

# UC SANTA BARBARA

## Utility and Energy Services

**April 11, 2018**

The University of California, Santa Barbara (UCSB) 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). UCSB is providing the following information to interested project developers to determine investigate whether a behind-the-meter DER project located at a University site is feasible within the programmatic constraints of the SCE RFP and the University's development requirements. UCSB is seeking concept proposals from interested developers by Friday, May 4th, 2018. Please note that any proposed projects would be subject to University's approval and permitting requirements and any proposals are non-binding until such time that University approval has been obtained.

### **BACKGROUND**

This information packet provides background on UCSB's interest in the SCE Goleta Resiliency RFP objectives, a summary of sites and project types that could be viable for each site, and a description of key requirements for the concept proposal to be submitted by interested project developers.

UCSB is committed to the increased deployment of renewable energy resources, as demonstrated by the deployment of over six megawatts of solar photovoltaic capacity within the past year. Increased DER adoption is an effective utility cost management strategy and also supports the University's climate action plan goals of reducing GHG emissions.

### **HOW TO PARTNER WITH THE UNIVERSITY OF CALIFORNIA SANTA BARBARA**

UCSB plans to solicit concept proposals from project developers interested in siting DER projects at University properties to include in a proposal for the SCE RFP. Interested project developers should submit written statements of qualification and concept proposals outlining project(s) for consideration by UC Santa Barbara staff. The proposal should include the items listed below.

#### **Proposal Requirements**

##### Company Background

- Experience with Southern California Edison
- Experience on college and/or university campuses
- DER project experience
- Company overview

##### Proposed Project Description

- Project type

- Estimated energy impacts (kWh, kW)
- Net revenue potential to UCSB
- Ancillary project benefits (e.g., greenhouse gas reductions, infrastructure improvements)
- Resource needs from UCSB (e.g., staff time, infrastructure)
- Project scaling and variation potential

References

- Client
- Project description
- Contact information

Please submit proposals or address questions to Jordan Sager at [jordan.sager@ucsb.edu](mailto:jordan.sager@ucsb.edu) by Friday, May 4, 2018.

### UCSB Potential DER Location

<b>Property Name:</b>	UC Santa Barbara Main Campus
<b>Address:</b>	34.419840, -119.850834
<b>Description including:</b> <ul style="list-style-type: none"> <li>- Site Use</li> <li>- Sq. Ft / Acreage</li> <li>- Description of developed/undeveloped assets</li> <li>- Facility Age</li> <li>- Annual usage and max demand</li> <li>- Current Tariff</li> <li>- Opportunities and Constraints</li> </ul>	<p>This property is at the main UC Santa Barbara campus adjacent to the SCE/UCSB 66kV/12kV ‘Colegio’ substation. The UCSB campus load served by this substation is 15MW (peak). 6.2 megawatts of behind-the-meter (BTM) solar photovoltaic capacity has been installed at UCSB. No combustion-based generation or energy storage resources currently exist at the campus.</p> <p>This site is a potential opportunity for BTM energy storage. Variations and hybrid projects including fuel cell, demand response, and/or permanent load shifting will be considered provided they advance the resiliency objectives of the region and provide value to the University.</p> <p>Project site size: approx. 15,000 sq. ft.</p> <p>Annual max Demand: 15MW</p> <p>Annual electricity consumption: 90,000 GWh</p> <p>Tariff: TOU-8-B-S</p>
<b>DER Project Types Considered:</b>	BTM energy storage with potential for combined resources
<b>Contact:</b>	Jordan Sager, 805-893-5365

Property Map:

See attached

