 – 60 KW-DC, depending on panels specified in the bid.

In responding to this RFP, the Contractor will conduct a preliminary feasibility analysis and submit a completed pricing sheet for the project. This preliminary feasibility analysis shall be at no cost to the District. If the preliminary feasibility analysis determines that the project is viable, the District may negotiate and enter into a contract with the selected Contractor.

The services provided by the Contractor shall include all tasks required to permit, design, fabricate, deliver, install, and commission the “Turnkey” solar system.

The contractor shall visit the site and determine the local condition which may in any way effect the performance of the work; familiarize itself with all federal, state, and local laws, ordinances, rules, regulations, and codes affecting the performance of the work, including the cost of permits, and licenses required for the work; make such surveys and investigations, including investigation of subsurface or latent physical conditions at the site or where work is to be performed, as it may deem necessary for performance of the work at its proposed price within the terms of the contract; determine the character, quality, and quantities of the work to be performed and the materials and equipment to be provided; and correlate its observations, investigations, and determinations with the requirements of the contract.

The scope of services provided shall also include, but not be limited to all labor, taxes, services, and equipment necessary to produce a fully operational turnkey solar system at the District facility. In addition, the scope of services may include participation in public meetings as necessary to present project design information and respond to questions.

#### **A. Design, Engineering, and Permitting**

The selected Contractor shall design/engineer the solar system to maximize solar energy resources at the District facility, taking into consideration the facility's electrical demand and load patterns, proposed installation sites, available solar resources, existing site conditions, proposed future site improvements, applicable zoning ordinances, installation costs, and other relevant factors.

For the proposed site, the Contractor shall provide design documents that communicate the following minimum information:

- System description
- Equipment details and description
- Layout of installation
- Layout of equipment
- Selection of key equipment
- Specifications for equipment procurement and installation
- All engineering associated with structural and mounting details
- Performance of all equipment components and subsystems
- Integration of solar system with other power sources
- Electrical grid interconnection requirements
- Controls, monitors, and instrumentation
- System performance monitoring

The Contractor shall submit design documents to the District as applicable for review and approval.

In conjunction with District input, the Contractor shall identify an appropriate location for the inverter(s), related components, and environmental control systems that will meet the following criteria:

- Ease of maintenance and monitoring
- Efficient operation
- Low operating losses
- Secured location and hardware
- Compatibility with existing facilities
- Required trenching and coring
- Avoidance of areas subject to physical damage

The Contractor shall secure from governing agencies and the utility company all required rights, permits, approvals, and interconnection agreements at no additional cost to the District. The District will become signatory on applications, permits, and utility agreements only where necessary.

The Contractor shall complete and submit in a timely manner all documentation required to qualify the System for available rebates and incentives.

No products shall be brought onto the construction site without the express approval of the District's Project Manager.

**B. Additional Requirements**

1. The Contractor is responsible for the design for all elements of the project, including but not limited to: civil, structural, architectural, mechanical, electrical, and specialty consulting areas. Drawings shall be stamped by an Engineer registered in the State of California
2. The Contractor shall provide site surveys and geotechnical investigations to the extent necessary for final design. Survey information, if provided by the District will be of a preliminary nature and will not have sufficient accuracy or scope to support final design.
3. The Contractor shall provide design package for the District to review at the fifty percent (50%) and one hundred percent (100%) design completion stage. Each design completion stage should include the following components:
  - a) The fifty percent (50%) design will include: a site plan; photovoltaic plan and cross section of the rack or mounting concepts; single line electrical drawings; equipment information sheets; structural drawings; roof penetrations; electrical conduit runs, and equipment layout.
  - b) The one hundred percent (100%) drawings shall be complete drawings ready for the District's Project Manager to review.

**C. Solar Panels, Inverters, and Other Component Specifications**

The Contractor shall install solar panels, inverters, and other components that meet the California Energy Commission (CEC) Standards as noted on the CEC's website.

**D. Installation**

The Contractor shall supply all equipment, materials, and labor necessary to install a turnkey solar system and integrate it with other power sources.

**E. Electrical Interconnections**

The Contractor shall supply and install all equipment required to interconnect the solar system to the SDG&E distribution system. The Contractor shall fulfill all application, study, and testing procedures to complete the interconnection process. All costs associated with utility interconnection shall be borne by the Contractor.

**F. Commissioning and Acceptance Test**

During the start-up, the District Project Manager and/or an independent engineer retained by the District shall observe and verify the System performance.

Required commissioning and acceptance test services include:

- Starting up the solar system and verifying it achieves performance requirements specified in the Proposal

- Conducting a successful delivery of power to the facility and/or the utility grid
- Verifying receipt of performance data by third party monitoring service as specified in the California Solar Initiative Program Handbook, Current Edition.
- Verifying receipt of performance data by end-user monitoring platform.

G. Operation and Maintenance Requirements

The Contractor's operation and maintenance program shall include at a minimum the following:

- Annual on-site inspection, including system test (operating current of each electrical string) and routine preventative maintenance
- Repair and/or replacement of defective parts (including equipment and labor)
- System performance monitoring and historical data access for District via secure website
- Daily monitoring by vendor, including: reporting of problems to District and dispatch of resources for expeditious resolution of problems

H. Operation and Maintenance Manuals and As-Built Drawings

The Contractor shall provide the District two (2) sets of site-specific operation, maintenance, and parts manuals for the installed solar system. The manuals shall cover all components, options, and accessories supplied. The Contractor shall also provide the District two (2) sets of as-built drawings in AutoCAD format and PDF format. These requirements shall be delivered prior to final acceptance of the system.

I. Monitoring

The Contractor shall provide a turnkey data acquisition and display system that allows the District to monitor, analyze, and display historical and actual solar energy generation data for the install site. The monitoring system will allow the District to track comprehensive performance data as well as monitor performance against the warranted production requirements.

The data acquisition system shall be designed for remote operation. Data shall be transmitted via the internet from the site to a server managed by the Contractor. Data storage, management, and display shall be the responsibility of the Contractor.

Additionally, the Contractor will provide an independent third party Performance Data Provider (PDP) and/or Performance Monitoring recording Service (PMRS) for a minimum term of 60 (Sixty) months to comply with CCSE rebate reporting requirements as specified in the CPUC California Solar Initiative Program Handbook, Current Edition. This provider will be identified in the Proposal.

J. Warranties

The Contractor shall identify the manufacturer's and/or other warranties to be transferred to the District. These warranties shall include at a minimum:

- Panel warranty
- Inverter warranty
- Roof and building penetration warranty
- Operational power capacity warranty
- Battery Storage warranty (if option is selected)

L. Performance Guarantee

The Contractor shall guarantee a Minimum Output Performance from the System of 90% of the solar system's Expected Performance Output over the course of an Operational Year commencing on the date Permission to Operate is received from SDG&E. If the System fails to meet the Minimum Output Performance required on an Operational Year basis, the Contractor agrees to pay the District in accordance with the production guarantee included in the Proposal.

M. Contractor's License

The Contractor installing and maintaining the solar system shall be properly licensed in the State of

California. The Proposal shall clearly state the contractor's license information including the expiration date.

N. Codes, Standards, and Methodologies

All products and components herein must conform to applicable codes, standards, and methodologies including, but not limited to:

- Solar modules specified must be certified and approved by the CEC
- Proposed solar modules may not utilize hazardous materials
- UL certification
- National Electrical Code – Current edition
- PV module efficiency
- Must comply with wind uplift requirements per the American Society of Civil Engineers Standard for Minimum Design Loads for Building and Other Structures (ASCE 7), and must be able to withstand design wind speeds of at least 85mph (3-second gusts).
- All outdoor enclosures should be at minimum rated NEMA 3R.
- All Occupational Health and Safety Administration (OSHA) directives
- All SDG&E and California Solar Initiative requirements.

## **ATTACHMENT B**

### **CONTRACT TERMS**

#### **1.0 – CONTRACT TERMS**

1.01 - The term of the contract, which may be awarded pursuant to this RFP, will be three hundred sixty (360) days, or sufficient time as agreed to in writing to deliver per requestor directions.

1.02 – This Agreement may be terminated for convenience by the District provided the Contractor is given written notice of not less than 30 calendar days. Upon such termination, the District shall pay the Contractor the amount owing for the products ordered and satisfactorily received by the District. This shall be the sole and exclusive remedy to which the Contractor is properly entitled in the event of termination by the District.

#### **2.0 – EQUAL EMPLOYMENT OPPORTUNITY**

2.01 – All Contractors and their subcontractors performing work for the District must be Equal Employment Opportunity (“EEO”) employers, and shall be bound by all laws prohibiting discrimination in employment. There shall be no discrimination against any person, or group of persons, on account of race, color, religion, creed, national origin, ancestry, gender including gender identity or expression, age, marital or domestic partnership status, mental disability, physical disability (including HIV and AIDS), medical condition (including genetic characteristics or cancer), genetic information, or sexual orientation.

2.02 – Contractor and its subcontractors shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity, or national origin in the performance of this contract. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

2.03 – All Contractors shall include the nondiscrimination provisions above in all subcontracts.

#### **3.0 – BOND**

3.01 – Upon award of contract, successful Bidder shall furnish a good and approved faithful performance bond and/or payment bond in the full amount of the project.

3.02 – The bonds shall be executed by a sufficient, admitted surety insurer (as listed on website [http://interactive.web.insurance.ca.gov/webuser/idb\\_co\\_list\\$.startup](http://interactive.web.insurance.ca.gov/webuser/idb_co_list$.startup)) admitted to transact such business in California by the California Department of Insurance. After acceptance of the bond(s) by the District, a copy of the bond(s) will bearing the continuance of the Contract, any of the sureties, in the opinion of the District, are or become irresponsible, the District may require other or additional sureties, which the Contractor shall furnish to the satisfaction of the District within ten days after notice. If the Contractor fails to provide satisfactory sureties within the ten-day period, the Contract may be terminated for cause.

#### **4.0 – CONTRACTOR'S FINANCIAL OBLIGATION**

4.01 – The Contractor shall promptly make payments to all persons supplying labor and materials used in the execution of the contract.

## 5.0 – MATERIAL AND WORKMANSHIP

5.01 – All goods and materials must be new and of the specified quality and equal to approved sample, if samples have been required. In the event any goods or materials furnished or services provided by the Contractor in the performance of the Contract fail to conform to the requirements, or to the sample submitted by the Contractor, the District may reject the same, and it shall become the duty of the Contractor to reclaim and remove item promptly or to correct the performance of services, without expense to the District, and immediately replace all such rejected items with others conforming to the Contract. All work shall be done and completed in a thorough, workmanlike manner, notwithstanding any omission from these specifications or the drawings, and it shall be the duty of the Contractor to call attention to apparent errors or omissions and request instructions before proceeding with the work. The Project Manager may, by appropriate instructions, correct errors and supply omissions, which instructions shall be binding upon the Contractor as though contained in the original Contract Documents.

5.02 – All materials furnished and all work must be satisfactory to the Project Manager. Work, material, or machinery not in accordance with the Contract Documents, in the opinion of the Project Manager, shall be made to conform.

## 6.0 – DEFECTIVE WORK

6.01 – The Contractor shall replace at its own expense any part of the work that has been improperly executed, as determined by the Project Manager. If Contractor refuses or neglects to replace such defective work, the District at the expense of the Contractor may replace it, and its sureties shall be liable therefore.

## 7.0 – WARRANTY OF TITLE

7.01 – Contractor shall warrant to the District, its successors and assigns, that the title to the materials, supplies, or equipment covered by the contract, when delivered to the District or to its successors or assigns, is free from all liens and encumbrance.

## 8.0 – WARRANTY OF FITNESS

8.01 – Contractor hereby warrants that all materials furnished shall meet the requirements and conditions of the Contract Documents; shall be fit for the purposes intended and fulfill its design functions; be free of all patent and latent defects in design, materials and workmanship; and perform satisfactorily. It is understood and agree that by acceptance of this warranty and the acceptance of the materials or supplies to be manufactured or assembled pursuant to these specifications, the District does not waive any warranty either implied in Sections 2312 to 2317, inclusive, of the Commercial Code of the State of California or any products liability of the Contractor as determined by any applicable decision of a court of the State of California or of the United States.

## 9.0 – SAFETY AND ACCIDENT PREVENTION

9.01 – In performing work under the Contract on District premises, Contractor shall conform to any specific safety requirements contained in the Contract or as required by law or regulation.

9.02 – Contractor shall provide all facilities and shall follow all procedures required by the Occupational Safety and Health Act (“**OSHA**”) including, but not limited to, providing and posting all required posters and notices and shall otherwise be responsible for compliance with all other mandatory safety laws.

9.03 – Contractor shall take any additional precautions as the District may reasonably require for safety and accident prevention purposes. The Contractor shall take all necessary precautions for the safety of, and shall provide all necessary protection to prevent damage, injury or loss to:

- a) All employees on the work site and all other persons who may be affected thereby;
- b) All the work and all materials and equipment to be incorporated herein, whether in storage on or off the site, under the care, custody of control of the Contractor, or;

- c) Any of his subcontractors or sub-subcontractors; and other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.
- d) Post notice stating this work site is nonsmoking and drug free workplace.

9.04 – Any violation of such rules and requirements, unless promptly corrected, shall be grounds for termination of this Contract or Contractor's right to preclude accordance with the default provisions of the Contract Documents.

9.05 – The Contractor shall erect and maintain, as required by existing conditions and progress of the work, all necessary safeguards for safety and protection, including posting danger signs and other warning against hazards, promulgating safety regulations and notifying Districts and users of adjacent utilities and erecting fences and gates to isolate work sites and prevent entry by unauthorized persons and erecting egress-ways and protective enclosures as required by site and building configuration or local conditions, to maintain access ways and pedestrian safety.

## 10.0 – CHARACTER OF WORKFORCE

10.01 – The Contractor shall employ none but skilled competent qualified personnel to perform the Work, and shall maintain discipline and order in the conduct of the Work at all times.

## 11.0 - PREVAILING WAGES & DIR REGISTRATION

11.01 – This project is subject to prevailing wage and Contractors and Subcontractors performing such work shall be registered with the State Department of Industrial Relations (DIR) pursuant to Section 1725.5 of the Labor Code. No bid will be accepted nor any contract entered into without proof of the Contractor and Subcontractors' current registration with the DIR (LC § 1771.1).

11.02 – To the extent applicable, pursuant to Section 1773 of the Labor Code, the District has obtained from the Director of Industrial Relations of the State of California, the general prevailing rates of per diem wages and the general prevailing rates for holiday and overtime work in the locality in which the Work is to be performed, for each craft, classification, or type of worker needed to execute the contract. Pursuant to Section 1773.2 of the Labor Code, a copy of the prevailing wage rates is on file with the District and available for inspection by any interested party at [www.dir.ca.gov](http://www.dir.ca.gov).

11.03 – The Contractor and each Subcontractor shall keep an accurate payroll record, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed in connection with the Work. The payroll records shall be certified and shall be available for inspection in accordance with the provisions of Section 1776 of the Labor Code. Certified payroll records shall be on the forms provided by DIR or contain the same information required on the Department's form.

## 12.0 – CHANGES

12.01 – Changes in the Work can only be made in writing signed by the identified Project Manager. If the change causes an increase in the contract sum, or a change in the time or performance under the Contract, an adjustment may be made as determined by the Project Manager.

12.02 – The District reserves the right to make changes in the design of materials, equipment, or machinery, to make alterations or additions to or deviations or subtractions from the Contract and any specifications and drawings, to increase or decrease the required quantity of any item or portion of the Work or to omit any item or portion of the Work, as may be deemed by the Project Manager to be necessary or advisable and to order such extra work as may be determined by the Project Manager to be required for the proper execution and completion of the whole Work contemplated. Any such changes will be ordered in writing by the Project Manager. The determination of the Project Manager on all questions relating to changes, including extra work, shall be conclusive and binding.

12.03 – Prior to issuing an amendment or change to the Contract, the Project Manager may request that the Contractor submit a proposal covering the changes. Within 10 business days of receiving the request, the Contractor shall submit its proposal to the Project Manager of all costs associated with the proposed amendment or change and any request for an extension of Contract time. Contractor's proposal shall include detailed estimates with costs breakdowns, including labor, material, equipment, overhead, and profit. Labor shall be broken down into hours and rate per hour. If applicable, the proposal shall include a breakdown of off-site labor (including factory labor, engineering, etc.). The Contractor's proposal shall include an analysis of schedule impact when the Contractor is requesting an adjustment in contract time. The Contractor shall be responsible for any delay associated with its failure to submit its change proposal within the time specified. If the Project Manager decides not to issue an amendment or change after requesting a proposal from the Contractor, the Contractor will be notified in writing. The Contractor is not entitled to reimbursement for Change Order preparation costs if the Contractor's proposal is not accepted by the Project Manager.

12.04 – If the Contractor agrees with the terms and conditions of the approved Change Order, the Contractor shall indicate its acceptance by signing the original copy and returning it to the Project Manager within 10 work days after receipt or with reasonable promptness and in such sequence as to not delay the Work or activities of the District or of separate contractors, whichever is sooner. If notice of any change is required to be given to a surety by the provisions of any bond, the Contractor shall provide notice and the amount of each applicable bond shall be adjusted separately. Payment in accordance with the terms and conditions set forth in the executed Change Order shall constitute full compensation for all Work included in the Change Order and the District will be released from any and all claims for direct, indirect, and impact expenses and additional time impact resulting from the Work. If the Contractor disagrees with the terms and conditions of the approved Change Order, the Contractor shall indicate specific areas of disagreement and return the approved Change Order to the Project Manager with a detailed dispute. No payment will be made on the disputed work until the approved Change Order to the Project Manager with a detailed dispute. No payment will be made on the disputed work until the approved Change Order is returned to the Project Manager. However, whether or not the Contractor agrees with the terms and conditions of an approved Change Order, the Contractor shall immediately revise its sequence of operations as required to facilitate timely completion of the changed work and shall proceed with the revised work sequence.

12.05 – The Project Manager may, after having received a written cost quotation from the Contractor, order the Contractor, in writing, to proceed with the Work prior to issuance of an approved Change Order through a change directive. The change directive will authorize the Contractor to proceed with the Work subject to the cost quotation submitted by the Contractor. Within five days following receipt of the change directive, the Contractor shall submit a detailed change proposal documenting the amount of compensation. An approved Change Order shall supersede any previously issued written change directive covering the same Work.

### 13.0 – EFFECT OF EXTENSIONS OF TIME

13.01 – The granting, or acceptance, of extensions of time to complete the Work or furnish the labor, supplies, materials or equipment, or any one of the aforementioned, will not operate as a release of Contractor or the surety on Contractor's faithful performance bond.

### 14.0 – DELAYS AND LIQUIDATED DAMAGES

14.01 – The Contractor shall take reasonable precautions to foresee and prevent delays to the Work. When the Contractor foresees a delay event, and upon the occurrence of a delay event, the Contractor shall immediately notify the Project Manager of the probability or the actual occurrence of a delay, and its cause. With respect to all delays, the Contractor shall reschedule the Work and revise its operations, to the extent possible, to mitigate the effects of the delay. Within 15 days from the beginning of a delay, the Contractor shall provide the Project Manager with a detailed written description of the delay, its cause, its impact and the Contractor's mitigation plans. Failure to provide the notification required above waives the Contractor's right to any additional time resulting from the delay for whatever cause. The Project Manager will investigate the facts and ascertain the extent of the delay, and the Project Manager's findings thereon shall be final and conclusive, except in the case of gross error. An extension of time must be approved by the Project Manager to be effective, but an



extension of time, whether with or without consent of the sureties, shall not release the sureties from their obligations, which shall remain in full force until the discharge of the contract.

14.02 – District and Contractor recognize that time is of the essence and District will suffer financial loss if the Work is not complete within the time specified above, plus any extensions thereof allowed. If the Contractor fails to perform the Work within the specified time set forth in this agreement as adjusted pursuant to 14.01, the District and the Contractor agree that as liquidated damages, and not as a penalty, for delay in performance the Contractor shall pay the District in the amount of two hundred fifty dollars (\$250) for each and every calendar day that expires after [REDACTED] where the work is not complete and ready for Final Payment. The District shall have the right to deduct liquidated damages from any amount due or that may become due to the Contractor, or to collect such liquidated damages from the Contractor or the surety.

14.03 – Such damages are uncertain in amount and difficult to measure and prove accurately. By executing this Contract, the Contractor agrees that the liquidated damages specified herein are reasonable in amount and are not disproportionate to actual anticipated damages. Liquidated damages do not include any sums of money to reimburse the District for extra costs, which the District may become obligated to pay on other contracts, which are delayed or extended because of Contractor's failure to complete the Work within the time period as specified herein, including costs associated with the delay or interference with the Project. Liquidated damages are not intended to include litigation costs or attorney fees incurred by the District, or other incidental or consequential damages suffered by the District due to the Contractor's performance. If the District charges liquidated damages to the Contractor, this shall not preclude the District from commencing an action against the Contractor for other actual harm resulting from the Contractor's performance, including but not limited to, costs associated with the delay or interference with the Project.

14.04 – In order to recover liquidated damages, the District is under no obligation to prove the actual damages sustained by the District due to the Contractor's delay in performance. The parties agree that liquidated damages shall be computed at the agreed upon rate for each and every calendar day late as identified in 14.02.

14.05 – The liquidated damages herein specified shall only apply to Contractor's delay in performance. Liquidated damages are intended only to compensate the District for additional personnel efforts in administering the Contract after normally scheduled completion dates, District inconvenience, lost opportunities, and lost confidence in government and moral of government when work is not completed on time.

## 15.0 – TERMINATION

15.01 – The District may terminate the Contractor's right to proceed under the Contract, in whole or in part, for cause at any time after the occurrence of any of the following events, each of which constitutes a default:

- a) The Contractor becomes insolvent or files for relief under any bankruptcy laws of the United States.
- b) The Contractor makes a general assignment for the benefit of its creditors or fails to pay its debts as the same become due.
- c) A receiver is appointed to take charge of the Contractor's property.
- d) The Contractor fails to supply skilled supervisory personnel, an adequate number of properly skilled workers, proper materials, or necessary equipment to prosecute the Work in accordance with the Contract Documents.
- e) The Contractor fails to make progress to endanger performance of the Work within the contractually required time.
- f) The Contractor disregards legal requirements of agencies having jurisdiction over the Work, the Contractor, or the District.
- g) The Contractor fails to provide the District with a written plan to cure a District identified default within five business days after the District's request for a plan to cure; the District does not accept the Contractor's plan for curing its' default; or the Contractor does not fully carry out an accepted plan to cure.

- h) The Contractor abandons the Work. Abandonment is conclusively presumed when the District requests a written plan to cure a default and the Contractor does not submit the plan within five business days of the District's request.
- i) The Contractor materially fails to meet its obligations in accordance with the Contract Documents.
- j) The Contractor is in default of any other material obligation under the Contract Documents.

15.02 – If any of the above events occur, the District may, in its direction, require that the Contractor submit a written plan to cure its default, which plan must be provided to the District within 5 business days of the request and must include a realistic, executable plan for curing the noted defaults.

15.03 – Upon any of the occurrences referred to in 15.01, the District may, at its election and by notice to the Contractor, terminate the Contract in whole or in part; accept the assignment of any or all of the subcontracts; and then complete the Work by any method the District may deem expedient. If requested by the District, the Contractor shall remove any part or all of the Contractor's materials, supplies, equipment, tools, and machinery from the site of the Work within seven (7) days of such request; and, if the Contractor fails to do so, the District may remove or store, and after 90 days sell, any of the same at the Contractor's expense.

15.04 – No termination or action taken by the District after termination shall prejudice any other rights or remedies of the District provided by law or by the Contract Documents.

## 16.0 – TERMINATION BY THE DISTRICT FOR CONVENIENCE

16.01 – The District may, at its options, and for its convenience, terminate the Contract at any time by giving written notice to the Contractor specifying the effective date of termination. Upon such termination, the Contractor agrees to comply with the notice and further agrees to waive any claims for damages, including loss of anticipated profits, on account of the termination; and, as the sole right and remedy of the Contractor, the District shall pay the Contractor as set forth below. Upon receipt of a notice of termination for convenience, the Contractor shall, unless the notice directs otherwise, do the following:

- a) Immediately discontinue its performance of the Contract to the extent specified in the notice.
- b) Place no further orders or subcontracts for materials, equipment, services, or facilities, except as necessary for completion of a portion of the Work that is not discontinued or that is necessary for an orderly cessation of the Work.
- c) Promptly cancel, on the most favorable terms reasonably possible, all subcontracts to the extent they relate to the performance of the discontinued portion of the Work.
- d) Thereafter, do only such Work as may be necessary to preserve and protect Work already in progress and to protect materials, plants, and equipment in transit to or on the site of performance.

16.02 – Upon such termination for convenience, the District will pay to the Contractor the sum of the following:

- a) The amount of the contract sum allocable to the portion of the Work properly performed by the Contractor as of the effective date of termination, less sums previously paid to the Contractor.
- b) Previously unpaid costs of any items delivered to the project site that were already fabricated for subsequent incorporation into the Work.
- c) Any proven losses with respect to materials and equipment directly resulting from the termination.
- d) Reasonable demobilization costs.

16.03 – The above reimbursement is the sole and exclusive remedy to which the Contractor is entitled in the event the contract is terminated for convenience; and the Contractor expressly waives any other claims, damages, demands, compensation or recovery related to this contract or project. The Contractor agrees to sign a general release incorporating this waiver.

16.04 – Upon termination, the obligations of the Contract shall continue as to portions of the Work already performed and, subject to the Contractor's obligations as to bona fide obligations assumed by the Contractor prior to the date of termination.

16.05 – If the contract is suspended or terminated by the District because Contractor's performance is prevented or delayed by an event including an irresistible, superhuman cause, or by the act of public enemies of the State of California or the United States ("Force Majeure"), the Contractor will be paid for Work performed prior to the Force Majeure event at either (i) the unit prices named in the Contract; or (ii) in the event no unit prices are named, a sum equal to the percentage of the total contract amount that matches the percentage of the total contract Work performed prior to the Force Majeure event.

## 17.0 – DAMAGES

17.01 – All losses or damages to material or equipment to be furnished pursuant to the Contract Documents occurring prior to receipt and final acceptance of the Work shall be sustained by the Contractor. The Contractor shall sustain all losses arising from unforeseen obstructions or difficulties, either natural or artificial, encountered in the prosecution of the Work, or from any action of the elements prior to final acceptance of the work, or from an act or omission on the part of the Contractor not authorized by the Contract Documents.

## 18.0 – ORDER OF PRECEDENCE

18.01 – In the case of conflicts, errors, or discrepancies in any of the Contract Documents, the order of precedence is as follows. Within the same order of precedence, specific requirements shall take precedence over general requirements.

1. Approved change orders.
2. Addenda.
3. RFP
4. Referenced Standard Specifications and Drawings.
5. Contractor's Response Packet
6. With reference to drawings:
  - a. Numerical dimensions govern over scaled dimensions.
  - b. Detailed drawings govern over general drawings.
  - c. Addenda/Change Order drawings govern over contract drawings.
  - d. Contract drawings govern over standard drawings.
7. Notes apply to the drawing where the notes appear, unless classified as "typical" or intended to apply elsewhere in which case they apply to all drawings where the conditions or circumstance noted occurs. Typical details apply to all drawings unless a specific different detail is shown.

## 19.0 – INDEMNIFICATION/RESPONSIBILITY

19.01 – Contractor shall indemnify, keep and save harmless the District and each of its directors, officers, agents and employees against any and all suits, claims or actions arising out of any of the following:

- a) Any injury to persons or property that may occur, or that may be alleged to have occurred, arising from the performance or implementation of this Contract; or
- b) Any allegation that materials or services developed, provided or used for this Contract infringe or violate any copyright, trademark, patent, trade secret, or any other intellectual property of any third party.

19.02 – Contractor further agrees to defend, with counsel acceptable to District, any and all such actions, suits, or claims and pay all charges of attorneys and all other costs and expenses of defenses as they are incurred. If any judgement is rendered, or settlement reached, against the District or any of the other agencies or individuals enumerated above in any such action, Contractor shall, at its expense, satisfy and discharge the same. This indemnification shall survive termination or expiration of the Contract.

## 20.0 – PROHIBITION OF ASSIGNMENT

20.01 – The Contractor shall not assign, transfer, or otherwise dispose of any of its rights, duties, or obligations under this Contract.

## 21.0 – NEWS RELEASES

21.01 – The Contractor, its employees, subcontractors, and agents shall not refer to the District, or use any logos, images, or photographs of the District for any commercial purpose, including, but not limited to, advertising, promotion, or public relations, without the District's prior written consent. Such written consent shall not be required for the inclusion of the District's name on a customer list.

## 22.0 – TRANSFER OF INTEREST

22.01 – Contractor shall not assign, transfer or otherwise substitute its interest in the Contract or any of the contract obligations without prior written consent from the District.

## 23.0 – SEVERABILITY

23.01 – Should any part of the Contract be declared by a final decision by a court or tribunal of competent jurisdiction to be unconstitutional, invalid or beyond the authority of either party to enter into or carry out, such decision shall not affect the validity of the remainder of the Contract, which shall continue in full force and effect, provided that the remainder of the Contract can be interpreted to give effect to the intentions of the parties.

## 24.0 – COVENANT AGAINST GRATUITIES

24.01 – The Contractor warrants that no gratuities (in the form of entertainment, gifts, or otherwise) were offered or given by the Contractor, or any agent or representative of the Contractor, to any officer or employee of the District with a view toward securing the Contract or securing favorable treatment with respect to any determinations concerning the performance of the Contract. For breach or violation of this warranty, the District shall have the right to terminate the Contract, either in whole or part, and any loss or damage sustained by the District in procuring on the open market any items with Contractor agreed to supply shall be borne and paid for by the Contractor. The rights and remedies of the District provided in this clause shall not be exclusive and are in addition to any rights and remedies provided by law or in equity.

## 25.0 – RIGHTS AND REMEDIES OF THE DISTRICT

25.01 – The rights and remedies of the District provided herein shall not be exclusive and are in addition to any other rights and remedies provided by law or under the Contract.

## 26.0 – WAIVER OF RIGHTS

26.01 – The rights and remedies of the District provided herein shall not be exclusive and are in addition to any other rights and remedies provided by law or under the Contract.

## 27.0 – WARRANTY

27.01 – Bidder expressly warrants that all goods and services to be furnished pursuant to any contract awarded it arising from the Bid will conform to the descriptions and specifications contained herein and in supplier catalogs, product brochures and other representations, depictions or models, and will be free from defects, of merchantable quality, good material, and workmanship. Bidder expressly warrants that all goods and services to be furnished pursuant to such award will be fit and sufficient for the purpose(s) intended. This warranty shall survive any inspections, delivery, acceptance, payment, or contract termination for any reason, by the District. Bidder warrants that all work and services furnished hereunder shall be guaranteed for no less than one (1) year from date of acceptance by the District.

## 28.0 – ACCEPTANCE OF THE WORK

28.01 – No act of the District or the District's Representative, either in superintending or directing Work, or any extension of time for the completion of the Work, shall be regarded as an acceptance of such Work or any part thereof, or of materials used therein, either wholly or in part. Acceptance shall be evidenced only by the final certificate of the District. Before any final certificate shall issue, Contractor shall execute an affidavit on the certificate that it accepts the same in full payment and settlement of all claims on account of Work done and materials furnished under this Contract, and that all claims for materials provided or labor performed have been paid or set aside in full. No waiver of any breach of this Contract by the District or anyone acting on behalf shall be held as a waiver of any subsequent breach thereof.

28.02 – Contractor agrees to guarantee all work under this Contract for a period of one from the date of Final Settlement by the District. If any unsatisfactory condition or damage develops within the time of this guaranty due to materials or workmanship that are defective, inferior, or not in accordance with the Contract, as reasonably determined by the District, then the Contractor shall, when notified by the District immediately place such guaranteed Work in a condition satisfactory to the District.

## 29.0 – SUBCONTRACTORAL RELATIONS

29.01 – By an appropriate written agreement, the Contractor shall require each Subcontractor, to the extent of the Work to be performed by the Subcontractor, to be bound to the Contractor by the terms of the Contract Documents, and to assume toward the Contractor all the obligations and responsibilities which the Contractor, by these Documents, assumes toward the District. Said agreements shall preserve and protect the rights of the District under the Contract Documents with respect to the Work to be performed by the Subcontractor so that the subcontracting thereof will not prejudice such rights, and shall allow to the Subcontractor, unless specifically provided otherwise in the Contractor-Subcontractor agreement, the benefit of all rights, remedies and redress against the Contractor that the Contractor, by these Documents, has against the District. Where appropriate, the Contractor shall require each Subcontractor to enter into similar agreements with his Sub-subcontractors. Each subcontract shall contain provision for execution of lien waivers in form and substance acceptable to District as a condition of payment by the Contractor. Contractor shall require each Subcontractor to (1) inspect the Project site, including all relevant surfaces and job conditions, before beginning Work and (2) accept or cite necessary corrections in the Project site, including surfaces or job conditions, before beginning Work.

29.02 – Contractor shall include a provision in all subcontractors and purchase orders, except as may otherwise be specified by District with respect to purchase orders for minor purchases, that, in order to permit verification of contractor's costs, District shall have the right to have its representatives in addition to governmental auditors inspect and audit the books of account and records of the Subcontractors and Materialmen, including the right to make excerpts from such books and records. Contractor shall include a provision in all subcontracts and purchase orders that will enable representatives of the District to obtain access during working hours to the appropriate books of account and records of the Subcontractors and Materialmen relating to the work to determine if there is compliance with the requirements of law or the Construction Documents.

29.03 – The District shall have no obligation to pay, or to see to the payment of, any monies to any Subcontractor. Nothing contained in Section 30 shall be deemed to create any contractual relationship between the District and any Subcontractor or to create any rights of any Subcontractor against the District.

29.04 – All subcontract agreements shall conform to the requirements of the Contract Documents, and Contractor hereby assigns to District (and District's permitted assigns) all its interest in any subcontract agreements and purchase orders now existing or hereinafter entered into by Contractor for performance of any of the Work, which assignment will be effective upon acceptance by District in writing and only as to those subcontract agreements and purchase orders that District designates, in its sole discretion, in said writing. It is agreed and understood that District may accept said assignment at any time during the course of construction prior to Final Completion.

29.05 - Upon such acceptance by District, (1) contractor shall promptly furnish to District true and correct copies of the designated subcontract agreements, and purchase orders, and (2) District shall only be required to compensate the designated Subcontractor(s) or supplier(s) for compensation accruing to such party(ies) for Work done or materials delivered from and after the date on which District determines to accept the subcontract agreement(s) or purchase order(s). All sums due and owing by Contractor to the designated Subcontractor(s) or supplier(s) for work performed or materials supplied prior to District's determination to accept the subcontract agreement(s) or purchase order(s) shall constitute a debt between such parties and Contractor. It is further agreed that all subcontract agreements and purchase orders shall provide that they are freely assignable by Contractor to District and assigns under the terms and conditions stated hereinabove. It is further agreed and understood that such assignment is part of the consideration to District for entering into the Contract with Contractor and may not be withdrawn prior to Final Completion. Contractor shall deliver or cause to be delivered to District a written acknowledgement in form and substance satisfactory to District from each of its Subcontractors and suppliers of the contingent assignment described herein no later than ten (10) days after the execution of each subcontract agreement and purchase order with such parties.

### 30.0 – FINAL COMPLETION AND FINAL PAYMENT

30.01 – Upon satisfactory completion of the project, the Contractor shall submit an invoice that contains at a minimum, District PO number, invoice number, remit to Address, and itemized products and/or services description.

30.02 – The District will pay Contractor the balance quoted in the RFP process, minus any charges as stipulated in Section 14.0, unless agreed to in writing through the change order process. The District shall notify Contractor of any invoice adjustments as required in this agreement.

30.03 – Final payment will be made within thirty (30) days following compliance of Section 30.

### 31.0 – INSURANCE AND INDEMNIFICATION REQUIREMENTS

31.01 – CONTRACTOR expressly agrees to defend, indemnify, and hold harmless the District and its Directors, officers, agents, and employees from and against any and all loss, liability, expense, claims, suits, and damages, including attorneys' fees, arising out of or resulting from CONTRACTOR's, its associates', employees', subcontractors', or other agents negligent acts, errors or omissions, or willful misconduct, in the operation and/or performance under this Agreement.

31.02 – SEE INSURANCE REQUIREMENTS ATTACHMENT C

## EXHIBIT C

### Insurance Requirements for Contract

Contractor shall procure and maintain for the duration of the contract, and for 3 years thereafter, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees, or subcontractors.

#### A. COVERAGE SHALL BE AT MINIMUM:

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than \$2,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.

2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering Code 1 (any auto), with limits no less than \$1,000,000 per accident for bodily injury and property damage.

3. **Workers' Compensation** insurance as required by the State of California, with Statutory Limits, and Employers' Liability insurance with a limit of no less than \$1,000,000 per accident for bodily injury or disease.

4. **Builder's Risk/Course of Construction** insurance utilizing an "All Risk" (Special Perils) coverage form, with limits equal to the completed value of the project and no coinsurance penalty provisions.

5. **Surety Bonds** as described below.

6. **Contractors' Pollution Legal Liability** with limits no less than \$1,000,000 per occurrence or claim, and \$2,000,000 policy aggregate.

If the contractor maintains broader coverage and/or higher limits than the minimums shown above, the District requires and shall be entitled to the broader coverage and/or higher limits maintained by the contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the District.

7. **Application of Excess Liability Coverage:** Contractors may use a combination of primary, and excess insurance policies which provide coverage as broad as the underlying primary policies, to satisfy the Required Insurance provisions.

#### B. OTHER INSURANCE PROVISIONS:

1. The insurance policies are to contain, or be endorsed to contain, the following provisions:

a. Additional Insured Status

The Districts its Directors, officers, officials, employees, agents and volunteers are to be covered as additional insureds on the CGL and Auto policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts, or equipment furnished in connection with such work or operations and automobiles owned, leased, hired, or borrowed by or on behalf of the Contractor. General liability and Auto liability coverage can be provided in the form of an endorsement to the Contractor's insurance (**at least** as broad as ISO Form CG 20 10 11 85 or both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 forms if later revisions used).

b. Primary Coverage

For any claims related to this contract, the Contractor's insurance coverage shall be primary coverage **at least** as broad as ISO CG 20 01 04 13 as respects the District, its Directors, officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the District its Directors, officers, officials, employees, agents or volunteers shall be excess of the Contractor's insurance and shall not contribute with it.

c. Builder's Risk (Course of Construction) Insurance

Contractor may submit evidence of Builder's Risk insurance in the form of Course of  
FIRE STATION 5 SOLAR ENERGY GENERATION PROJECT

Construction coverage. Such coverage shall name the District as a loss payee as their interest may appear.

d. Reporting

Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the District or its Directors, officers, officials, employees, agents or volunteers.

e. Notice of Cancellation

Each insurance policy required above shall provide that coverage shall not be canceled, except with thirty (30) day prior written notice to the District. Notification of insurance cancellation to the District will be contractors' responsibility.

f. Waiver of Subrogation

Contractor hereby agrees to waive rights of subrogation which any insurer of Contractor may acquire from Contractor by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the District for all work performed by the Contractor, its employees, agents and subcontractors.

g. Self-Insured Retentions

Self-insured retentions must be declared to and approved by the District. At the option of the District, either: the contractor shall cause the insurer shall reduce or eliminate such self-insured retentions as respects the District its Directors, officers, officials, employees, and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the District guaranteeing payment of losses and related investigations, claim administration, and defense expenses. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or District.

## **C. ACCEPTABILITY OF INSURERS**

Insurance is to be placed with California admitted insurers (licensed to do business in California) with a current A.M. Best's rating of no less than A-VII, however, if no California admitted insurance company provides the required insurance, it is acceptable to provide the required insurance through a United States domiciled carrier that meets the required Best's rating and that is listed on the current List of Approved Surplus Line Insurers (LASLI) maintained by the California Department of Insurance.

## **D. CLAIMS MADE POLICIES**

If any coverage required is written on a claims-made coverage form:

1. The retroactive date must be shown, and this date must be before the execution date of the contract or the beginning of contract work.
2. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of contract work.
3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a retroactive date prior to the contract effective, or start of work date, the Contractor must purchase extended reporting period coverage for a minimum of five (5) years after completion of contract work.
4. A copy of the claims reporting requirements must be submitted to the District for review.

## **E. VERIFICATION OF COVERAGE**

Contractor shall furnish the District with original certificates and amendatory endorsements, or copies of the applicable insurance language, effecting coverage required by this contract. All certificates and endorsements are to be received and approved by the District before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Contractor's obligation to provide them. The District reserves the right to require complete, certified copies of all required insurance policies, including endorsements, required by these specifications, at any time.



**F. SUBCONTRACTORS**

Contractor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that District is an additional insured on insurance required from subcontractors. For CGL coverage subcontractors shall provide coverage with a format least as broad as CG 20 38 04 13.

**G. SURETY BONDS**

Contractor shall provide the following Surety Bonds:

1. Bid bond
2. Performance bond
3. Payment bond
4. Maintenance bond

The Payment Bond and the Performance Bond shall be in a sum equal to the contract price. If the Performance Bond provides for a one-year warranty a separate Maintenance Bond is not necessary. If the warranty period specified in the contract is for longer than one year a Maintenance Bond equal to 10% of the contract price is required. Bonds shall be duly executed by a responsible corporate surety, authorized to issue such bonds in the State of California and secured through an authorized agent with an office in California.

**H. SPECIAL RISKS OR CIRCUMSTANCES**

District reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other circumstances.

**I. INSURANCE LIMITS**

The limits of insurance described herein shall not limit the liability of the Contractor and Contractor's officers, employees, agents, representatives or subcontractors. Contractor's obligation to defend, indemnify and hold the District and its Directors, officers, officials, employees, agents and volunteers harmless under the provisions of this paragraph is not limited to or restricted by any requirement in the Agreement for Contractor to procure and maintain a policy of insurance.

**ATTACHMENT D****NON-COLLUSION AFFIDAVIT****FIRE STATION 5 SOLAR ENERGY GENERATION PROJECT**

TO BE EXECUTED BY BIDDER ON THE PRINCIPAL CONTRACT

STATE OF CALIFORNIA )  
COUNTY OF \_\_\_\_\_ ) SS

\_\_\_\_\_ being first duly sworn,  
(name)  
deposes and says that he/she is the \_\_\_\_\_  
(sole owner, a partner, president, secretary, etc.)  
of \_\_\_\_\_,  
(company name)

the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that such bid is genuine and not collusive or sham; that said bidder has not, directly or indirectly, induced or solicited any other bidder to put in a false or sham bid, and has not, directly or indirectly, colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, nor that anyone shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of said bidder or of any other bidder, nor to fix any overhead, profit or cost element of such bid price, or that of that of any other bidder, nor to secure any advantage against the public body awarding the Contract of anyone interested in the proposed Contract; that all statements contained the bid are true; and, further, that said bidder has not, directly or indirectly, submitted his bid price or any other breakdown thereof, nor the contents thereof, nor divulged information or data relative thereto, or paid, and will not pay, any fee in connection therewith to any corporation, partnership, company, association, organization, bid depository, not to any member or agent thereof, nor to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in his general business.

Bidder: \_\_\_\_\_

By (Print Name & Title): \_\_\_\_\_

Signature: \_\_\_\_\_

**ATTACHMENT E****STATION 5 BACKGROUND INFORMATION****SDG&E UTILITY BILLS**

The new 8300 square foot Fire Station is located on a 2.5 acre site. The new station is a single story structure with a three bay wide drive-through apparatus room. The new facility is divided into 3 distinct areas. The training room. The Apparatus Bay, which includes the workshop, PPE storage, cleaning, medical equipment storage. The Living Quarters, which includes 5 firefighter dorms, day room, kitchen / dining area, laundry room and fitness room and Captains office. The grounds surrounding the building include a hose drying rack, parking for up to 12 employees, public parking and an enclosure, which houses an emergency generator and 750 gallon above ground diesel tank and 250 gal. unleaded gas storage.

Since this is a newly constructed facility, we do not have current utility billing to show energy use.

We have included 3 utility bills from 2 of our stations that are of similar size and configuration, the only difference being the original fixtures installed are not of the same energy saving standard that have been installed in the new building.

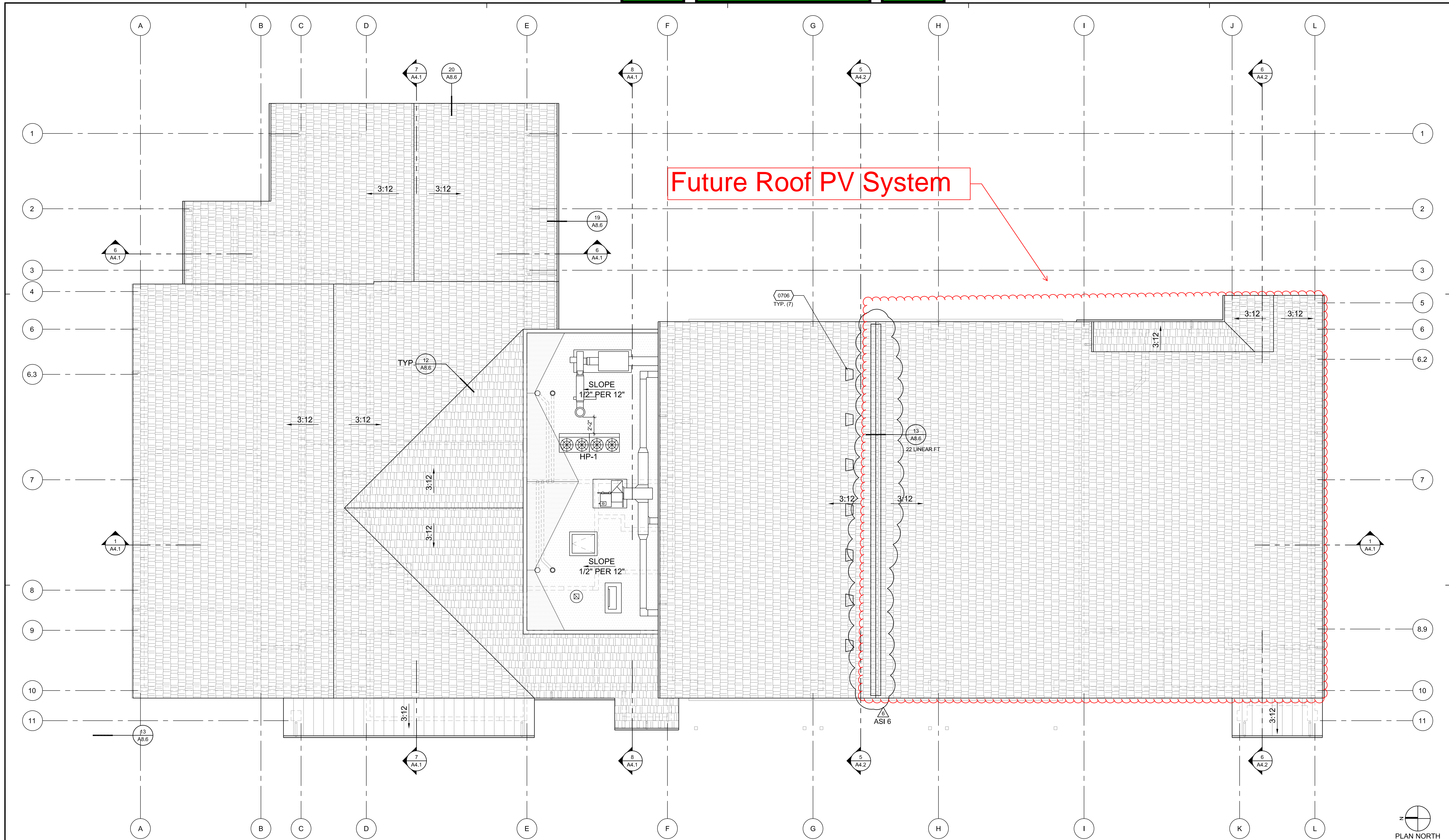












ROOF PLAN

3/16" = 1'-0"

3

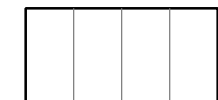
0706 ROOF DORMER VENT, BRANDGUARD DV2011 (8165-2232:0500), PAINTED FINISH, SEE DETAIL 3/A8.6, TYP.

## ATTIC SPACE VENTILATION CALCULATION

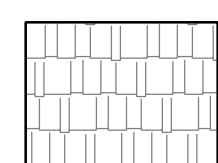
- TOTAL ENCLOSED ATTIC (MIDDLE APP BAY): 728 SF  
- REQUIRED TOTAL VENTED FREE AREA: 728 SF / 150 = 4.85 SF = 699 SQ. IN.  
- PROVIDED VENTS:  
- (22) LINEAR FT OF RIDGE VENT: NFVA 17.2 SQ. IN. X 22 = 378 SQ. IN.  
- BRANDGUARD RIDGEVENT #00034  
- (7) ROOF DORMER VENT: NFVA = 56 SQ. IN/ EACH X 7 = 392 SQ. IN.  
- BRANDGUARD DORMER VENT #DV2011 (8165-2232:0500)  
- TOTAL VENTED FREE AREA = 378 + 392 = 770 SQ. IN > 699 SQ. IN: OK

## NOTES:

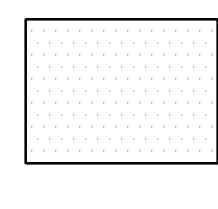
- ALL HEIGHTS ARE REFERENCED FROM FINISH FLOOR ELEVATION = 0'-0". REFER TO PLANS AND SECTIONS FOR ADDITIONAL INFORMATION.
- FOR ADDITIONAL CONDUIT AND PIPING PENETRATIONS AT ROOF AREAS, SEE DETAIL 3/A8.4, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
- FOR VENT PIPE PENETRATIONS AT ROOFING, SEE DETAILS 4/A8.5 AND 14/A8.6.
- PROVIDE ANTENNA SUPPORT BRACKET AT ROOF MOUNTED ANTENNA LOCATION.
- PROVIDE WALKING PAD TO AND AROUND ALL ROOF TOP MOUNTED MECHANICAL EQUIPMENTS AT FLAT ROOFS.
- PROVIDE CRICKET AT ROOFTOP EQUIPMENT PER DETAIL 12/A8.5.
- FOR FLASHING AT INTERSECTING WALLS, SEE DETAIL 7/A8.5.
- FOR TYPICAL HEAD WALL FLASHING, SEE DETAIL 2/A8.6.
- FOR TYPICAL SIDEWALL FLASHING, SEE DETAIL 1/A8.6.
- FOR STUD WALL TO FLAT ROOF TRANSITION, SEE DETAIL 14/A8.5.
- ALL LOUVERS AND VENTS SHALL HAVE 1/8" NONCOMBUSTIBLE CORROSION-RESISTANT MESH. EXCEPTION: APPROVED VENTS RESISTING INTRUSION OF FLAMES AND EMBERS.
- ALL ROOFING SHALL HAVE A CLASS A FIRE RATING.
- FOR TYPICAL RIDGE CONDITION, SEE DETAIL 15/A8.6.



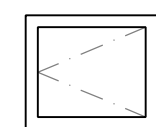
STANDING SEAM METAL ROOFING ACCENT, UL CLASS A  
AEP SPAN SPAN-LOK  
IAPMO-UES ER-0309



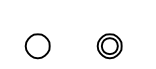
ASPHALT SHINGLE ROOF, ASTM D3018, UL CLASS A  
GAF TIMBERLINE HD COOL SERIES  
ICC ESR-1475



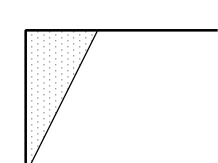
BUILT-UP MITUMINOUS ROOFING  
JOHNS MANVILLE, SYSTEM "5GNC CR", UL CLASS A  
UL ER10167-03  
- SLIP SHEET  
- GLASBASE PLUS (1 PLY)  
- GLASPLY PREMIER (3 PLYS)  
- GLASKAP CR (1 PLY)



ROOF HATCH



ROOF AND OVERFLOW DRAIN



ROOF CRICKET

REFERENCE NOTES

ATTIC VENTILATION CALCULATION

ROOF NOTES

8

MATERIAL LEGEND

4

## SOUTHERN CALIFORNIA

8163 ROCHESTER AVENUE, SUITE 100  
RANCHO CUCAMONGA  
CALIFORNIA 91730-0729

TEL: 909-987-0909  
www.wlcarchitects.com

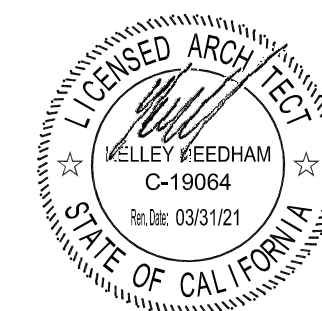


RANCHO SANTA FE FIRE PROTECTION DISTRICT

HARMONY GROVE VILLAGE

FIRE STATION No. 5

2604 OVERLOOK POINT DR., ESCONDIDO, CA 92029

4TH PLAN CHECK  
SUBMITTAL

CONSULTANT

NO	DATE	BY	DESCRIPTION
1	9/16/19	AS4	
2			
3			
4			
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28			
29			
30			

DRAWN: KWC CHECKED: KN  
DATE: 06/25/2019 SCALE:  
PROJECT NUMBER: 1725600

ROOF PLAN

DRAWING  
NUMBER: A2.3



ACCOUNT NUMBER 8451 042 414 6  
SERVICE FOR  
RSF FIRE PROTECTION DISTRICT  
18040 CALLE AMBIENTE  
RANCHO SANTA FE, CA 92067

DATE MAILED Apr 7, 2020  
sdge.com

Page 1 of 8

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Visit [sdge.com/go-paperless-today](https://sdge.com/go-paperless-today).

## Account Summary

Previous Balance			\$1,940.98
Payment Received	03/23/20	THANK YOU	- 1,940.98
Current Charges			+ 1,913.04
<b>Total Amount Due</b>			<b>\$1,913.04</b>

## Summary of Current Charges

(See page 2 for details)

	Billing Period	Usage	Amount(\$)
Gas	Mar 5, 2020 - Apr 5, 2020	134 Therms	122.69
Electric	Mar 5, 2020 - Apr 5, 2020	9,844 kWh	1,790.35
<b>Total Charges this Month</b>			<b>\$1,913.04</b>



### Time of Use Change This Bill Period:

Time-of-use periods changed for March and April of 2020. See Time-of-use chart for details.

### Regulatory Notices

- All customers are required to pay a Competition Transition Charge as part of the charges above, including those who choose an electric service provider other than SDG&E.

RECEIVED  
APR 14 2020

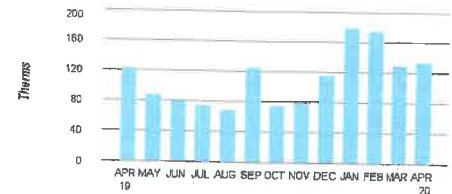
BY:

APV:                      Vendor: 17  
Batch: 04/14/2020 Voucher: 45628  
Exp #: 7320-001-04-0000-01  
Dte Pd: 4/16/20 CREDIT#: 32641  
4 of 6

DATE DUE Apr 22, 2020

AMOUNT DUE \$1,913.04

### Gas Usage History (Total therms used)



134

Therms used

4.3

Daily avg therms

4.3

Daily avg therms last month

2.4%

0.0%

Change in daily avg therms from last year

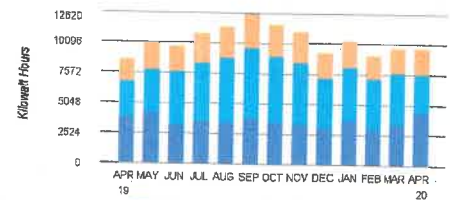
Change in daily avg therms from last month

31

Days in billing cycle



### Electric Usage History (Total kWh used)



9,844

kWh used

317.5

Daily avg kWh

328.7

Daily avg kWh last month

5.6%

3.4%

Change in daily avg kWh from last year

Change in daily avg kWh from last month

Max monthly demand

Max annual demand

35.5

Days in billing cycle

31



PLEASE KEEP THIS PORTION FOR YOUR RECORDS. (FAVOR DE GUARDAR ESTA PARTE PARA SUS REGISTROS.)



ACCOUNT NUMBER 8451 042 414 6

DATE DUE

Apr 22, 2020

DATE MAILED Apr 7, 2020

sdge.com

Page 2 of 8

## Detail of Current Charges

### Gas Service

Rate: GN3-Commercial

Meter Number: 01426123 (Next scheduled read date May 6, 2020) Cycle: 4

Billing Period	Days	Current Reading	Previous Reading	= Difference	x Meter Constant	x Therm Multiplier	= Total Therms
03/05/20 - 04/05/20	31	8480	8350	130	1.000	1.030	134

### GAS CHARGES

Amount(\$)



#### Gas Service Rate Change This Billing Period:

There was a rate change on day 27 of your Billing Period. Therefore, your charges for the first 26 days were at Rate 1, and the remaining 5 days were at Rate 2.

Customer Charge 10.00

Gas Service (Details below) 134 Therms

	1000 Therms	1001 - 21,000 Therms	Over 21,000 Therms	
Therms used	134			
Rate/Therm	\$58040			
26 of 31 Days	\$65.23			= 65.23
Therms used	134			
Rate/Therm	\$57238			
5 of 31 Days	\$12.37			= 12.37



#### Gas Energy Rate Change This Billing Period:

There was a rate change on day 27 of your Billing Period. Therefore, your charges for the first 26 days were at Rate 1, and the remaining 5 days were at Rate 2.

(Continued on next page)

### Important Phone Numbers



1-800-336-SDGE (7343) English

1-800-311-SDGE (7343) Español

1-877-889-SDGE (7343) TTY

M-F, 7am-8pm, Sat, 7am-6pm

For emergencies and to report outages, please call 24 hours a day, 7 days a week. . . . . 1-800-611-7343

To locate underground cables & gas pipes, please call DigAlert, Monday-Friday, 6am-7pm. . . . . 8-1-1

To make a payment using your credit or debit card via a third party vendor, call. . . . . 1-800-386-0067



### Detail of Current Charges - Continued

#### Gas Energy Charge (Details below) 134 Therms

	Usage		
Therms used	134		
Rate/Therm	\$ .22130		
26 of 31 Days	\$24.87	=	24.87
Therms used	134		
Rate/Therm	\$ .20327		
5 of 31 Days	\$4.39	=	4.39

**Total Gas Charges \$116.86**

#### TAXES & FEES ON GAS CHARGES

		Amount (\$)
Public Purpose Program	134 Therms x \$.041050	5.50
State Regulatory Fee	134 Therms x \$.002470	.33

**Total Taxes & Fees on Gas Charges \$5.83**

**Total Gas Service \$122.69**

### Electric Service

Rate: Time of Use - TOU-M-Commercial	Climate Zone: Inland
Billing Period: 3/5/20 - 4/5/20	Total Days: 31
Meter Number: 06583683	(Next scheduled read date May 6, 2020) Cycle: 4
Meter Constant: 80.000	Billing Voltage Level: Secondary
Circuit: 1105 Block: 137A	
Total Usage: 9,844	(Usage based on interval data)

#### ELECTRIC CHARGES

	Amount (\$)
Customer Charge	101.56

#### Electricity Delivery (Details below) 8,279 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	1,881	2,709	3,689	
Rate/kWh	\$.09084	\$.09084	\$.09084	
26 Day Charge	\$170.87	+ \$246.09	+ \$335.11	= 752.07

#### Electricity Delivery (Details below) 1,565 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	350	486	729	
Rate/kWh	\$.09219	\$.09219	\$.09219	
5 Day Charge	\$32.27	+ \$44.80	+ \$67.21	= 144.28



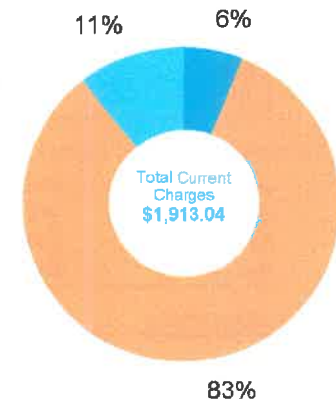
#### Rate Change This Billing Period:

There was a rate change on day 27 of your Billing Period. Therefore, your charges for the first 26 days were at Rate 1, and the remaining 5 days were at Rate 2.

Winter Non-Coincident Demand	27.5 kW x \$2.50	68.75
DWR Bond Charge	9,844 kWh x \$.00580	57.10

(Continued on next page)

### Breakdown of Current Charges



The total current charges include the following components. Definitions for these terms are shown on page 6 of your bill.

#### Period: 03/05 - 04/05



#### Gas Charges

Gas Service	\$116.86
-------------	----------



#### Other Charges & Credits (Gas)

Public Purpose Programs	\$5.50
Other	\$.33

#### Period: 03/05 - 04/05



#### Electric Charges

Electricity Generation	\$658.10
Transmission	\$249.06
Distribution	\$605.16
Nuclear Decommissioning	\$ .49
Competition Transition Charge	\$9.26
Local Generation Charge	\$69.40
Reliability Services	\$ .40



#### Other Charges & Credits (Electric)

Public Purpose Programs	\$132.89
DWR Bond Charge	\$57.10
DWR Revenue Adjustment	-\$ .79
Other	\$9.28

**Total Current Charges \$1,913.04**





ACCOUNT NUMBER 8451 042 414 6

DATE DUE

Apr 22, 2020

DATE MAILED Apr 7, 2020

Page 4 of 8

sdge.com

*Detail of Current Charges - Continued*

Electricity Generation (Details below) 8,279 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	1,881	2,709	3,689	
Rate/kWh	\$.07978	\$.07062	\$.06026	
26 Day Charge	\$150.07	+ \$191.31	+ \$222.30	= 563.68

Electricity Generation (Details below) 1,565 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	350	486	729	
Rate/kWh	\$.07098	\$.06282	\$.05356	
5 Day Charge	\$24.84	+ \$30.53	+ \$39.05	= 94.42

DWR Revenue Adjustment -79

**Total Electric Charges \$1,781.07****TAXES & FEES ON ELECTRIC CHARGES**

	Amount (\$)
Franchise Fees on Electric Energy Supplied by Others 56.31 x 1.10%	.62
State Surcharge Tax 9,844 kWh x \$.000300	2.95
State Regulatory Fee 9,844 kWh x \$.000580	5.71

**Total Taxes & Fees on Electric Charges \$9.28****Total Electric Service \$1,790.35****Total Current Charges \$1,913.04**

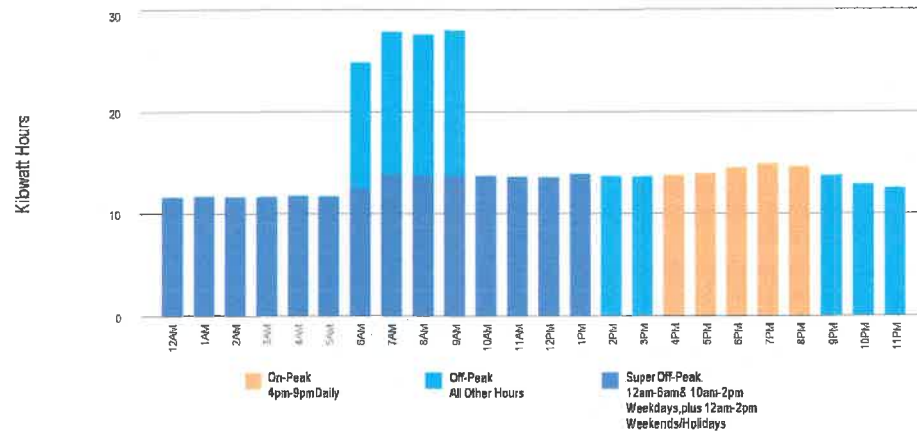
LETTERHEAD VT.BOV.08/16

## Your Electricity Dashboard

\*Charts may not display if usage data is unavailable

Period: 03/05 - 04/05

### Average Hourly Electric Usage



⚡ For each day in the billing cycle, an hourly usage is calculated by peak. At the end of the bill cycle, hourly usage is averaged and displayed on the chart by peak.

### Highest Usage Hour

Highest Usage Hour (Demand) this month:

⚡ **27.5 kW on March 24, 2020 from 9:00am to 10:00am**

Demand is the highest amount of electricity used at a given point in time.

### Time of Use - Electricity

Winter	kWh	Mar 1 - Apr 30
On-Peak	1,881	4pm-9pm Daily
Off-Peak	2,709	All Other Hours
Super Off	3,689	12am-5am & 10am-2pm Weekdays, plus 12am-2pm Weekends/Holidays
<b>Total</b>	<b>8,279</b>	

Winter	kWh	Mar 1 - Apr 30
On-Peak	350	4pm-9pm Daily
Off-Peak	486	All Other Hours
Super Off	729	12am-5am & 10am-2pm Weekdays, plus 12am-2pm Weekends/Holidays
<b>Total</b>	<b>1,565</b>	





ACCOUNT NUMBER **8451 042 414 6**  
SERVICE FOR  
RSF FIRE PROTECTION DISTRICT  
18040 CALLE AMBIENTE  
RANCHO SANTA FE, CA 92067

DATE MAILED Feb 6, 2020  
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You may have rate options. Please call us at 1-800-336-7343(SDGE) or visit our website at [sdge.com](http://sdge.com).

## Account Summary

Previous Balance			\$2,057.12
Payment Received	01/23/20	THANK YOU	- 2,057.12
Current Charges			+ 1,833.90
<b>Total Amount Due</b>			<b>\$1,833.90</b>

7% Delayed Payment Charge Due If Paid After Mar 2, 2020.

## Summary of Current Charges

(See page 2 for details)

	Billing Period	Usage	Amount(\$)
Gas	Jan 6, 2020 - Feb 4, 2020	175 Therms	178.39
Electric	Jan 6, 2020 - Feb 4, 2020	9,221 kWh	1,656.32
Policy Adjustment			- .81
<b>Total Charges this Month</b>			<b>\$1,833.90</b>

## Regulatory Notices

- All customers are required to pay a Competition Transition Charge as part of the charges above, including those who choose an electric service provider other than SDG&E.

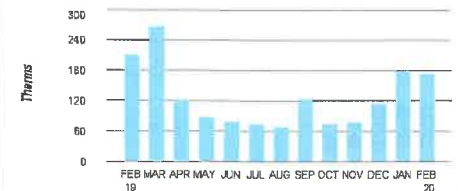


APV:                      Vendor: 17  
Batch: 62/11/2020 Voucher: 45251  
Exp #: 7320-001-04-0000-01  
Dis Pat: 2/14/20 CK/EFT#: 32431  
                    9 of 10

**DATE DUE** Feb 21, 2020

**AMOUNT DUE** \$1,833.90

## Gas Usage History (Total therms used)



**175**

Therms used

**6.0**

Daily avg therms

**5.4**

Daily avg therms last month

**17.8%**

Change in daily avg therms from last year

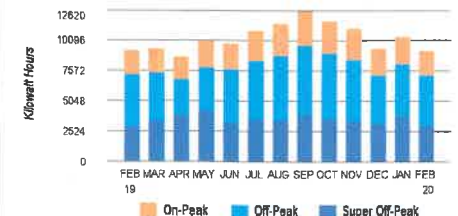
**11.1%**

Change in daily avg therms from last month

**29**

Days in billing cycle

## Electric Usage History (Total kWh used)



**9,221**

kWh used

**318.0**

Daily avg kWh

**315.2**

Daily avg kWh last month

**0.3%**

Change in daily avg kWh from last year

**0.9%**

Change in daily avg kWh from last month

**27.5**

Max monthly demand

**35.5**

Max annual demand

**29**

Days in billing cycle

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ACCOUNT NUMBER 8451 042 414 6

DATE DUE

Feb 21, 2020

DATE MAILED Feb 6, 2020

Page 2 of 8

sdge.com

**Detail of Current Charges****Gas Service**

Rate: GN3-Commercial

Meter Number: 01426123 (Next scheduled read date Mar 6, 2020) Cycle: 4

Billing Period	Days	Current Reading	- Previous Reading	= Difference	x Meter Constant	x Therm Multiplier	= Total Therms
01/06/20 - 02/04/20	29	8225	8056	169	1.000	1.034	175

**GAS CHARGES**Customer Charge Amount(\$)  
10.00

Gas Service (Details below) 175 Therms

	1000 Therms	1001 - 21,000 Therms	Over 21,000 Therms	
Therms used	175			
Rate/Therm	\$ .58040			
Charge	\$101.57			= 101.57

**Gas Energy Rate Change This Billing Period:**

There was a rate change on day 26 of your Billing Period. Therefore, your charges for the first 25 days were at Rate 1, and the remaining 4 days were at Rate 2.

Gas Energy Charge (Details below) 175 Therms

	Usage	
Therms used	175	
Rate/Therm	\$ .34761	
25 of 29 Days	\$52.44	= 52.44
Therms used	175	
Rate/Therm	\$ .28035	
4 of 29 Days	\$6.77	= 6.77

**Total Gas Charges \$170.78**

(Continued on next page)

**Important Phone Numbers**

1-800-336-SDGE (7343) English  
 1-800-311-SDGE (7343) Español  
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Detail of Current Charges - Continued

**TAXES & FEES ON GAS CHARGES**

		Amount (\$)
Public Purpose Program	175 Therms x \$.041050	7.18
State Regulatory Fee	175 Therms x \$.002470	.43

**Total Taxes & Fees on Gas Charges \$7.61**

**Total Gas Service \$178.39**

**Electric Service**

Rate: Time of Use - TOU-M-Commercial Climate Zone: Inland  
Billing Period: 1/6/20 - 2/4/20 Total Days: 29  
Meter Number: 06583683 (Next scheduled read date Mar 6, 2020) Cycle: 4  
Meter Constant: 80.000 Billing Voltage Level: Secondary  
Circuit: 1105 Block: 137A  
Total Usage: 9,221 (Usage based on interval data)

**ELECTRIC CHARGES**

	Amount (\$)
Customer Charge	101.56

Electricity Delivery (Details below) 7,861 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	1,747	3,660	2,454	
Rate/kWh	\$.09166	\$.09166	\$.09166	
25 Day Charge	\$160.13	+ \$335.48	+ \$224.93	= 720.54

Electricity Delivery (Details below) 1,360 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	292	519	549	
Rate/kWh	\$.09084	\$.09084	\$.09084	
4 Day Charge	\$26.53	+ \$47.15	+ \$49.87	= 123.55

**Rate Change This Billing Period:**

There was a rate change on day 26 of your Billing Period. Therefore, your charges for the first 25 days were at Rate 1, and the remaining 4 days were at Rate 2.

Winter Non-Coincident Demand 27.5 kW x \$2.50 68.75

DWR Bond Charge 9,221 kWh x \$.00580 53.48

Electricity Generation (Details below) 7,861 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	1,747	3,660	2,454	
Rate/kWh	\$.07129	\$.06309	\$.05379	
25 Day Charge	\$124.54	+ \$230.91	+ \$132.00	= 487.45

Electricity Generation (Details below) 1,360 kWh

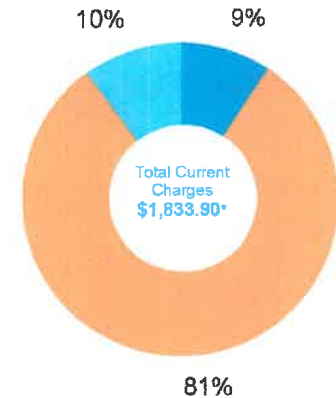
WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	292	519	549	
Rate/kWh	\$.07978	\$.07062	\$.06026	
4 Day Charge	\$23.30	+ \$36.65	+ \$33.08	= 93.03

DWR Revenue Adjustment -.74

**Total Electric Charges \$1,647.62**

(Continued on next page)

**Breakdown of Current Charges**



\*Credits are not shown on the chart

The total current charges include the following components. Definitions for these terms are shown on page 6 of your bill.

**Period: 01/06 - 02/04**

**Gas Charges**

Gas Service \$170.78

**Other Charges & Credits (Gas)**

Public Purpose Programs \$7.18  
Other \$.43

**Period: 01/06 - 02/04**

**Electric Charges**

Electricity Generation \$580.48  
Transmission \$233.30  
Distribution \$577.44  
Nuclear Decommissioning \$.54  
Competition Transition Charge \$8.20  
Local Generation Charge \$77.35  
Reliability Services \$.37

**Other Charges & Credits (Electric)**

Public Purpose Programs \$117.20  
DWR Bond Charge \$53.48  
DWR Revenue Adjustment -.74  
Other \$8.70

**Other Account Charges & Credits**

Other \$.81

**Total Current Charges \$1,833.90**





ACCOUNT NUMBER 8451 042 414 6

DATE DUE

Feb 21, 2020

DATE MAILED Feb 6, 2020

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sdge.com

*Detail of Current Charges - Continued***TAXES & FEES ON ELECTRIC CHARGES**

Amount (\$)

Franchise Fees on Electric Energy Supplied by Others	52.74 x 1.10%	.58
State Surcharge Tax	9,221 kWh x \$.000300	2.77
State Regulatory Fee	9,221 kWh x \$.000580	5.35

**Total Taxes & Fees on Electric Charges \$8.70****Total Electric Service \$1,656.32**

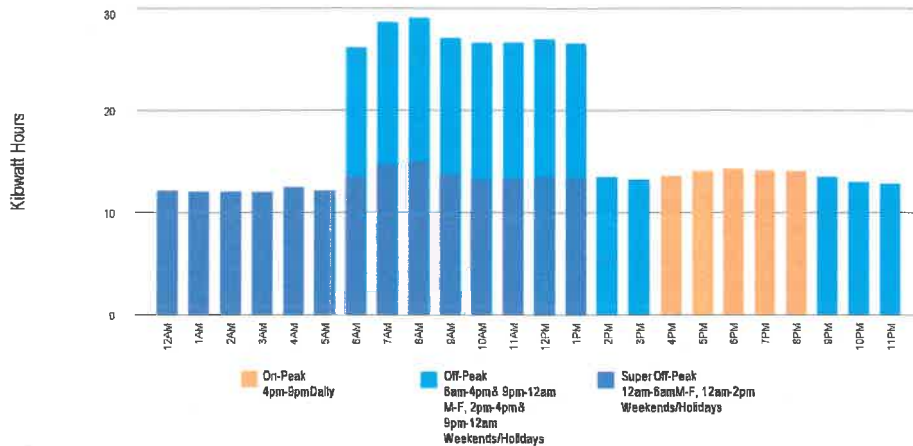


## Your Electricity Dashboard

\*Charts may not display if usage data is unavailable

**Period: 01/06 - 02/04**

### Average Hourly Electric Usage



For each day in the billing cycle, an hourly usage is calculated by peak. At the end of the bill cycle, hourly usage is averaged and displayed on the chart by peak.

### Highest Usage Hour

Highest Usage Hour (Demand) this month:

**27.5 kW on January 30, 2020 from 10:00am to 11:00am**

Demand is the highest amount of electricity used at a given point in time.

### Time of Use - Electricity

Winter	kWh	Nov 1 - Feb 29
On-Peak	2,039	4pm-9pm Daily
Off-Peak	4,179	8am-4pm & 9pm-12am M-F, 2pm-4pm & 9pm-12am Weekends/Holidays
Super Off	3,003	12am-8am M-F, 12am-2pm Weekends/Holidays
<b>Total</b>	<b>9,221</b>	







ACCOUNT NUMBER 8451 042 414 6  
SERVICE FOR  
RSF FIRE PROTECTION DISTRICT  
18040 CALLE AMBIENTE  
RANCHO SANTA FE, CA 92067

DATE MAILED Mar 9, 2020  
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## Account Summary

Previous Balance			\$1,833.90
Payment Received	02/21/20	THANK YOU	- 1,833.90
Current Charges			+ 1,940.98
<b>Total Amount Due</b>			<b>\$1,940.98</b>

.7% Delayed Payment Charge Due If Paid After Apr 3, 2020.

## Summary of Current Charges

(See page 2 for details)

	Billing Period	Usage	Amount(\$)
Gas	Feb 4, 2020 - Mar 5, 2020	129 Therms	125.39
Electric	Feb 4, 2020 - Mar 5, 2020	9,862 kWh	1,815.59
<b>Total Charges this Month</b>			<b>\$1,940.98</b>



### Time of Use Change This Bill Period:

Time-of-use periods changed for March and April of 2020. See Time-of-use chart for details.

## Regulatory Notices

- All customers are required to pay a Competition Transition Charge as part of the charges above, including those who choose an electric service provider other than SDG&E.

APV: <u>SR</u>	Vendor: <u>17</u>
Batch: <u>03/17/2020</u>	Voucher: <u>45434</u>
Exp #: <u>7320-001-04-0000-01</u>	
Dis Pd: <u>3/19/20</u>	CHEFT#: <u>32546</u>
<u>5</u> of <u>6</u>	

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DATE DUE Mar 24, 2020

AMOUNT DUE \$1,940.98

## Gas Usage History (Total therms used)



129

Therms used

4.3

Daily avg therms

6.0

Daily avg therms last month

51.7%

Change in daily avg therms from last year

28.3%

Change in daily avg therms from last month

30

Days in billing cycle

## Electric Usage History (Total kWh used)



9,862

kWh used

328.7

Daily avg kWh

318.0

Daily avg kWh last month

4.7%

Change in daily avg kWh from last year

3.4%

Change in daily avg kWh from last month

28.8

Max monthly demand

35.5

Max annual demand

30

Days in billing cycle

## Detail of Current Charges

### Gas Service

Rate: GN3-Commercial

Meter Number: 01426123 (Next scheduled read date Apr 6, 2020) Cycle: 4

Billing Period	Days	Current Reading	-	Previous Reading	=	Difference	x	Meter Constant	x	Therm Multiplier	=	Total Therms
02/04/20 - 03/05/20	30	8350		8225		125		1.000		1.032		129

### GAS CHARGES

Customer Charge Amount(\$)  
10.00

Gas Service (Details below) 129 Therms

	1000 Therms	1001 - 21,000 Therms	Over 21,000 Therms	
Therms used	129			
Rate/Therm	\$ .58040			
Charge	\$74.87			= 74.87



#### Gas Energy Rate Change This Billing Period:

There was a rate change on day 26 of your Billing Period. Therefore, your charges for the first 25 days were at Rate 1, and the remaining 5 days were at Rate 2.

Gas Energy Charge (Details below) 129 Therms

	Usage	
Therms used	129	
Rate/Therm	\$ .28035	
25 of 30 Days	\$30.14	= 30.14
Therms used	129	
Rate/Therm	\$ .22130	
5 of 30 Days	\$4.76	= 4.76

**Total Gas Charges \$119.77**

(Continued on next page)

### Important Phone Numbers



**1-800-336-SDGE (7343) English**

**1-800-311-SDGE (7343) Español**

**1-877-889-SDGE (7343) TTY**

M-F, 7am-8pm, Sat, 7am-6pm

For emergencies and to report outages, please call 24 hours a day,

7 days a week. **1-800-611-7343**

To locate underground cables & gas pipes, please call DigAlert,

Monday-Friday, 6am-7pm. **8-1-1**

To make a payment using your credit or debit card via a third party

vendor, call. **1-800-386-0067**

### Detail of Current Charges - Continued

TAXES & FEES ON GAS CHARGES		Amount (\$)
Public Purpose Program	129 Therms x \$.041050	5.30
State Regulatory Fee	129 Therms x \$.002470	.32
<b>Total Taxes &amp; Fees on Gas Charges</b>		<b>\$5.62</b>
<b>Total Gas Service</b>		<b>\$125.39</b>

### Electric Service

Rate: Time of Use - TOU-M-Commercial Climate Zone: Inland  
Billing Period: 2/4/20 - 3/5/20 Total Days: 30  
Meter Number: 06583683 (Next scheduled read date Apr 6, 2020) Cycle: 4  
Meter Constant: 80.000 Billing Voltage Level: Secondary  
Circuit: 1105 Block: 137A  
Total Usage: 9,862 (Usage based on interval data)

ELECTRIC CHARGES		Amount (\$)
Customer Charge		101.56

Electricity Delivery (Details below)		9,862 kWh	
WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak
kWh used	2,173	4,223	3,466
Rate/kWh	\$.09084	\$.09084	\$.09084
Charge	\$197.39	+ \$383.62	+ \$314.85 = 895.86

**Time of Use Change This Bill Period:**  
There was a time of use change on day 26 of your Billing Period. Therefore, your consumption for the first 25 days were aggregated on TOU 1, and the remaining 5 days were aggregated on TOU 2. See time-of-use chart for detail.

**Rate Change This Billing Period:**  
There was a rate change on day 26 of your Billing Period. Therefore, your charges for the first 25 days were at Rate 1, and the remaining 5 days were at Rate 2.

Winter Non-Coincident Demand	28.8 kW x \$2.50	72.00
DWR Bond Charge	9,862 kWh x \$.00580	57.20

Electricity Generation (Details below)		9,862 kWh	
WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak
kWh used	2,173	4,223	3,466
Rate/kWh	\$0.07978	\$0.07062	\$0.06026
Charge	\$173.36	+ \$298.23	+ \$208.86 = 680.45

DWR Revenue Adjustment	-79
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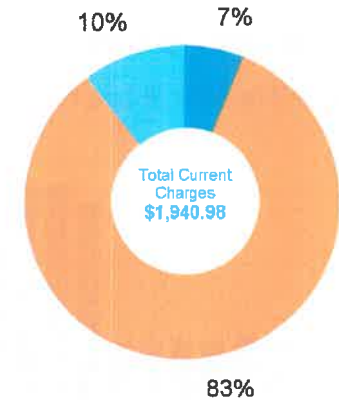
**Total Electric Charges \$1,806.28**

TAXES & FEES ON ELECTRIC CHARGES		Amount (\$)
Franchise Fees on Electric Energy Supplied by Others	56.41 x 1.10%	.63
State Surcharge Tax	9,862 kWh x \$.000300	2.96
State Regulatory Fee	9,862 kWh x \$.000580	5.72
<b>Total Taxes &amp; Fees on Electric Charges</b>		<b>\$9.31</b>

**Total Electric Service \$1,815.59**

**Total Current Charges \$1,940.98**

### Breakdown of Current Charges



The total current charges include the following components. Definitions for these terms are shown on page 5 of your bill.

#### Period: 02/04 - 03/05

#### Gas Charges

Gas Service	\$119.77
<b>Other Charges &amp; Credits (Gas)</b>	
Public Purpose Programs	\$5.30
Other	\$.32

#### Period: 02/04 - 03/05

#### Electric Charges

Electricity Generation	\$680.45
Transmission	\$249.51
Distribution	\$609.16
Nuclear Decommissioning	\$.50
Competition Transition Charge	\$9.27
Local Generation Charge	\$69.52
Reliability Services	\$.39

#### Other Charges & Credits (Electric)

Public Purpose Programs	\$131.07
DWR Bond Charge	\$57.20
DWR Revenue Adjustment	-\$79
Other	\$9.31

**Total Current Charges \$1,940.98**

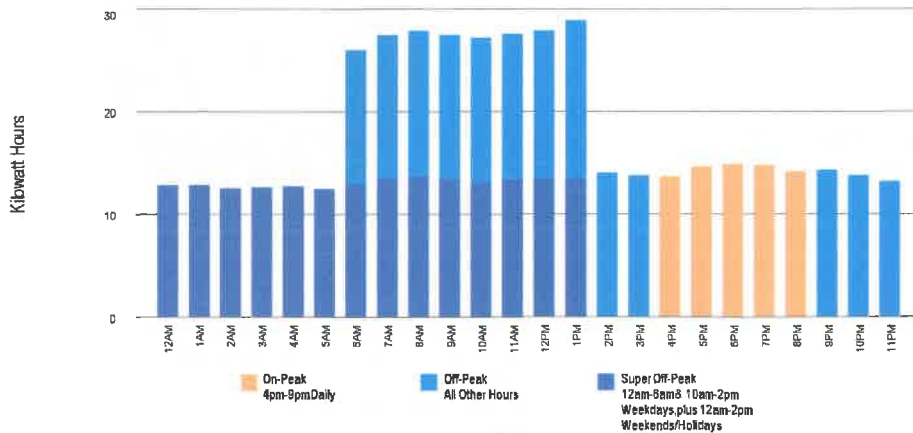


## Your Electricity Dashboard

\*Charts may not display if usage data is unavailable

Period: 02/04 - 03/05

### Average Hourly Electric Usage



For each day in the billing cycle, an hourly usage is calculated by peak. At the end of the bill cycle, hourly usage is averaged and displayed on the chart by peak.

### Highest Usage Hour

Highest Usage Hour (Demand) this month:

**28.8 kW on February 21, 2020 from 8:00am to 9:00am**

Demand is the highest amount of electricity used at a given point in time.

### Time of Use - Electricity

Winter	kWh	Nov 1 - Feb 29
On-Peak	1,823	4pm-9pm Daily
Off-Peak	3,702	8am-4pm & 9pm-12am M-F, 2pm-4pm & 9pm-12am Weekends/Holidays
Super Off	2,826	12am-5am M-F, 12am-2pm Weekends/Holidays
Total	8,351	
Winter	kWh	Mar 1 - Apr 30
On-Peak	350	4pm-9pm Daily
Off-Peak	521	All Other Hours
Super Off	640	12am-5am & 10am-2pm Weekdays, plus 12am-2pm Weekends/Holidays
Total	1,511	



ACCOUNT NUMBER 9901 468 085 2  
SERVICE FOR  
RANCHO SANTA FE FIRE DIST  
16930 FOUR GEE RD  
SAN DIEGO, CA 92127

DATE MAILED Feb 7, 2020  
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You may have rate options. Please call us at 1-800-336-7343(SDGE) or visit our website at [sdge.com](http://sdge.com).

## Account Summary

Previous Balance			\$2,111.47
Payment Received	01/23/20	THANK YOU	- 2,111.47
Current Charges			+ 1,781.70
<b>Total Amount Due</b>			<b>\$1,781.70</b>

.7% Delayed Payment Charge Due If Paid After Mar 3, 2020.

## Summary of Current Charges

(See page 2 for details)

	Billing Period	Usage	Amount(\$)
Gas	Jan 7, 2020 - Feb 5, 2020	236 Therms	236.55
Electric	Jan 7, 2020 - Feb 5, 2020	7,845 kWh	1,547.29
Policy Adjustment			-2.14
<b>Total Charges this Month</b>			<b>\$1,781.70</b>

## Regulatory Notices

- All customers are required to pay a Competition Transition Charge as part of the charges above, including those who choose an electric service provider other than SDG&E.

APV: 17 VENDOR: 17  
Batch: 02/1/2020 Voucher: 45256  
Exp #: 7320-001-02-0000-01  
Dte Pd: 2/14/20 CK/FF# 32431  
10 of 10

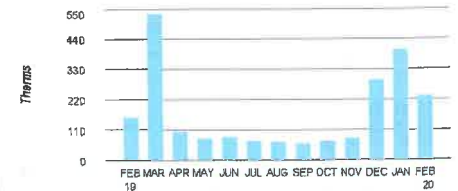


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DATE DUE Feb 22, 2020

AMOUNT DUE \$1,781.70

## Gas Usage History (Total therms used)



236

Therms used

8.1

Daily avg therms

12.2

Daily avg therms last month

50.0%

Change in daily avg therms from last year

33.6%

Change in daily avg therms from last month

29

Days in billing cycle

## Electric Usage History (Total kWh used)



7,845

kWh used

270.5

Daily avg kWh

263.8

Daily avg kWh last month

4.0%

Change in daily avg kWh from last year

2.5%

Change in daily avg kWh from last month

17.6

Max monthly demand

27.5

Max annual demand

29

Days in billing cycle

## Detail of Current Charges

### Gas Service

Rate: GN3-Commercial

Meter Number: 00930584 (Next scheduled read date Mar 9, 2020) Cycle: 5

Billing Period	Days	Current Reading	-	Previous Reading	=	Difference	x	Meter Constant	x	Therm Multiplier	=	Total Therms
01/07/20 - 02/05/20	29	95722		95494		228		1.000		1.034		236

### GAS CHARGES

Customer Charge Amount(\$)  
10.00

Gas Service (Details below) 236 Therms

	1000 Therms	1001 - 21,000 Therms	Over 21,000 Therms	
Therms used	236			
Rate/Therm	\$ .58040			
Charge	\$136.98			= 136.98



#### Gas Energy Rate Change This Billing Period:

There was a rate change on day 25 of your Billing Period. Therefore, your charges for the first 24 days were at Rate 1, and the remaining 5 days were at Rate 2.

Gas Energy Charge (Details below) 236 Therms

	Usage	
Therms used	236	
Rate/Therm	\$ .34761	
24 of 29 Days	\$67.89	= 67.89
Therms used	236	
Rate/Therm	\$ .28035	
5 of 29 Days	\$11.41	= 11.41

**Total Gas Charges \$226.28**

(Continued on next page)

### Important Phone Numbers



1-800-336-SDGE (7343) English  
1-800-311-SDGE (7343) Español  
1-877-889-SDGE (7343) TTY

M-F, 7am-8pm, Sat, 7am-6pm

For emergencies and to report outages, please call 24 hours a day, 7 days a week. **1-800-611-7343**

To locate underground cables & gas pipes, please call DigAlert, Monday-Friday, 6am-7pm. **8-1-1**

To make a payment using your credit or debit card via a third party vendor, call. **1-800-386-0067**





ACCOUNT NUMBER **9901 468 085 2**

DATE DUE

Feb 22, 2020

DATE MAILED Feb 7, 2020

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sdge.com

**Detail of Current Charges - Continued**

**TAXES & FEES ON GAS CHARGES**

		Amount (\$)
Public Purpose Program	236 Therms x \$.041050	9.69
State Regulatory Fee	236 Therms x \$.002470	.58
<b>Total Taxes &amp; Fees on Gas Charges</b>		<b>\$10.27</b>
<b>Total Gas Service</b>		<b>\$236.55</b>

**Electric Service**

Rate: Time of Use - TOU-A2-Commercial Climate Zone: Inland  
 Billing Period: 1/7/20 - 2/5/20 Total Days: 29  
 Meter Number: 06698064 (Next scheduled read date Mar 9, 2020) Cycle: 5  
 Meter Constant: 80.000 Billing Voltage Level: Secondary  
 Circuit: 1106 Your circuit is currently not subject to rotating outage.  
 However, this is subject to change without notice.  
 Total Usage: 7,845 (Usage based on interval data)

**ELECTRIC CHARGES**

	Amount (\$)
Customer Charge	185.57

**Electricity Delivery (Details below) 6,500 kWh**

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	1,413	3,081	2,006	
Rate/kWh	\$1.0384	\$1.0384	\$1.0384	
24 Day Charge	\$146.73	+ \$319.93	+ \$208.30	= 674.96

**Electricity Delivery (Details below) 1,345 kWh**

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	297	570	478	
Rate/kWh	\$1.0302	\$1.0302	\$1.0302	
5 Day Charge	\$30.60	+ \$58.72	+ \$49.24	= 138.56



**Rate Change This Billing Period:**

There was a rate change on day 25 of your Billing Period. Therefore, your charges for the first 24 days were at Rate 1, and the remaining 5 days were at Rate 2.

DWR Bond Charge	7,845 kWh x \$.00580	45.50
-----------------	----------------------	-------

**Electricity Generation (Details below) 6,500 kWh**

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	1,413	3,081	2,006	
Rate/kWh	\$0.7133	\$0.6312	\$0.5381	
24 Day Charge	\$100.79	+ \$194.47	+ \$107.94	= 403.20

**Electricity Generation (Details below) 1,345 kWh**

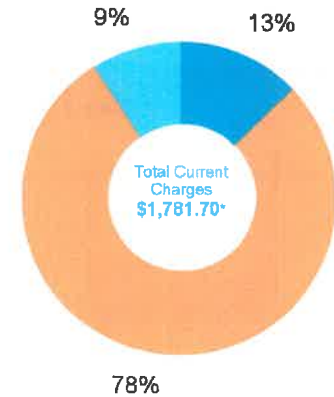
WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	297	570	478	
Rate/kWh	\$0.7977	\$0.7062	\$0.6025	
5 Day Charge	\$23.69	+ \$40.25	+ \$28.80	= 92.74

DWR Revenue Adjustment	-63
------------------------	-----

**Total Electric Charges \$1,539.90**

(Continued on next page)

**Breakdown of Current Charges**



\*Credits are not shown on the chart

The total current charges include the following components. Definitions for these terms are shown on page 6 of your bill.

**Period: 01/07 - 02/05**



**Gas Charges**

Gas Service	\$226.28
-------------	----------



**Other Charges & Credits (Gas)**

Public Purpose Programs	\$9.69
Other	\$5.8

**Period: 01/07 - 02/05**



**Electric Charges**

Electricity Generation	\$495.94
Transmission	\$198.47
Distribution	\$627.51
Nuclear Decommissioning	\$46
Competition Transition Charge	\$6.98
Local Generation Charge	\$65.51
Reliability Services	\$31



**Other Charges & Credits (Electric)**

Public Purpose Programs	\$99.85
DWR Bond Charge	\$45.50
DWR Revenue Adjustment	-\$63
Other	\$7.39



**Other Account Charges & Credits**

Other	-\$2.14
-------	---------

**Total Current Charges \$1,781.70**





ACCOUNT NUMBER 9901 468 085 2

DATE DUE

Feb 22, 2020

DATE MAILED Feb 7, 2020

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Page 4 of 8

*Detail of Current Charges - Continued*

**TAXES & FEES ON ELECTRIC CHARGES**

Amount (\$)

Franchise Fees on Electric Energy Supplied by Others	44.87 x 1.10%	.49
State Surcharge Tax	7,845 kWh x \$.000300	2.35
State Regulatory Fee	7,845 kWh x \$.000580	4.55

***Total Taxes & Fees on Electric Charges \$7.39***

***Total Electric Service \$1,547.29***

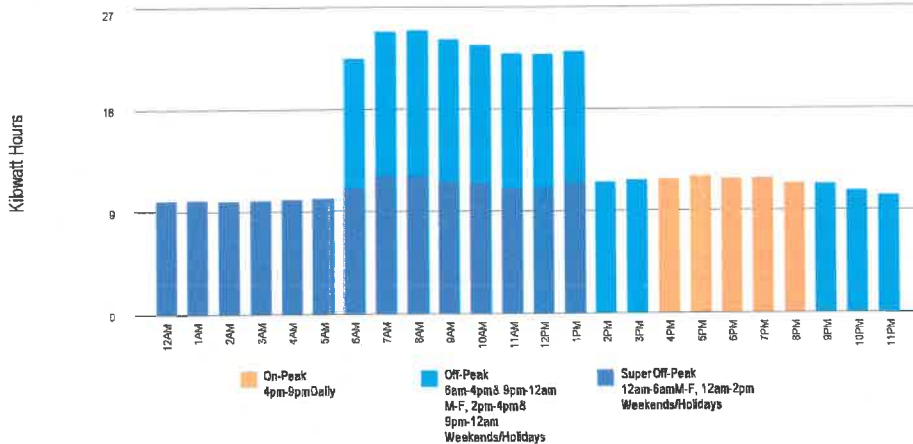


## Your Electricity Dashboard

\*Charts may not display if usage data is unavailable

Period: 01/07 - 02/05

### Average Hourly Electric Usage



For each day in the billing cycle, an hourly usage is calculated by peak. At the end of the bill cycle, hourly usage is averaged and displayed on the chart by peak.

### Highest Usage Hour

Highest Usage Hour (Demand) this month:

**17.6 kW on February 04, 2020 from 8:00am to 9:00am**

Demand is the highest amount of electricity used at a given point in time.

### Time of Use - Electricity

Winter	kWh	Nov 1 - Feb 29
On-Peak	1,710	4pm-9pm Daily
Off-Peak	3,651	8am-4pm & 9pm-12am M-F, 2pm-4pm & 9pm-12am Weekends/Holidays
Super Off	2,484	12am-6am M-F, 12am-2pm Weekends/Holidays
Total	7,845	



## Definitions

**California Climate Credit** - The state charges fees to reduce carbon pollution and increase the use of cleaner energy. These fees are returned to you as a credit. Households receive the electric credit twice a year and gas credit once a year. Small businesses receive the electric credit monthly. Visit [EnergyUpgradeCA.org/credit](http://EnergyUpgradeCA.org/credit) to learn more.

**City of San Diego Franchise Fee Differential** - A fee charged to SDG&E by the City of San Diego for the rights to operate within city streets.

**Climate Zone** - The CPUC established four Climatic Zones in California, based on annual average temperatures.

**Competition Transition Charge (CTC)** - Through this charge, SDG&E recovers costs for power plants and longterm power contracts approved by state regulators that have been made uneconomic by the shift to competition.

**Delivery** - Charges for the costs of owning, operating, and maintaining the transmission and distribution facilities to deliver power to customers.

**Distribution** - This line reflects charges to distribute power to customers. It includes power lines, poles, transformers, repair crews and emergency services.

**DWR Charges** - The Department of Water Resources (DWR) Bond Charge pays for bonds issued by DWR to cover the costs of purchasing power during the electricity crisis. All DWR charges, including the Cost Responsibility Surcharge component of DWR charges, are owned by DWR and not SDG&E. SDG&E collects charges for DWR as an agent of DWR.

**Electricity Generation Charge** - This charge is for the electricity you use and includes charges for the energy provided by both SDG&E and DWR. Electricity from DWR is owned by DWR, not SDG&E. If you purchase electricity from another supplier or buy electricity through SDG&E using hourly pricing, this charge appears only for informational purposes and will be offset by a credit.

**Franchise Fees for Electric Energy Supplied by Others** - This charge pays cities for the right to have transmission and distribution equipment (such as poles and wires) on city streets. This charge collects the franchise fee on the electricity purchased for you by DWR. The franchise fee on the electricity provided to you by SDG&E is included in the SDG&E Electricity Generation Charge.

**kWh (kilowatt hour)** - A common unit to measure electric energy consumption. A kWh equals 1,000 watts of electric power consumed for one hour of time.

**Local Generation Charge** - Recovers the costs associated with generation power suppliers that the CPUC has determined should be recovered from all benefiting customers.

**Maximum Annual Demand** - The highest Maximum Monthly Demand for the current and prior eleven billing periods.

**Maximum Monthly Demand** - The maximum demand during the current billing period.

**Nuclear Decommissioning** - This charge pays for the retirement of nuclear power plants.

**Public Purpose Programs** - This charge reflects the costs of certain state-mandated programs (such as low-income and energy efficiency programs).

**Reliability Services (RS)** - The Independent System Operator is required to ensure adequate generation to maintain electric system reliability. This means having enough generating facilities available to meet the demand for electricity at all times. The costs associated with this are passed on to SDG&E customers.

**State Regulatory Fee** - Charged to all utility users to pay for the California Public Utilities Commission (CPUC) operations.

**State Surcharge Tax** - Collected by the State of California for the conservation and development of energy resources in the state.

**Therm** - Unit of measurement for billing purposes, nominally 100,000 Btu.

**Therm Multiplier** - A therm multiplier is used to convert the heat content in natural gas (gas measured through the meter in cubic feet) into a billable unit, known as a therm. Cubic feet x therm multiplier = therms.

**Total Rate Adjustment Component (TRAC)** - This legislated charge is a conservation incentive. Customers with usage of less than 130% of baseline receive a subsidy credit. Customers with usage over 130% of baseline make up the difference and cover the cost of the subsidy.

**Transmission** - This charge pays for the delivery of high-voltage electricity from power plants to distribution points near your home or business. It includes the cost of high-voltage power lines and towers, as well as monitoring and control equipment.

## SDG&E Policies and Notices

**Electronic Check Processing** - When you pay your bill by check, you authorize us to electronically process your payment. If your check is processed electronically, your checking account may be debited on the same day we receive the check. Your check will not be returned by your bank, however, the transaction will appear on your bank statement. **If you do not wish to participate in this program, please have your account number ready and call 1-866-534-5152.**

**Rates & Rules** - SDG&E's rate schedules and rules, on file and approved by the CPUC, are available on the Internet at [www.sdge.com](http://www.sdge.com). Copies of applicable tariffs may also be obtained by calling 1-800-411-SDGE (7343) or visiting any company bill payment office.

**Pay Before Date / Disconnection Policy** - Your SDG&E bill is due and payable upon presentation and is past due if not paid within 15 days of the date mailed. If your payment has not been received by the "Due Date" shown on your bill, your SDG&E service is subject to disconnection, after proper notice has been provided. If your service is disconnected for non-payment, there may be additional service charges and you will be required to pay all past due SDG&E amounts before service is restored. Your SDG&E service could also be disconnected if the information provided on your application for service is false, incomplete or inaccurate. SDG&E will disconnect your services only for non-payment of those charges owed SDG&E.

If you are unable to pay your SDG&E bill in full due to a temporary financial hardship or due to a serious illness in the household, you need to call SDG&E before the expiration of

this notice. Employees, including multilingual staff, are available to assist with payment arrangements.

If SDG&E fails to offer you payment arrangements, you may write to the Consumer Affairs Branch of the California Public Utilities Commission (CPUC), State Office Building, 505 Van Ness Avenue, Room 2003, San Francisco, CA 94102, phone: 800-649-7570, email: [consumer-affairs@cpuc.ca.gov](mailto:consumer-affairs@cpuc.ca.gov), prior to disconnection of your SDG&E service. The Consumer Affairs Branch will review the complaint and issue its proposed resolution to you and SDG&E. If you are not satisfied, you may appeal the proposed resolution by filing a formal complaint. A more detailed explanation of disconnection policies, including your rights as an SDG&E customer, may be obtained by calling 1-800-411-SDGE (7343), or e-mail: [info@sdge.com](mailto:info@sdge.com).

**Disputed Bills / Service Complaints** - If you believe there is an error on your bill or have a question about your service, please call SDG&E customer support at 1-800-411-SDGE (7343). If you are not satisfied with SDG&E's response, submit a complaint to the California Public Utilities Commission (CPUC) at [www.cpuc.ca.gov/complaints/](http://www.cpuc.ca.gov/complaints/). Billing and service complaints are handled by the CPUC's Consumer Affairs Branch (CAB), 505 Van Ness Ave, Room 2003, San Francisco, CA 94102, phone: 1-800-649-7570.

If you have limitations hearing or speaking, dial 711 to reach the California Relay Service, which is for those needing assistance relaying telephone conversations. Dial one of the numbers below to be routed to a California Relay Service provider in your preferred mode of communication.

### California Relay Service Phone Numbers:

Type of Call	Toll-Free Number
TTY/CO/HCO to Voice	1-800-735-2929 English 1-800-855-3000 Spanish
Voice to TTY/CO/HCO	1-800-735-2922 English 1-800-855-3000 Spanish
Speech to Speech	1-800-854-7784

To avoid having service turned off while waiting for the outcome of a complaint to the CPUC **specifically regarding the accuracy of your bill**, please contact CAB for assistance. If your case meets the eligibility criteria, CAB will provide you instructions on how to mail a check or money order to be impounded pending resolution of your case. You must continue to pay your current charges while your complaint is under review to keep your service turned on.

**Re-Establishment of Credit / Deposit** - If your SDG&E bill becomes past due and a written notice for disconnection is mailed, you may be required to re-establish your credit by paying a deposit.

**Large Font Bill** - You can sign-up to receive a large font bill by calling SDG&E at 1-800-411-SDGE (7343).



ACCOUNT NUMBER 9901 468 085 2  
SERVICE FOR  
RANCHO SANTA FE FIRE DIST  
16930 FOUR GEE RD  
SAN DIEGO, CA 92127

DATE MAILED Mar 10, 2020  
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Page 1 of 7

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## Account Summary

Previous Balance			\$1,781.70
Payment Received	02/21/20	THANK YOU	- 1,781.70
Current Charges			+ 1,917.17
<b>Total Amount Due</b>			<b>\$1,917.17</b>

7% Delayed Payment Charge Due If Paid After Apr 4, 2020.

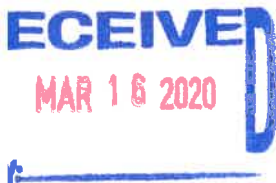
## Summary of Current Charges

(See page 2 for details)

	Billing Period	Usage	Amount(\$)
Gas	Feb 5, 2020 - Mar 8, 2020	185 Therms	174.56
Electric	Feb 5, 2020 - Mar 8, 2020	8,721 kWh	1,742.61
<b>Total Charges this Month</b>			<b>\$1,917.17</b>

## Regulatory Notices

- All customers are required to pay a Competition Transition Charge as part of the charges above, including those who choose an electric service provider other than SDG&E.



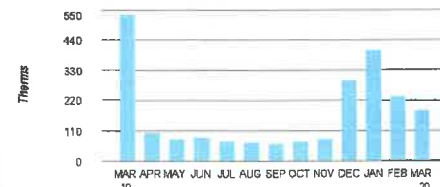
APV:                      Vendor: 17  
Batch: 03/17/2020 Voucher: 45435  
Exp #: 7320-001-02-0000-01  
Dte Pd: 3/19/20 CNEFT#: 32546  
6 of 6

PLEASE KEEP THIS PORTION FOR YOUR RECORDS. (FAVOR DE GUARDAR ESTA PARTE PARA SUS REGISTROS.)

DATE DUE Mar 25, 2020

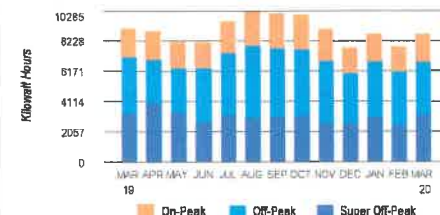
AMOUNT DUE \$1,917.17

## Gas Usage History (Total therms used)



**185** Therms used  
**5.8** Daily avg therms  
**8.1** Daily avg therms last month  
**87.4%** Change in daily avg therms from last year  
**28.4%** Change in daily avg therms from last month  
**32** Days in billing cycle

## Electric Usage History (Total kWh used)



**8,721** kWh used  
**272.5** Daily avg kWh  
**270.5** Daily avg kWh last month  
**10.3%** Change in daily avg kWh from last year  
**0.7%** Change in daily avg kWh from last month  
**18.6** Max monthly demand  
**27.5** Max annual demand  
**32** Days in billing cycle

ACCOUNT NUMBER **9901 468 085 2**

DATE DUE

Mar 25, 2020

DATE MAILED Mar 10, 2020

Page 2 of 7

sdge.com

**Detail of Current Charges****Gas Service**

Rate: GN3-Commercial

Meter Number: 00930584 (Next scheduled read date Apr 7, 2020) Cycle: 5

Billing Period	Days	Current Reading	Previous Reading	= Difference	x Meter Constant	x Therm Multiplier	= Total Therms
02/05/20 - 03/08/20	32	95901	95722	179	1.000	1.032	185

**GAS CHARGES**Customer Charge Amount(\$) 10.00

Gas Service (Details below) 185 Therms

	1000 Therms	1001 - 21,000 Therms	Over 21,000 Therms	
Therms used	185			
Rate/Therm	\$ .58040			
Charge	\$107.37			= 107.37

**Gas Energy Rate Change This Billing Period:**  
 There was a rate change on day 25 of your Billing Period. Therefore, your charges for the first 24 days were at Rate 1, and the remaining 8 days were at Rate 2.

Gas Energy Charge (Details below) 185 Therms

	Usage	
Therms used	185	
Rate/Therm	\$ .28035	
24 of 32 Days	\$38.90	= 38.90
Therms used	185	
Rate/Therm	\$ .22130	
8 of 32 Days	\$10.24	= 10.24

**Total Gas Charges \$166.51**

(Continued on next page)

**Important Phone Numbers****1-800-336-SDGE (7343) English****1-800-311-SDGE (7343) Español****1-877-889-SDGE (7343) TTY**

M-F, 7am-8pm, Sat, 7am-6pm

For emergencies and to report outages, please call 24 hours a day, 7 days a week. . . . . **1-800-811-7343**

To locate underground cables & gas pipes, please call DigAlert, Monday-Friday, 6am-7pm. . . . . **8-1-1**

To make a payment using your credit or debit card via a third party vendor, call. . . . . **1-800-386-0067**

Detail of Current Charges - Continued

**TAXES & FEES ON GAS CHARGES**

		Amount (\$)
Public Purpose Program	185 Therms x \$.041050	7.59
State Regulatory Fee	185 Therms x \$.002470	.46

**Total Taxes & Fees on Gas Charges \$8.05**

**Total Gas Service \$174.56**

**Electric Service**

Rate: Time of Use - TOU-A2-Commercial Climate Zone: Inland  
 Billing Period: 2/5/20 - 3/8/20 Total Days: 32  
 Meter Number: 06698064 (Next scheduled read date Apr 7, 2020) Cycle: 5  
 Meter Constant: 80.000 Billing Voltage Level: Secondary  
 Circuit: 1106 Your circuit is currently not subject to rotating outage.  
 However, this is subject to change without notice.  
 Total Usage: 8,721 (Usage based on interval data)

**ELECTRIC CHARGES**

	Amount (\$)
Customer Charge	185.57

Electricity Delivery (Details below) 8,721 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	1,925	3,614	3,182	
Rate/kWh	\$1.0302	\$1.0302	\$1.0302	
Charge	\$198.31	+ \$372.32	+ \$327.81	= 898.44



**Rate Change This Billing Period:**

There was a rate change on day 25 of your Billing Period. Therefore, your charges for the first 24 days were at Rate 1, and the remaining 8 days were at Rate 2.

DWR Bond Charge 8,721 kWh x \$.00580 50.58

Electricity Generation (Details below) 8,721 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	1,925	3,614	3,182	
Rate/kWh	\$.07977	\$.07062	\$.06025	
Charge	\$153.56	+ \$255.22	+ \$191.71	= 600.49

DWR Revenue Adjustment - .70

**Total Electric Charges \$1,734.38**

**TAXES & FEES ON ELECTRIC CHARGES**

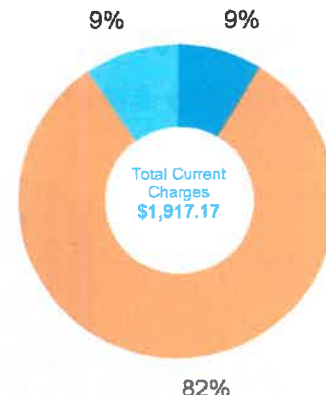
	Amount (\$)
Franchise Fees on Electric Energy Supplied by Others	49.88 x 1.10% .55
State Surcharge Tax	8,721 kWh x \$.000300 2.62
State Regulatory Fee	8,721 kWh x \$.000580 5.06

**Total Taxes & Fees on Electric Charges \$8.23**

**Total Electric Service \$1,742.61**

**Total Current Charges \$1,917.17**

**Breakdown of Current Charges**



The total current charges include the following components. Definitions for these terms are shown on page 5 of your bill.

**Period: 02/05 - 03/08**



**Gas Charges**

Gas Service \$166.51



**Other Charges & Credits (Gas)**

Public Purpose Programs \$7.59  
 Other \$.46

**Period: 02/05 - 03/08**



**Electric Charges**

Electricity Generation \$600.49  
 Transmission \$220.65  
 Distribution \$676.99  
 Nuclear Decommissioning \$.44  
 Competition Transition Charge \$8.19  
 Local Generation Charge \$61.48  
 Reliability Services \$.36



**Other Charges & Credits (Electric)**

Public Purpose Programs \$115.90  
 DWR Bond Charge \$50.58  
 DWR Revenue Adjustment -.70  
 Other \$8.23

**Total Current Charges \$1,917.17**



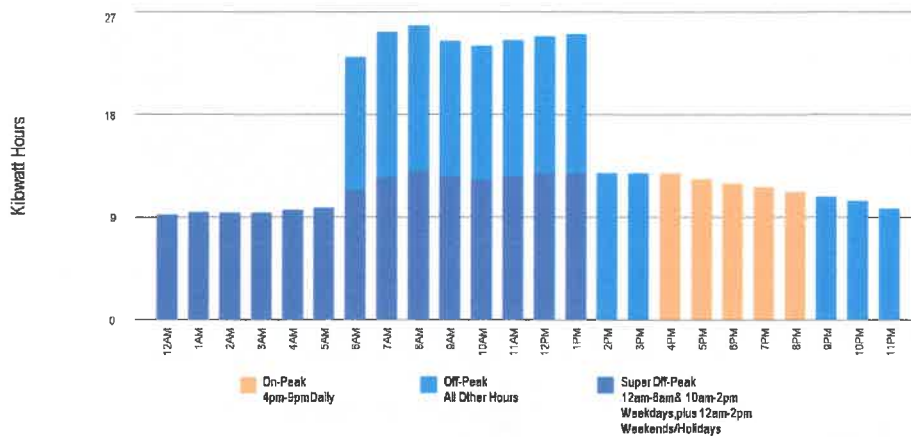


## Your Electricity Dashboard

\*Charts may not display if usage data is unavailable

Period: 02/05 - 03/08

### Average Hourly Electric Usage



For each day in the billing cycle, an hourly usage is calculated by peak. At the end of the bill cycle, hourly usage is averaged and displayed on the chart by peak.

### Highest Usage Hour

Highest Usage Hour (Demand) this month:

**18.6 kW on February 29, 2020 from 2:00pm to 3:00pm**

Demand is the highest amount of electricity used at a given point in time.

### Time of Use - Electricity

Winter	kWh	Mar 1 - Apr 30
On-Peak	1,925	4pm-9pm Daily
Off-Peak	3,614	All Other Hours
Super Off	3,182	12am-8am & 10am-2pm Weekdays plus 12am-2pm Weekends/Holidays
<b>Total</b>	<b>8,721</b>	

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## Account Summary

Previous Balance			\$1,917.17
Payment Received	03/23/20	THANK YOU	- 1,917.17
Current Charges			+ 1,701.44
<b>Total Amount Due</b>			<b>\$1,701.44</b>

## Summary of Current Charges

(See page 2 for details)

	Billing Period	Usage	Amount(\$)
Gas	Mar 8, 2020 - Apr 6, 2020	149 Therms	135.15
Electric	Mar 8, 2020 - Apr 6, 2020	7,824 kWh	1,566.29
<b>Total Charges this Month</b>			<b>\$1,701.44</b>

## Regulatory Notices

- All customers are required to pay a Competition Transition Charge as part of the charges above, including those who choose an electric service provider other than SDG&E.

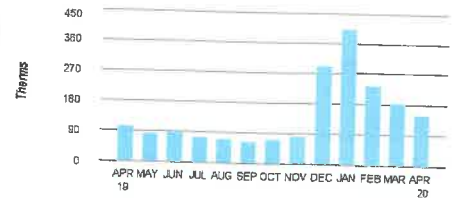
**RECEIVED**  
APR 14 2020  
BY: \_\_\_\_\_

APV:                      Vendor: 17  
Batch: 04/14/2020 Voucher: 45629  
Exp #: 7320-001-02-0000-01  
Ute Pd: 4/16/20 CNEFT#: 3241  
5 of 6

**DATE DUE** Apr 23, 2020

**AMOUNT DUE** \$1,701.44

## Gas Usage History (Total therms used)



**149**

**Therms used**

**5.1**

Daily avg therms

**5.8**

Daily avg therms last month

**50.0%**

Change in daily avg therms from last year

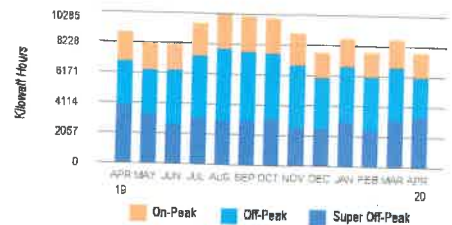
**12.1%**

Change in daily avg therms from last month

**29**

Days in billing cycle

## Electric Usage History (Total kWh used)



**7,824**

**kWh used**

**269.8**

Daily avg kWh

**272.5**

Daily avg kWh last month

**6.3%**

Change in daily avg kWh from last year

**1.0%**

Change in daily avg kWh from last month

**17.9**

Max monthly demand

**27.5**

Max annual demand

**29**

Days in billing cycle



ACCOUNT NUMBER 9901 468 085 2  
DATE DUE  
Apr 23, 2020

DATE MAILED Apr 8, 2020  
sdge.com  
Page 2 of 8

## Detail of Current Charges

### Gas Service

Rate: GN3-Commercial

Meter Number: 00930584 (Next scheduled read date May 7, 2020) Cycle: 5

Billing Period	Days	Current Reading	-	Previous Reading	=	Difference	x	Meter Constant	x	Therm Multiplier	=	Total Therms
03/08/20 - 04/06/20	29	96046		95901		145		1.000		1.030		149

### GAS CHARGES

Amount(\$)



#### Gas Service Rate Change This Billing Period:

There was a rate change on day 24 of your Billing Period. Therefore, your charges for the first 23 days were at Rate 1, and the remaining 6 days were at Rate 2.

Customer Charge

10.00

Gas Service (Details below)

149 Therms

	1000 Therms	1001 - 21,000 Therms	Over 21,000 Therms	
Therms used	149			
Rate/Therm	\$58.040			
23 of 29 Days	\$68.59			= 68.59
Therms used	149			
Rate/Therm	\$57.238			
6 of 29 Days	\$17.65			= 17.65



#### Gas Energy Rate Change This Billing Period:

There was a rate change on day 24 of your Billing Period. Therefore, your charges for the first 23 days were at Rate 1, and the remaining 6 days were at Rate 2.

(Continued on next page)

### Important Phone Numbers



1-800-336-SDGE (7343) English  
1-800-311-SDGE (7343) Español  
1-877-889-SDGE (7343) TTY

M-F, 7am-8pm, Sat, 7am-6pm

For emergencies and to report outages, please call 24 hours a day, 7 days a week. **1-800-611-7343**

To locate underground cables & gas pipes, please call DigAlert, Monday-Friday, 6am-7pm. **8-1-1**

To make a payment using your credit or debit card via a third party vendor, call. **1-800-386-0067**



### Detail of Current Charges - Continued

#### Gas Energy Charge (Details below) 149 Therms

	Usage		
Therms used	149		
Rate/Therm	\$ .22130		
23 of 29 Days	\$26.15	=	26.15
Therms used	149		
Rate/Therm	\$ .20327		
6 of 29 Days	\$6.27	=	6.27

**Total Gas Charges \$128.66**

#### TAXES & FEES ON GAS CHARGES

		Amount (\$)
Public Purpose Program	149 Therms x \$.041050	6.12
State Regulatory Fee	149 Therms x \$.002470	.37
<b>Total Taxes &amp; Fees on Gas Charges</b>		<b>\$6.49</b>

**Total Gas Service \$135.15**

### Electric Service

Rate: Time of Use - TOU-A2-Commercial Climate Zone: Inland

Billing Period: 3/8/20 - 4/6/20 Total Days: 29  
Meter Number: 06698064 (Next scheduled read date May 7, 2020) Cycle: 5  
Meter Constant: 80.000 Billing Voltage Level: Secondary  
Circuit: 1106 Your circuit is currently not subject to rotating outage.  
However, this is subject to change without notice.  
Total Usage: 7,824 (Usage based on interval data)

#### ELECTRIC CHARGES

	Amount (\$)
Customer Charge	185.57

#### Electricity Delivery (Details below) 6,224 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	1,361	2,128	2,735	
Rate/kWh	\$ .10302	\$ .10302	\$ .10302	
23 Day Charge	\$140.21	+ \$219.23	+ \$281.76	= 641.20

#### Electricity Delivery (Details below) 1,600 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	355	523	722	
Rate/kWh	\$ .10438	\$ .10438	\$ .10438	
6 Day Charge	\$37.05	+ \$54.59	+ \$75.36	= 167.00



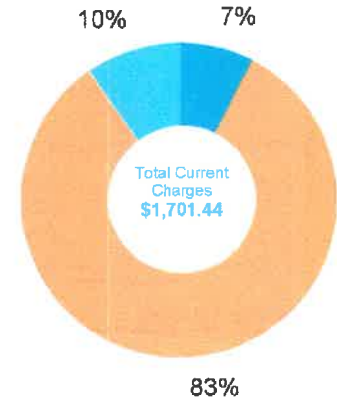
#### Rate Change This Billing Period:

There was a rate change on day 24 of your Billing Period. Therefore, your charges for the first 23 days were at Rate 1, and the remaining 6 days were at Rate 2.

DWR Bond Charge 7,824 kWh x \$.00580 45.38

(Continued on next page)

### Breakdown of Current Charges



The total current charges include the following components. Definitions for these terms are shown on page 6 of your bill.

Period: 03/08 - 04/06



#### Gas Charges

Gas Service \$128.66



#### Other Charges & Credits (Gas)

Public Purpose Programs \$6.12  
Other \$3.7

Period: 03/08 - 04/06



#### Electric Charges

Electricity Generation \$520.39  
Transmission \$197.95  
Distribution \$626.51  
Nuclear Decommissioning \$.39  
Competition Transition Charge \$7.35  
Local Generation Charge \$55.16  
Reliability Services \$.31



#### Other Charges & Credits (Electric)

Public Purpose Programs \$106.10  
DWR Bond Charge \$45.38  
DWR Revenue Adjustment \$.63  
Other \$7.38

**Total Current Charges \$1,701.44**



### Detail of Current Charges - Continued

#### Electricity Generation (Details below) 6,224 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	1,361	2,128	2,735	
Rate/kWh	\$0.07977	\$0.07062	\$0.06025	
23 Day Charge	\$108.57	+ \$150.28	+ \$164.78	= 423.63

#### Electricity Generation (Details below) 1,600 kWh

WINTER USAGE	On-Peak	Off-Peak	Super Off-Peak	
kWh used	355	523	722	
Rate/kWh	\$0.07102	\$0.06285	\$0.05357	
6 Day Charge	\$25.21	+ \$32.87	+ \$38.68	= 96.76

DWR Revenue Adjustment - .63

**Total Electric Charges \$1,558.91**

#### TAXES & FEES ON ELECTRIC CHARGES

	Amount (\$)
Franchise Fees on Electric Energy Supplied by Others 44.75 x 1.10%	.49
State Surcharge Tax 7,824 kWh x \$.000300	2.35
State Regulatory Fee 7,824 kWh x \$.000580	4.54

**Total Taxes & Fees on Electric Charges \$7.38**

**Total Electric Service \$1,566.29**

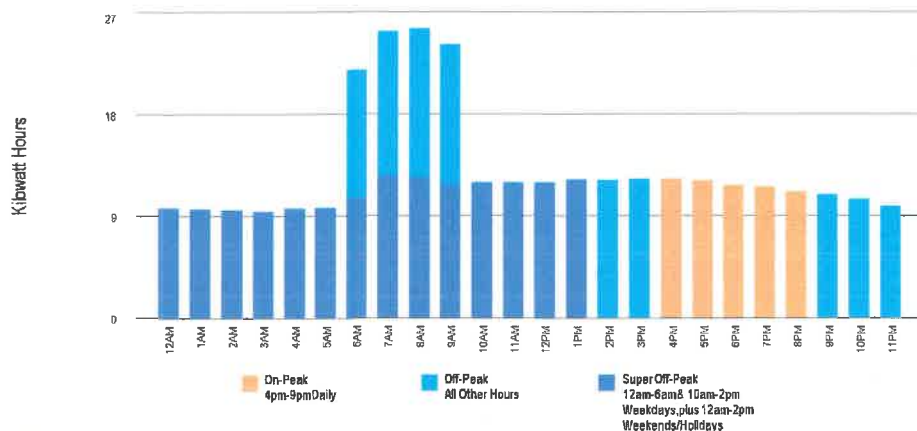
**Total Current Charges \$1,701.44**

## Your Electricity Dashboard

\*Charts may not display if usage data is unavailable

Period: 03/08 - 04/06

### Average Hourly Electric Usage



For each day in the billing cycle, an hourly usage is calculated by peak. At the end of the bill cycle, hourly usage is averaged and displayed on the chart by peak.

### Highest Usage Hour

Highest Usage Hour (Demand) this month:

17.9 kW on March 11, 2020 from 11:00am to 12:00pm

Demand is the highest amount of electricity used at a given point in time.

### Time of Use - Electricity

Winter	kWh	Mar 1 - Apr 30
On-Peak	1,716	4pm-9pm Daily
Off-Peak	2,651	All Other Hours
Super Off	3,457	12am-6am & 10am-2pm Weekdays plus 12am-2pm Weekends/Holidays
<b>Total</b>	<b>7,824</b>	

