



SOUTHERN CALIFORNIA
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CATALINA ISLAND REQUEST FOR INFORMATION

RFI Instructions

ARTICLE 1. GENERAL INFORMATION.

1.01 RFI Overview & Objectives

Southern California Edison Company (“SCE”) is issuing this Catalina Island Request for Information (the “RFI”) to solicit informational submissions (“Submissions”) from interested parties, including project sponsors and developers (collectively, the “Participants”), for energy solutions that could complement and or displace part of the Catalina Island Repower Project¹ and SCE’s long-term clean energy strategy for Santa Catalina Island, including renewable and near-zero emissions² energy generators and energy storage (including utility-owned generators and storage), demand response, and energy efficiency, in each case as further described in Section 1.02 (*Products of Interest*).

The 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 Catalina Clean Energy All Source request for proposals (RFP) or offers (RFO). Appendix A includes additional information and references related to implementation of projects on Catalina Island.

During the course of the RFI, Participants may also be informed of the interconnection application process and such other information that may assist the Participants in the development of viable products to be offered in any such future request for proposals or offers for Catalina Island.

The instructions set forth herein (these “RFI Instructions”) provide an overview of the processes for the RFI and the procedures pursuant to which each Participant may participate in the RFI. These RFI Instructions are solely for reference and are not intended to be comprehensive.

1.02 Products of Interest

SCE is interested in information on the following products:

- (a) Third-Party Power Purchase Agreements (PPA):

¹ The proposed Catalina Island Repower Project will replace the six existing diesel generators serving the approximately 4,000 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 Cost 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>.

²On 1/7/2022, the SCAQMD approved its latest revision to Rule 1135, which determines many of the NOx emissions requirements for SCE at the Pebbly Beach Generating Station on Catalina, which is where island electricity is currently generated. The modified Rule 1135 requires SCE to meet a facility-wide cap of 13 tons per year of NOx emissions in 2026. While this requirement will likely be revised and the deadline extended, it illustrates the significant (well over 60%) reduction in NOx emissions that SCE will need to achieve

- (i) California Renewable Portfolio Standard (RPS) Eligible Renewable Resources Renewable Energy Resources) with or without energy storage
 - (ii) Near-zero emissions energy resources
 - (iii) Energy Storage (IFOM and BTM)
 - (iv) Distributed Generation (IFOM and BTM)
 - (v) Distributed Generation paired with energy storage (IFOM and BTM)
 - (vi) Demand Response (including energy storage back demand response)
 - (vii) Energy Efficiency
- (b) Third-party design build and transfer of ownership to utility products
- (i) Utility-Owned Generation (Renewable Energy Resources) with or without energy storage
 - (ii) Utility-Owned Storage

ARTICLE 2. SUBMISSION PROCESS AND TIMELINE.

2.01 RFI Schedule

The below table sets forth an indicative timeline for certain milestone dates in connection with the RFI.

Event	Dates*
RFI Launch	January 14, 2022
RFI Web Conference	January 19, 2022 at 10:00am – 11:30am PPT
Participant Submission Deadline	March 30, 2022 at 11:59 pm PPT
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.

2.02 RFI Webinar Conference

SCE will be hosting an RFI Webinar Conference on **Wednesday, January 19, 2022, 10:00am – 11:30am PPT** to discuss SCE’s Catalina Island RFI and potential future procurement events for the island.

The RFI Webinar Conference is intended to inform potential Participants of the RFI process and to answer relevant questions on the RFI. Below is a direct link to participate in the RFI Webinar Conference.

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

Additional details on the RFI Webinar Conference are provided on SCE’s Catalina RFI website, <https://www.sce.com/procurement/solicitations/catalina-island-rfi>.

2.03 RFI Submissions via Power Advocate

Participants 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 by clicking on the link below to participate in the RFI.

Link to register:

<https://www.poweradvocate.com/appNavigator?okey=130253&navType=bidevent>

SCE strongly encourages Participants who do not have an existing account to establish one well before the Participant Submission Deadline, as it may take some time.

2.04 RFI Submittal Documents

By the Participant Submission Deadline described in Section 2.01, each Submission must include the following documents:

- (a) RFI Excel submittal form (the “RFI Information Sheet”)
- (b) Proposal letter
- (c) Interconnection documentation, as applicable
- (d) Generation resource data, as applicable

The above documents can located and downloaded from the Catalina Island RFI Power Advocate Event at the following link:

<https://www.poweradvocate.com/appNavigator?navType=bidevent&okey=130253>

2.05 RFI Information Sheet

Each Submission must include a completed RFI Information Sheet with the information described below, in the form of the Excel spreadsheet described in Section 2.04, and otherwise conforming to these RFI Instructions. Multiple products may be proposed by each Participant by adding additional products to subsequent spreadsheet tabs.

Section A: Participant Information

1. Participant Company Name
2. Name and Title of Primary Contact
3. Participant Email Address
4. Participant Phone Number
5. Participant Company Address
6. Parent Company (if applicable)
7. Company Experience with renewable projects and or clean energy solutions relevant to the RFI
 - a. Explanation of experience
 - b. Number of years of experience
 - c. Projects completed
 - d. Link to company websites and references, etc.

Section B: Project Details

8. 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.
9. Project Details
 - a. Site control and/or acquisition of site control & process
 - b. Pipeline or grid interconnection
 - c. Permitting

- d. Financing
- 10. Project Point of Delivery or Interconnection Status
- 11. Project Delivery Profile (e.g. baseload; variable – what rate and interval; interruptible – how often and when)
- 12. Project Capacity (in kilowatts or megawatts)
- 13. Project Energy Volume - Quantity per Day/Month/Year
- 14. 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
- 15. Project Supply Term Length or PPA Term Length (e.g. 5, 10, 15, 20 yrs)
- 16. Indicative Price – for Project and/or electricity generated by Project (OK to provide a range, peg to an index, etc.)
- 17. Other Benefits (e.g. other program benefits/revenue; tax credit incentives)
- 18. Miscellaneous Project Comments (e.g. any other project-specific information to convey to SCE)
- 19. Proposed Contract Type (e.g. long term – structured purchased agreement or PPA or other)
- 20. Anticipated Development Challenges
- 21. SCE Project Purchase Option
 - a. Would SCE have the option to purchase the project?
 - b. At what price & terms?
- 22. Comments on SCE’s draft schedule and process for the potential Catalina Clean Energy All-Source RFP/RFO
- 23. General comments or feedback

ARTICLE 3. TERMS AND CONDITIONS.

By providing a Submission, Participant acknowledges and agrees to each of the following:

3.01 SCE’s Rights and Obligations

SCE has the right, in its sole discretion, at any time, without notice, and without liability to SCE or any of its affiliates or representatives, to: (i) amend, supplement, or otherwise modify the scope, dates, and other terms and conditions of the RFI and these RFI Instructions; (ii) withdraw or terminate the RFI; (iii) reject in whole or in part any response submitted pursuant to this RFI; and (iv) use, impliedly or otherwise, for any purpose any information submitted in response to the RFI.

Neither the RFI nor any response by SCE in connection with the RFI creates any obligation, implied or otherwise, by SCE to enter into or amend any contract, to issue a request for proposal or offers, or to take any other procurement action in any respect.

3.02 Costs and Expenses

All costs and expenses incurred by each Participant in the preparation or delivery of responses to this RFI or otherwise as a result of its participation in this RFI is the sole responsibility of such Participant.

3.03 Waived Claims

Participant knowingly, voluntarily, and completely waives any rights under statute, regulation, state or federal constitution or common law to assert any claim, complaint or other challenge in any regulatory, judicial or other forum, including without limitation, the CPUC (except as expressly provided below), the FERC, the Superior Court of the State of California or any United States District Court concerning or related in any way to this RFI or these RFI Instructions, including all documents incorporated by reference therein and exhibits, attachments, and appendices attached thereto (“Waived Claims”).

Participant further agrees that:

- (a) The sole forum in which Participant may assert any challenge with respect to the conduct or results of the RFI is at the CPUC;
- (b) The sole means of challenging the conduct or results of the RFI is a complaint filed under Article 3, Complaints and Commission Investigations, of Title 20, Public Utilities and Energy, of the California Code of Regulations;
- (c) The sole basis for any such protest shall be that SCE allegedly failed in a material respect to conduct the RFI in accordance with these RFI Instructions; and
- (d) The exclusive remedy available to Participant in the case of such a protest shall be an order of the CPUC that SCE again conduct any portion of the RFI that the CPUC determines was not previously conducted in accordance with these RFI Instructions (including all documents incorporated by reference therein and exhibits, attachments, and appendices attached thereto).

Participant expressly waives any and all other remedies, including, without limitation, compensatory and/or exemplary damages, restitution, injunctive relief, interest, costs and/or attorneys’ fees. Unless SCE elects to do otherwise in its sole discretion, during the

pendency of such a protest the RFI and any related regulatory proceedings related to the RFI will continue as if the protest had not been filed, unless the CPUC issues an order suspending the RFI or SCE has elected to terminate the RFI.

Participant further acknowledges and agrees that if Participant asserts any Waived Claim, SCE shall be entitled to seek immediate dismissal of Participant's claim, complaint or other challenge, with prejudice, by filing a motion to dismiss (or similar procedural device) supported by the language in this section and that Participant will not challenge or oppose such a request for dismissal.

Participant further acknowledges and agrees that if it asserts any Waived Claim, and if SCE successfully has that claim dismissed or transferred to the CPUC, Participant shall pay SCE's full costs and expenses incurred in seeking such dismissal or transfer, including reasonable attorneys' fees.

3.04 Participant's Representations, Warranties and Covenants

- (a) Participant agrees to be bound by the conditions of the RFI, and makes the following representations, warranties, and covenants to SCE, which representations, warranties, and covenants shall be deemed to be incorporated in their entirety into each of Participant's Submissions:
 - (i) Participant has read, understands and agrees to be bound by all terms, conditions and other provisions of these RFI Instructions;
 - (ii) Participant has had the opportunity to seek independent legal and financial advice of its own choosing with respect to the RFI and these RFI Instructions, including the submittal forms and documents listed in these RFI Instructions which are posted on the RFI website and Power Advocate;
 - (iii) Participant has obtained all necessary authorizations, approvals and waivers, if any, required by Participant to submit its Submission pursuant to the terms of these RFI Instructions;
 - (iv) Participant's Submission complies with all Applicable Laws;
 - (v) Participant has not engaged, and covenants that it will not engage, in any communications with any other actual or potential Participant in the RFI concerning this RFI, price terms in Participant's Submission, or related matters and has not engaged in collusion or other unlawful or unfair business practices in connection with the RFI;
 - (vi) The information submitted by Participant to SCE in connection with the RFI and all information submitted as part of any Submission is true and accurate as of the date of Participant's Submission.

3.05 Good Faith Dealings.

It is expected that the Parties will act in good faith in their dealings with each other with respect to the RFI.

3.06 Disclaimer.

SCE AND ITS REPRESENTATIVES DISCLAIM ANY AND ALL LIABILITY TO A PARTICIPANT FOR DAMAGES OF ANY KIND RESULTING FROM DISCLOSURE OF ANY OF PARTICIPANT'S INFORMATION.

APPENDIX A

This Appendix A includes additional information and references related to implementation of projects on Catalina Island.

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 Interconnection Website](#)
- [SCE's Generator Interconnection Process](#)
- [Rule 21 Information Page](#)

II. 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.

III. 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](#)

IV. 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. More specifically, 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.

1. Wholly Incremental: Not already sourced/subsidized through another utility procurement, program, or tariff and available to meet the identified solicitation needs
2. Partially Incremental: Partially sourced/subsidized through another utility procurement, program, or tariff and available to meet the identified solicitation needs
3. 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.

Examples:

Projects receiving Self Generation Incentive Program (“SGIP”) funding will be considered fully incremental, if the provider commits to meeting the dispatch requirements pursuant to the contract for the solicited deferral services and is not already participating in another utility procurement, program, or tariff which is providing and being compensated for the same service.

Projects already compensated through Net Energy Metering (“NEM”) where the provider makes a material enhancement to provide the services (e.g., the addition of storage that commits to meeting the dispatch requirements described in the solicitation terms and pursuant to the contract for the solicited services). The storage delivery will be considered fully incremental. NEM projects without material enhancement (i.e., storage) will not be considered incremental.

Not Already in SCE Energy Efficiency Portfolio:

New EE projects will be allowed to either demonstrate incrementality subject to EE Program Administrator review or elect to use a pre-specified “overlap factor” method. Providers that choose EE Program Administrator review would describe their proposed EE measures and targeted market segments and demonstrate that the projects do not overlap with the EE Program Administrator’s existing EE programs. Program incrementality using this method could range from 0% to 100% based on EE Program Administrator review. Alternatively, providers can use a pre-specified “overlap factor” method that does not require an explicit demonstration of incrementality. With this approach, a proposed EE program is assumed to be 80% incremental. Their contribution to the grid need is discounted by 20%. For example, assuming the need is 1 MW, an EE proposal using this “haircut” method must deliver 1.2 MW.

Already in SCE Energy Efficiency Portfolio:

Projects already included in an SCE EE program portfolio will not be considered incremental without a material enhancement for the purpose of the Catalina RFO. The enhancement must be clearly demonstrable above and beyond the scope of the original EE measures and installations to be considered wholly incremental.

Demand Response offers are eligible for the purposes of the Catalina RFO. Such offers are fully incremental as long as the provider commits to meeting the dispatch requirements pursuant to the contract for the solicited deferral services and the commitment does not conflict with the Demand Response programs to which the provider is already subscribed.

V. Proposed Catalina Island RFO Schedule*

Proposed RFO Milestones	Proposed Schedule
RFO Launch	December 1, 2022
RFO Offers Due	April 1, 2023
Notification on Shortlist of Offers	October 1, 2023
Deadline for Contracts to be Executed	April 2024
Expected Approval on Application	June 2026

*Note that dates reflected are illustrative, fluid, and is be subject to change. SCE reserves the right in its sole discretion to add, remove, or modify any event, event date, or submittal requirement.