



City Council Staff Report

DATE: September 21, 2016 CONSENT CALENDAR

SUBJECT: AUTHORIZATION OF PAYMENT TO SOUTHERN CALIFORNIA EDISON
IN THE AMOUNT OF \$69,579.93 FOR UTILITY UPGRADES AT THE
WASTEWATER TREATMENT PLANT ASSOCIATED WITH THE SOLAR
PHOTOVOLTAIC SYSTEM

FROM: David H. Ready, City Manager

BY: Public Works and Engineering Department

SUMMARY

This action will authorize payment to Southern California Edison ("SCE") in the amount of \$69,579.93 to upgrade the existing SCE transformer serving the City's Wastewater Treatment Plant ("WWTP").

RECOMMENDATION:

Authorize payment to Southern California Edison in the amount of \$69,579.93 to upgrade the existing SCE transformer serving the City's Wastewater Treatment Plant.

BACKGROUND:

On October 7, 2015, the City Council adopted Resolution 23905 authorizing the City Manager to enter into certain infrastructure financing agreements and associated contracts with SolarCity Corporation for the design and construction of a 1,110.42 kW solar PV system capable of initially producing a total of 2,442,616 kWh, which offsets 88% of the typical annual electric load at the WWTP of 2,773,670 kWh.

The layout for the WWTP Solar PV System is an array of ground-mount solar PV modules as shown in Figure 1:

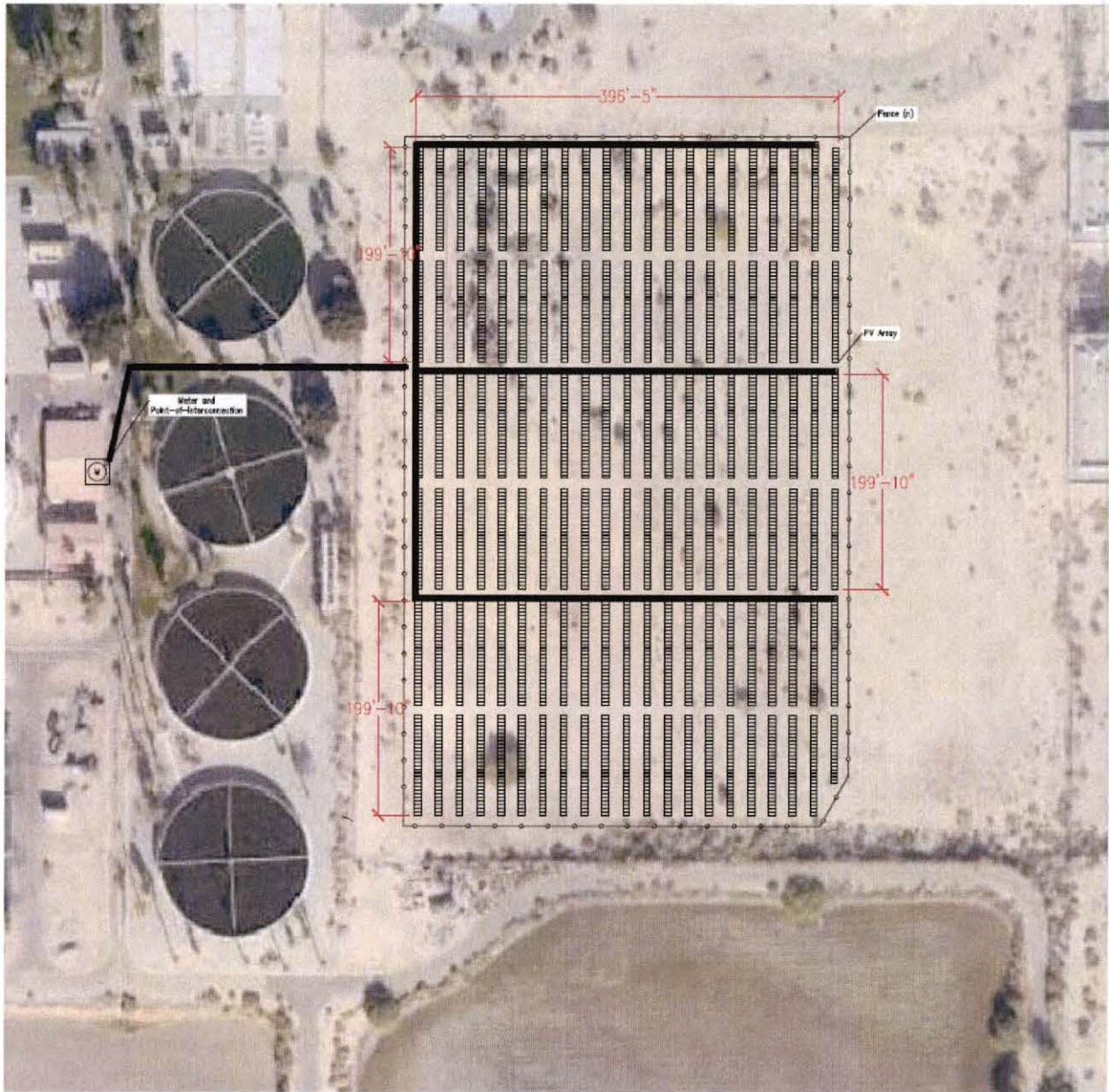


Figure 1
WWTP Solar PV System

Agreements were subsequently executed with SolarCity Corporation, and final design has been completed. As a part of the final design, coordination with SCE is required to receive approval for an interconnection for the solar power generated by the system. In its review of the solar interconnection, SCE has reviewed its existing utility infrastructure, and determined that the existing 500 kVa electrical transformer will need to be upgraded to a larger 1000 kVa transformer so that the transformer size accommodates the solar system size of 1,110 kW.

SCE has submitted a request for payment via Invoice #252904 in the amount of \$69,579.93 for costs associated to upgrade the existing transformer and related SCE facilities. These utility upgrades were not a part of the scope of work being provided by SolarCity Corporation. A copy of SCE's Invoice #252904 is included as **Attachment 1**.

ENVIRONMENTAL IMPACT:

Construction of the WWTP Solar PV System is considered a "Project" as defined by California Environmental Quality Act ("CEQA"). Pursuant to Section 15378(a) of Title 14 of the California Code of Regulations, (the "CEQA Guidelines"), a "Project" means the whole of an action, which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment, and that is (1) an activity directly undertaken by any public agency including but not limited to public works construction and related activities, clearing or grading of land, improvements to existing public structures, etc.

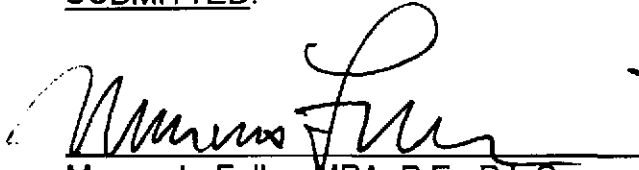
Section 21084 of the California Public Resources Code requires Guidelines for Implementation of CEQA. The Guidelines are required to include a list of classes of projects which have been determined not to have a significant effect on the environment and which are exempt from the provisions of CEQA. In response to that mandate, the Secretary for Resources identified classes of projects that do not have a significant effect on the environment, and are declared to be categorically exempt from the requirement for the preparation of environmental documents.

The WWTP Solar PV System is proposed to be installed on 5 acres of currently vacant land surrounding by urban uses located within the City's Wastewater Treatment Plant, consistent with the applicable general plan designation and all applicable general plan policies, applicable zoning designation and regulations, on a project site that has no value as habitat for endangered, rare, or threatened species, and would not result in any significant effects relating to traffic, noise, air quality or water quality. Pursuant to California Public Resources Code 21084, and Section 15332 of the CEQA Guidelines, the WWTP Solar PV System is considered an "In-Fill Development Project," defined as a Class 32 Categorical Exemption, and construction of the WWTP Solar PV System is considered Categorically Exempt from CEQA. On October 7, 2015, the City Council adopted Resolution No. 23905 approving and ordering the filing of a CEQA Notice of Exemption for the WWTP Solar PV System.

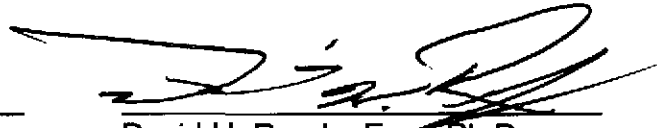
FISCAL IMPACT:

All costs associated with the WWTP Solar PV System are budgeted from the Wastewater Fund (Fund 420); sufficient funding is available in Account No. 420-6800-57040 (Solar PV System).

SUBMITTED:



Marcus L. Fuller, MPA, P.E., P.L.S.
Assistant City Manager/City Engineer



David H. Ready, Esq., Ph.D
City Manager

Attachments:

- 1) SCE Invoice

ATTACHMENT 1



An EDISON INTERNATIONAL Company
Southern California Edison Company

PO BOX 2743
PALM SPRINGS CA 92263 2743

Document #	7590050322
Invoice #	252904
Invoice Term:	90 Days
Customer Name:	PALM SPRINGS, CITY OF
Customer Email:	MARCUS.FULLER@PALMSPRINGSCA.GOV
Invoice Date:	08/30/2016
SCE Contact:	Kristina Rae Burton
Telephone:	(760)-202-4286
Install - Billing Option:	
District Address:	36100 CATHEDRAL CANYON DRIVE CATHEDRAL

Description	Amount																								
Service Request Number: 2126576 Project Description: TDU 159268/4375 MESQUITE PMP2, PS/RELOCATE FACILITIES MAT Project Location: 4375 MESQUITE PALM SPRINGS CA 92264																									
Design #: 833758 Design Description: 4375 MESQUITE PMP2, PS/NEM OVERLOADED TRANSFORMER AND CABLE Product #: 1159268 - RELOCATE FACILITIES																									
LABOR: This amount represents the total SCE labor required to complete the work request. In most cases, this labor amount will consist of construction labor and any additional labor required for completing the work request. The construction labor amount will typically consist of installation and service labor required for the work request. The additional labor amount will typically consist of labor for inspection, cable and equipment make-up, dead ending, traffic control, grounding, supervision, and switching. All applicable labor related overheads for items such as the design, engineering, and project management are also included in the total SCE labor amount.	\$6,218.02																								
MATERIAL: This amount represents the total SCE material required to complete the work request. In most cases, this material amount will consist of construction material and any additional material required for completing the work request. The construction material will typically consist of installation and service material such as transformers, cable, conductor, poles, meters, riser, switches, fusing equipment, handholes, and cross-arms. All applicable material related overheads are also included in the total SCE material amount.	\$29,082.98																								
OTHER: This amount represents the total SCE other costs required to complete the work request. In most cases, this other amount will consist of all additional requirements needed for completing the work request. This other amount typically consists of items such as Added Facilities one time charges, contractor work, rights check, and permits.	\$26,895.05																								
TOTAL LABOR, MATERIAL, OTHER:	\$62,196.05																								
CREDITS: This amount represents the total SCE credits required to complete the work request. In most cases, this credit amount will consist of: <table border="0" style="width: 100%;"> <tr> <td>Salvage Credit</td> <td>Depreciation Credit</td> <td>JPA Credit</td> <td>Overhead Equivalent Credit</td> <td></td> </tr> </table>	Salvage Credit	Depreciation Credit	JPA Credit	Overhead Equivalent Credit		\$0.00																			
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NET CONSTRUCTION BILLING/RELOCATION ADVANCE:	\$62,196.05																								
TAX: <table border="0" style="width: 100%;"> <tr> <td style="width: 5%;">1. HCC on Applicant Furnished</td> <td style="width: 45%;">Tax Base (Taxable Amount):</td> <td style="width: 15%;">\$0.00</td> <td style="width: 35%;"></td> </tr> <tr> <td></td> <td>Tax Rate:</td> <td>22.00%</td> <td></td> </tr> <tr> <td></td> <td>Tax Amount:</td> <td>\$0.00</td> <td></td> </tr> <tr> <td>2. ITCC on Net Construction (Less Non Taxable Amount)</td> <td>Tax Base (Taxable Amount):</td> <td>\$33,563.05</td> <td></td> </tr> <tr> <td></td> <td>Tax Rate:</td> <td>22.00%</td> <td></td> </tr> <tr> <td></td> <td>Tax Amount:</td> <td>\$7,383.87</td> <td></td> </tr> </table>	1. HCC on Applicant Furnished	Tax Base (Taxable Amount):	\$0.00			Tax Rate:	22.00%			Tax Amount:	\$0.00		2. ITCC on Net Construction (Less Non Taxable Amount)	Tax Base (Taxable Amount):	\$33,563.05			Tax Rate:	22.00%			Tax Amount:	\$7,383.87		
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DEPOSITS: <table border="0" style="width: 100%;"> <tr> <td style="width: 80%;">Preliminary Design & Engineering Advance</td> <td style="width: 20%;">\$0.00</td> </tr> <tr> <td>Previous Payment</td> <td>\$0.00</td> </tr> </table>	Preliminary Design & Engineering Advance	\$0.00	Previous Payment	\$0.00																					
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COMMENTS: <ul style="list-style-type: none"> * Enclosed are two copies of your invoice. Please return one copy of the invoice with your payment to Accounts Receivable in the enclosed return-addressed envelope. The other copy of the invoice is for your records. * All prices are applicable for a period of 90 days from this date and are subject to change thereafter. * All payments must be delivered by mail, an alternate postal method, or one of our electronic payment options. Walk-in payments are no longer accepted at any SCE location, including Accounts Receivable. * Please complete all applications and/or contracts and return to your planning office, using the enclosed return-addressed envelope. * If a street light work order is associated with this project, contracts for that project will be enclosed. 																									
TOTAL PROJECT INVOICE AMOUNT:	\$69,579.93																								



SOUTHERN CALIFORNIA
EDISON

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PO BOX 2743
PALM SPRINGS CA 92263 2743

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Invoice Date:	08/30/2016
SCE Contact:	Kristina Rae Burton
Telephone:	(760)-202-4286
Install - Billing Option:	
District Address:	36100 CATHEDRAL CANYON DRIVE CATHEDRAL

COMMENTS CONTINUED:

- * Easement documents will be mailed directly to you from our Right of Way department. Please complete and return them as soon as possible, as we will not be able to proceed with the project without clearance
- * Call the Edison company at 1-800-655-4555 to make application for electrical service.
- * An Edison Inspector must approve all underground systems. Please call your designated inspector 48 hours prior to construction to schedule an inspection.
- * Final electrical inspection from the local governmental building and safety department must be received before we can energize your

ADDITIONAL PAYMENT INSTRUCTIONS:

If paying by check, please follow instructions on payment stub

Instructions for wire or ACH payments:

JP Morgan Chase Bank
New York, NY
ABA#: 021000021 - Acct#: 323-394434
SCE Taxpayer ID No. 95-1240335

SCE Contact: Kristina Rae Burton
Document #: 7590050322

*** Failure to properly identify your document number and SCE contact may delay the application of funds and initiation of your project

Special Instructions for overnight delivery methods:

Southern California Edison
Attn: Accounts Receivable
8631 Rush Street G-53
Rosemead, CA 91770

Please detach and return payment stub with payment

Payment Stub

Invoice #: 252904
Document #: 7590050322

PALM SPRINGS, CITY OF
PO BOX 2743
PALM SPRINGS CA 92263 2743

Please pay total amount now due:



\$69,579.93

Thank you for paying promptly
Make check payable to Southern California Edison

ATTN: Accounts Receivable
PO Box 800
Rosemead, CA 91771-001