

SCE's Catalina Island Request for Information ("CI RFI")

Bidders Webinar Conference
Wednesday, January 19, 2022
10am-11:30am PPT

[January 19, 2022 Catalina Island RFI Webinar Link](#)

Agenda

1. Introduction & Webinar Overview (Angela Taglinao)
2. Catalina Island Repowering Project (Matthew Zents)
3. Catalina RFI Overview (Angela Taglinao)
4. RFI Schedule (Angela Taglinao)
5. RFI Submission Process (Angela Taglinao)
6. Products of Interest (Charles Vaughan)
7. RFI Documents (Charles Vaughan)
8. RFI Questions (Charles Vaughn)
9. RFI Appendix A (Krystal Stangeland, Matthew Zents, Kathryn Mickaliger)
10. Q&A

Introduction & Webinar Overview

Catalina Island Request For Information (RFI)

- Intended to provide information to help potential participants to understand the purpose and identified need for this CI RFI as well as understand the RFI process and how to submit bids

Call Procedures and Questions

1. Please remain on mute. If you need to leave, please drop off the call
 2. There will be time for Q&A at the end of each presentation, so please hold questions until the allotted time at the end of each section
 3. If you have any questions you would like to raise, please ensure to type this in the chat function of the livestream webinar
- SCE will post FAQs, this PowerPoint presentation and a recording of this webinar on the Catalina Island RFI website at:
 - <https://www.sce.com/procurement/solicitations/catalina-island-rfi>
 - **RFI Webinar Presentation**
 - This presentation is intended to be a summary level discussion of the information and requirements established in the CI RFI and does not include all the detailed information that can be found in the documents posted to the CI RFI PowerAdvocate© Website
 - To the extent that there are any inconsistencies between the information provided in this presentation and the information contained in the documents posted to the Power Advocate Website, the information in the documents posted to the website will govern

Catalina Island Repowering Project Overview

- The Santa Catalina Island Repower Feasibility Study, published in August 2020, evaluated various options to repower Santa Catalina Island with an alternative generation supply that is compliant with new emissions regulations and conforms to the State of California's and Southern California Edison's (SCE's) stated goals towards greenhouse gas reduction and renewable energy deployment.
- Results of the study suggested that installing new, EPA Tier 4 final compliant diesel generators was the most cost-effective way to provide firm, dispatchable generation while reducing Oxides of Nitrogen (NOx), followed by the development of a fleet of renewable energy generators and battery storage over time as technology improves and costs decrease.
- The proposed Catalina Island Repower Project will replace the six existing diesel generators serving the approximately 4,100 electric customers and 1,000,000 annual visitors on Santa Catalina Island with clean diesel and potentially other generation resources that can meet air emissions requirements from the South Coast Air Quality Management District (SCAQMD).
- SCE is working closely with both the SCAQMD and the California Public Utilities Commission (CPUC) on the scope and approval of the Repower Project.
- For more information visit the Catalina Island Repower Project website at the following link: <https://www.sce.com/about-us/reliability/upgrading-transmission/catalina-repower>.

Catalina RFI Overview

- SCE is issuing this Catalina Island RFI to solicit informational submissions from interested parties, for energy solutions that could displace or complement the Catalina Island Repower Project aligning with SCE's long-term clean energy strategy for Santa Catalina Island
- RFI is intended to assist SCE in obtaining information on the market for viable projects for Santa Catalina Island
- SCE may, in its sole discretion, use the information obtained in the RFI to develop future request for proposals or offers; this RFI is also intended to provide the marketplace notice of a potential Catalina Island RFO that may take place at the end of the year
- Appendix A includes additional information and references related to implementation of projects on Catalina Island.

Catalina RFI Schedule

Event	Dates*
RFI Launch	January 14, 2022
RFI Web Conference	January 19, 2022
Participant Submission Deadline	March 30, 2022
Acknowledgment Letter to Participants from SCE	April 8, 2022

*Note that dates reflected are fluid and may be subject to change. SCE reserves the right in its sole discretion to add, remove, or modify any event, event date, or submittal requirement. Participants are encouraged to monitor the PowerAdvocate website for updates and possible amendments to the RFI, the RFI Instructions, other solicitation materials, or the solicitation process.

RFI Submission Process

- SCE will use PowerAdvocate® to host the RFI indicated below:
 - Offerors intending to submit to the RFI, but do not yet have an existing PowerAdvocate® account, must first register to create a username/password with PowerAdvocate® to receive access to the event (event code 130253)
 - Users without an existing PowerAdvocate® account may register and request access to participate in the Catalina Island RFI.
 - The **Catalina Island RFI** can be found by searching for event code "130253" or by registering here:
 - <https://www.poweradvocate.com/pR.do?okey=130253&pubEvent=true>
 - **SCE strongly encourages Participants who do not have an existing account to establish one well before the RFI Submittal Due Date, as it may take some time.**
 - For additional information on registering on PowerAdvocate®, please visit:
 - https://www.poweradvocate.com/WebHelp_Sourcing_Intel_Supplier/Content/Resources/Sourcing_Intel_Supplier_Guide.pdf

Products of Interest

SCE is interested in information on the following products:

- Third-Party Power Purchase Agreements (PPA):
 - California Renewable Portfolio Standard (RPS) Eligible Renewable Resources (Renewable Energy Resources) with or without energy storage
 - Near-zero emissions energy resources
 - Energy Storage (IFOM and BTM)
 - Distributed Generation (IFOM and BTM)
 - Distributed Generation paired with energy storage (IFOM and BTM)
 - Demand Response (including energy storage back demand response)
 - Energy Efficiency
- Third-party design build and transfer of ownership to utility products
 - Utility-Owned Generation (Renewable Energy Resources) with or without energy storage
 - Utility-Owned Storage

RFI Documents

- Reference Materials
 - Catalina Island RFI Instructions
 - Appendix A in the RFI Instructions includes additional information and references related to implementation of projects on Catalina Island
 - RFI Excel Submittal Form template
- Required Documents for submittal
 - RFI Excel Submittal Form
 - Proposal Letter
 - Interconnection documentation, as applicable
 - Generation resource data, as applicable

RFI Questions: Section A

Section A: Participant Information

- Participant Company Name
- Name and Title of Primary Contact
- Participant Email Address
- Participant Phone Number
- Participant Company Address
- Parent Company (if applicable)
- Company Experience with renewable projects and or clean energy solutions relevant to the RFI
- Explanation of experience
- Number of years of experience
- Projects completed
- Link to company websites and references, etc.

RFI Questions: Section B

Section B: Project Details

- Product Description/Application (e.g. eligible renewable resources, in-front-of-the meter energy storage, type of distributed generation (i.e. solar, wind), demand response, energy efficiency, etc.), and Estimated Useful Life of the Project/Product.
- Project Details
 - Site control and/or acquisition of site control & process
 - Pipeline or grid interconnection
 - Permitting
 - Financing
- Project Point of Delivery or Interconnection Status
- Project Delivery Profile (e.g. baseload; variable – what rate and interval; interruptible – how often and when)
- Project Capacity (in kilowatts or megawatts)
- Project Energy Volume - Quantity per Day/Month/Year
- Delivery Start or Commercial Operation Date (e.g. facility availability date, lead time after executing an applicable purchase agreement, etc); note for BTM projects the length of time it would take to implement the project

RFI Questions: Section B (continued)

- Project Supply Term Length or PPA Term Length (e.g. 5, 10, 15, 20 yrs)
- Indicative Price – for Project and/or electricity generated by Project (OK to provide a range, peg to an index, etc.)
- Other Benefits (e.g. other program benefits/revenue; tax credit incentives)
- Miscellaneous Project Comments (e.g. any other project-specific information to convey to SCE)
- Proposed Contract Type (e.g. long term – structured purchased agreement or PPA or other)
- Anticipated Development Challenges
- SCE Project Purchase Option
- Would SCE have the option to purchase the project?
- At what price & terms?
- Comments on SCE's draft schedule and process for the potential Catalina Clean Energy All-Source RFP/RFO
- General comments or feedback

Appendix A – Additional Information Concerning Project Implementation on Catalina Island

Krystal Stangeland, Matthew Zents, & Kathryn Mickaliger

Interconnection Catalina Cluster

I. Interconnection on Catalina Island

- Information found in the links below is intended to help our customers understand the requirements and processes for interconnecting projects to SCE's electric system.
- [SCE's Grid Interconnections Website](#)
- [SCE's Generator Interconnection Process](#)
- [Rule 21 Information Page](#)

Interconnection Requirements

- **Exporting Projects for Interconnection Under Rule 21**
 - Submit Application via email to Rule21@sce.com
 - Application form: Rule 21 Exporting Generator Interconnection Request, [Form 14-918](#)
 - A single-line drawing
 - Site/plot plan drawing
 - Proof of Site Exclusivity
 - Diagrams, manufacturer's data, and written descriptions of the generating facilities
 - Interconnection request fees. The application review requires a non-refundable fee of \$800. Instructions on how to make this payment are included in the application form available at the link above
- Rule 21 Distribution Group Study ("DGS") process opens September 1, 2022 and closes September 30, 2022
- If you have any additional questions concerning the interconnection process or requirements, please feel free to direct them to interconnectionQA@sce.com

Land Ownership Acquisition

- The Santa Catalina Island Conservancy owns the controlling interest in Catalina Island. In 1974 it entered into a 50-year Open Space Easement Agreement with the County of Los Angeles that set aside 88 percent of the island for preservation of the natural character of the Island and improvement of the Island's access and recreational opportunities (Santa Catalina Island Local Coastal Plan, 1983).
- The Santa Catalina Island Company owns 11% of Catalina Island and its ownership includes much of Catalina Island's resort properties, commercial properties and infrastructure facilities.
- The last 1% of Catalina includes all other property owners. The Santa Catalina Island Conservancy was established shortly after the agreement with the County of Los Angeles to manage, in perpetuity, Catalina Island's biotic resources.
- The Santa Catalina Island Local Coastal Plan (C LCP) guides coastal development on Catalina Island and recognizes and responds to the goals and requirements of the Open Space Easement Agreement, the Santa Catalina
- Island Conservancy and the California Coastal Act. It ensures that the vast majority of Catalina Island will remain in its present natural state.

Feasibility Study on the Island/Generation Profile

- To provide a quantitative analysis of approaches to repower the island, SCE commissioned “Santa Catalina Island Repower Feasibility Study,” a detailed technical and economic analysis, authored by consulting group NV5 in partnership with the National Renewable Energy Laboratory and U.S. Environmental Protection Agency. The analysis uses a techno-economic model to assess the leading repower options (fossil fuel generation, renewable energy, and undersea cable) and provide actionable information, including cost, schedule, and benefits and challenges of each option.
- Listed below are links to access the various documents and resources related to the Catalina Island Repower Feasibility Study.
 - [Santa Catalina Island Repower Feasibility Study \(pdf\)](#)
 - [Santa Catalina Island Repower Feasibility Study Appendices \(pdf\)](#)
 - [Catalina Repower Options \(6 pages\) pdf](#)
 - [Catalina Island Repower Feasibility Study Summary \(2 pages\) pdf](#)
 - [Read Energized Story on Catalina Island Repower Feasibility Study](#)
 - [View Oct. 8, 2020 Virtual Community Meeting Presentation Deck \(pdf\)](#)
 - [View Oct. 8, 2020 Virtual Community Meeting Recording](#)

Behind-the-Meter Products & Incrementality

- For BTM products the objective of this RFI is to obtain information about proposals for products that would assist SCE in realizing load reduction incremental to those reliability measures SCE currently has in place
- Product proposals submitted by Participants must not include or target customers who have or will be participating in an SCE Demand Side Management (“DSM”) program that received/receives an incentive for providing the same type of load reduction as the product offer.
- Below is more information and guidance on incrementality.
 - **Wholly Incremental:** Offers which provide technologies and services not (1) already being sourced or (2) reasonably expected to be sourced through another utility procurement, program, or tariff, which is providing and being compensated for the same service. These Offers will be assessed full incremental value.
 - **Partially Incremental:** Offers in which some portion of the technology or service is already incentivized through another authorized utility procurement, program, or tariff, and being compensated for the same service. Only the portion of the Offer that provides material enhancements to the existing project will be considered incremental. Bidders must provide a feasible method of measuring and quantifying the incremental value to justify additional compensation.
 - **Not Incremental:** Offers which provide technologies or services already sourced under another authorized utility procurement, program, or tariff, that meet the identified solicitation needs, and that provide no clearly discernable incremental value beyond current offerings. These Offers are not incremental and will not be included in the valuation and selection process.

Q&A

- If you have any questions you would like to raise, please ensure to type this in the chat function of the livestream webinar
- After the conference, SCE will compile and post a Q&A document on the Catalina RFI website:
<https://www.sce.com/procurement/solicitations/catalina-island-rfi>
- Written responses supersede any responses given in this conference

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