



The City of Santa Barbara Facilities & Energy Division

March 12, 2018

The City of Santa Barbara is interested in partnering with a qualified distributed energy resources (DER) project developer to participate in Southern California Edison's [Moorpark LCR/Goleta Resiliency Request for Proposals](#) (SCE RFP). The City of Santa Barbara is providing this information to interested project developers to see if there may be a fit for a developer(s) to site project(s) at City of Santa Barbara properties. **We are seeking concept proposals from interested developers by Friday, March 30, 2018. Please note that any proposed projects would be subject to City Council/BOS approval and permitting requirements and any proposals are non-binding until such time that City Council/BOS approval has been obtained.**

BACKGROUND

This information packet provides background on our interest in the SCE RFP, a list of public properties and project types that could be viable for each property, and a description of key requirements for the concept proposal to be submitted by interested project developers. The process outlined below is being pursued in lieu of Phase I of the County of Santa Barbara's [RFP for Strategic Energy Planning Services](#) issued on January 8, 2018.

The City is heavily committed to the increased deployment of renewable energy resources, as demonstrated by the 100% Renewable Energy goal for both municipal facilities and the community, adopted by resolution in June of 2017. Increased DER adoption also supports the City's climate action plan goals of reducing GHG emissions and improving community reliability.

HOW TO PARTNER WITH CITY OF SANTA BARBARA

The City of Santa Barbara plans to solicit concept proposals from project developers interested in siting DER projects at City of Santa Barbara properties to include in a proposal for the SCE RFP. Interested project developers may signal their interest to the City of Santa Barbara as follows:

(optional) Step 1. Attend Clean Energy 805 Workshop. [Clean Energy 805](#) is an alliance of community organizations seeking to spur a robust response to the SCE RFP in the hopes of increasing the amount of local clean energy generation in the South Coast region. The group is organizing two workshops on March 13 in Goleta and March 15 in Camarillo. City of Santa Barbara staff will be present at both workshops to meet with interested project developers to gauge interest and compatibility. The workshops will be an opportunity to clarify any information needed to submit a written concept proposal to the City of Santa Barbara. Participation in the workshops is optional. Workshop information will be duplicative, so interested project developers only need to attend one workshop.

(required) Step 2. Submit Written Concept Proposal. Following the workshops, project developers may submit written concept proposals outlining their project(s) for consideration by City of Santa Barbara staff. The proposal should include the items listed below.

Proposal Requirements

Company Background

- Experience with Southern California Edison
- DER Project Experience
- Company Location

Proposed Project Description

- Project Type
- Estimated Energy Impacts (kWh, kW)
- Net Revenue Potential to City of Santa Barbara
- Ancillary Project Benefits (e.g., greenhouse gas reductions, infrastructure improvements)
- Resource Needs from City of Santa Barbara (e.g., staff time, infrastructure)

References

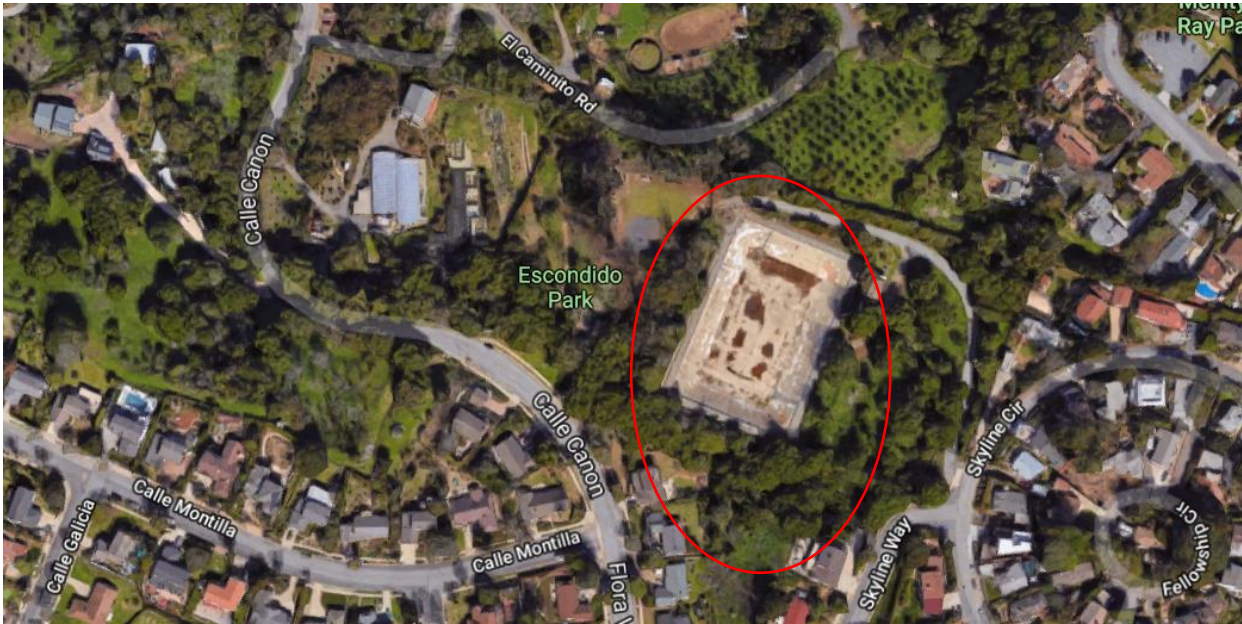
- Client
- Time Period
- Project Description
- Contact Information

Please submit proposals or address questions to Alelia Parenteau at Aparenteau@SantaBarbaraCA.gov by Friday, March 30, 2018.

Eligible City of Santa Barbara Project Locations

Property Name:	Escondido Reservoir
Address:	106 Skyline Circle
Description including:	This property is the site of a City-owned reservoir, not currently in use. It has a concrete basin that is approximately 50,000 sq. ft.
- Site Use	This site is a potential opportunity for in front of the meter solar, potentially with storage. Basin size: approx. 50,000 sq ft Annual Max Demand: 26kW Annual Energy Consumption: 70,760 kWh
- Sq. Ft / Acreage	
- Description of developed/undeveloped assets	
- Facility Age	
- Annual usage and max demand	
- Current Tariff	

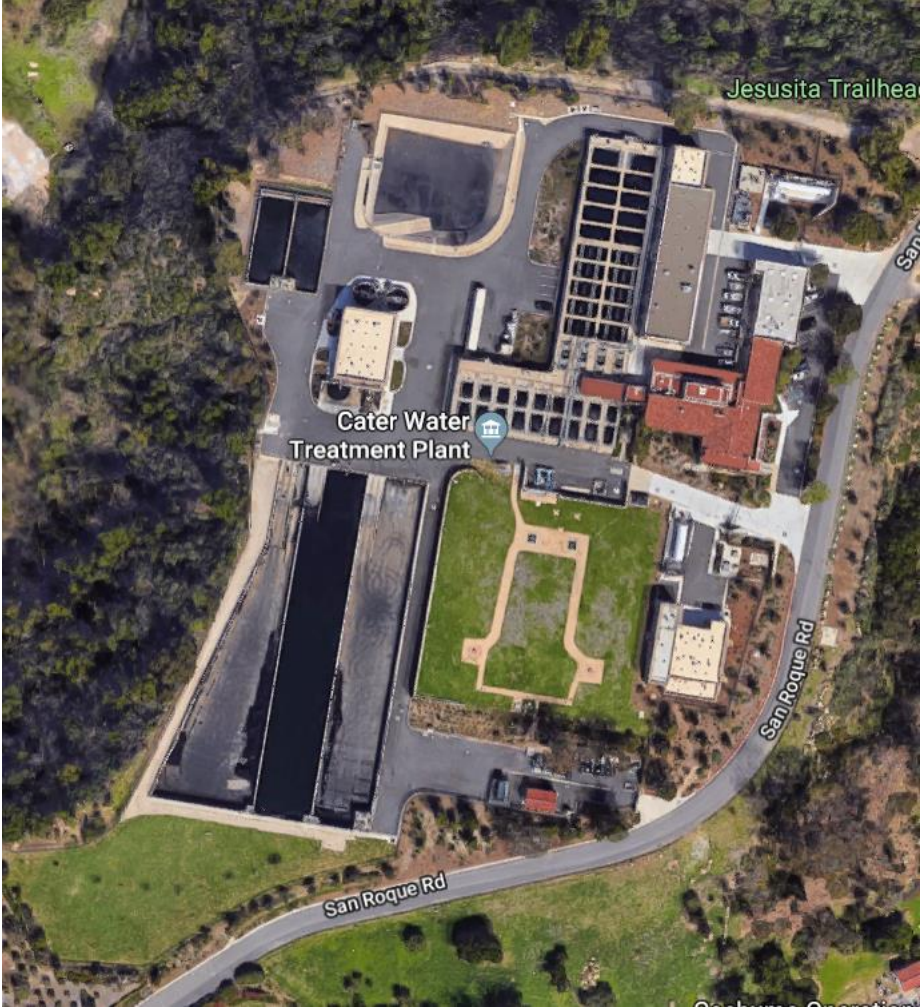
- Opportunities and Constraints	Tariff: TOU-PA2B
DER Project Types Considered:	IFOM Solar
Contact:	Alelia Parenteau, 805-564-5474
Property Map:	See attached



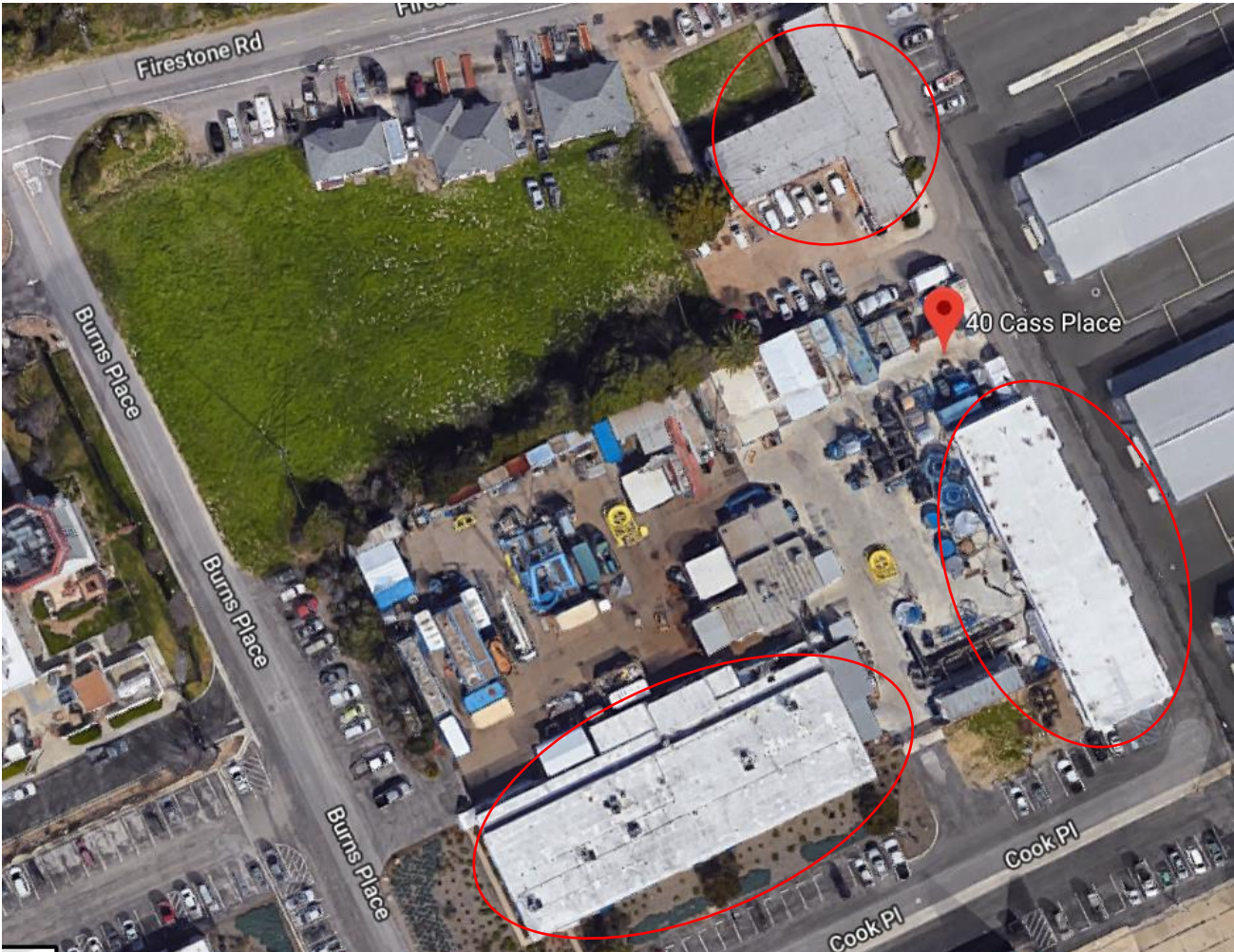
Property Name:	Gibraltar Reservoir
Address:	Forrest Route 5N18
Description including: <ul style="list-style-type: none"> - Site Use - Sq. Ft / Acreage - Description of developed/undeveloped assets - Facility Age - Annual usage and max demand - Current Tariff - Opportunities and Constraints 	<p>This property is the site of a City-owned reservoir. This site does not currently have electrical service, but is located near the Mission Tunnel, a three-mile water conveyance tunnel to Santa Barbara where conduit could be placed. The location is also in relatively near proximity to the 230kV transmission lines.</p> <p>This site is a potential opportunity for large scale in front of the meter solar.</p> <p>land size: approx. 50 Acres</p> <p>Annual Max Demand: 0</p> <p>Annual Energy Consumption: 0</p> <p>Tariff: N/A</p> <p>Constraints: No electrical service</p>
DER Project Types Considered:	IFOM Solar
Contact:	Alelia Parenteau, 805-564-5474
Property Map:	See attached



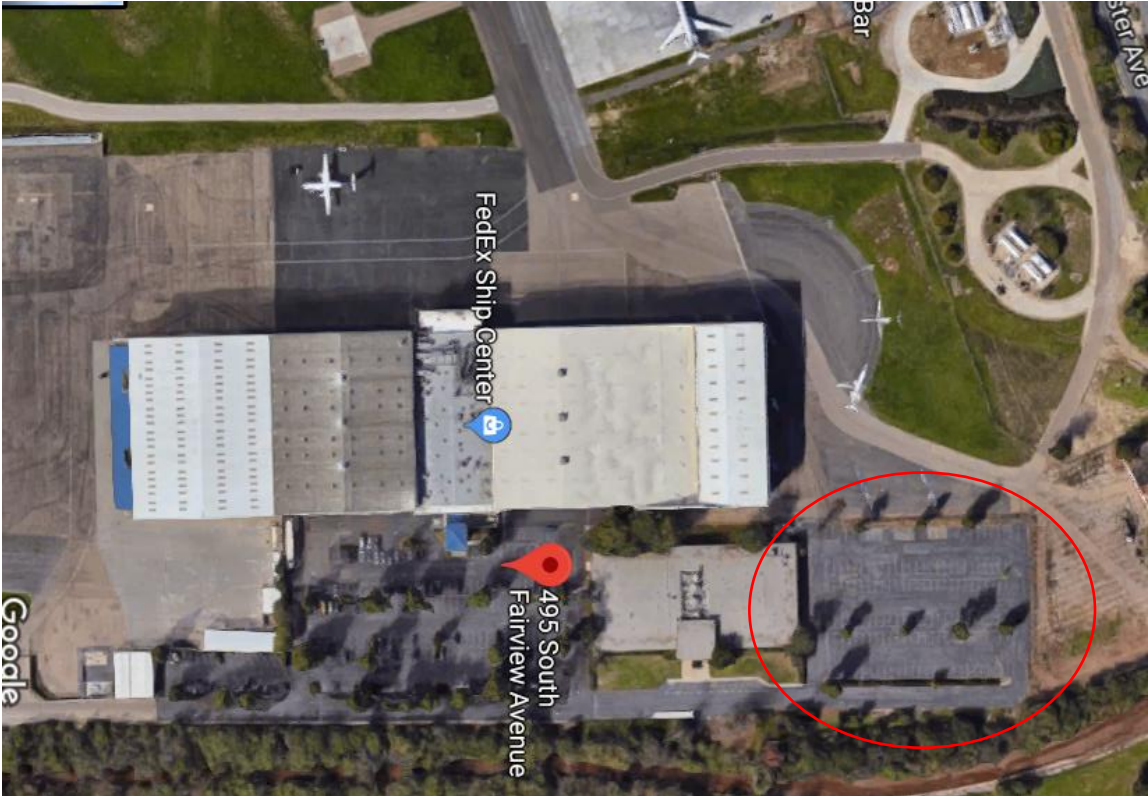
Property Name:	Cater Water Treatment Plant
Address:	1150 San Roque Road
Description including: <ul style="list-style-type: none"> - Site Use - Sq. Ft / Acreage - Description of developed/undeveloped assets - Facility Age - Annual usage and max demand - Current Tariff - Opportunities and Constraints 	<p>The City’s Cater Water Treatment Plant has a cumulative load of approximately 1MW related to water treatment and conveyance.</p> <p>This site is a potential opportunity for behind the meter storage. There is small potential for onsite renewables but the facility is fairly constrained by size and operations.</p> <p>Annual Max Demand: 950 kW (over four meters)</p> <p>Annual Energy Consumption: 2,404,261 kWh</p> <p>Tariff: TOU-PA3A, TOU-PA3B, TOU-GS1B</p> <p>Constraints: Limited land available</p> <p>Complex operations</p> <p>Essential facility</p>
DER Project Types Considered:	BTM Storage
Contact:	Alelia Parenteau, 805-564-5474



Property Name:	Airport T Hangars
Address:	40 Cass Pl
Description including:	<p>There is a large roof-mount solar opportunity at the City's Airport T Hangars. This could be a good opportunity for IFOM solar and potential storage. The facility is currently used for Airport operations.</p> <p>Annual Max Demand: 4 kW</p> <p>Annual Energy Consumption: 14,733</p> <p>Tariff: TOU-GS1B</p> <p>Structural soundness unknown</p>
DER Project Types Considered:	IFOM Solar, Storage
Contact:	Alelia Parenteau, 805-564-5474



Property Name:	Ampersand Parking Lot
Address:	495 S. Fairview
Description including: <ul style="list-style-type: none"> - Site Use - Sq. Ft / Acreage - Description of developed/undeveloped assets - Facility Age - Annual usage and max demand - Current Tariff - Opportunities and Constraints 	<p>There is a canopy-mount solar opportunity at the City’s Airport Ampersand Parking Lot. This could be a good opportunity for IFOM solar and potential storage. The facility is currently used for tenant parking.</p> <p>Annual Max Demand: Unknown</p> <p>Annual Energy Consumption: Unknown</p> <p>Tariff: Unknown</p>
DER Project Types Considered:	IFOM Solar, Storage
Contact:	Alelia Parenteau, 805-564-5474



INELIGIBLE CITY OF SANTA BARBARA PROJECT LOCATIONS

Property Name:	El Estero Wastewater Treatment Plant / Desal Facility
Reason for Ineligibility:	<ul style="list-style-type: none"> • <i>Outdated electrical infrastructure out for upgrade design</i> • <i>Limited available land</i> • <i>Pre-existing renewable generation</i>

Property Name:	Airport Terminal
Reason for Ineligibility:	<ul style="list-style-type: none"> • <i>Sensitive Site for siting</i> • <i>Pre-existing renewable generation in process</i>