Virtual Public Meeting

Renewable Energy for O‘ahu
O‘ahu Stage 3 Request for Proposals

Mahalo for joining us! We’ll start promptly at 6:30 p.m.
Renewable Energy for O‘ahu
O‘ahu Firm and Variable Generation Request for Proposals

Virtual Community Meeting
May 10, 2022

Please mute your audio when not speaking.
This meeting is being recorded.
Your input is important

OahuRenewableRFP@hawaiianelectric.com

**Comment box**

*Click “Raise Hand”*

*6 by phone*
Objectives

- Energy Price Stability
- Reliability & Resilience
- Retire Fossil Fuel Generation
- Meet Renewable/Decarbonization Goals
- Acknowledge Economic Uncertainty
Community Feedback

- Higher scoring to projects that are proposed on land zoned commercial, industrial, land that greater impervious cover, or reclaimed land.
- Procedural improvements made to further ensure the protection and preservation of cultural resources.
- Prioritizing local labor and prevailing wage incorporated in the RFP.
- Additional requirements for developers to provide monthly updates to the community prior to and throughout the construction process.
- (Non-Shared Solar Projects) Requirement for community benefits packages to address critical needs in host communities.
- (Shared Solar Projects) Priority access to subscriptions will be offered to residents who live in the same census tract as a project, or any census tract that is adjacent to any census tract where the project is located.
Examples of Renewable Variable Generation

Solar

Wind
Examples of Renewable Firm Generation

- Biogas
- Geothermal
- Biomass
- Biofuel
- Hydrogen
O‘ahu Stage 3 RFP Highlights

- O‘ahu Island
- Firm and Variable Renewable Projects
  - Minimum 475 Gigawatt hours of Renewable Dispatchable Generation (RDG)
  - 500-700 Megawatts of firm capacity
  - RDG in operation by 2027
  - Firm in operation by 2029 and 2033
RFP Objectives

- **To acquire a minimum of 475 Gigawatt hours (GWHs) of Renewable Dispatchable Generation energy**
  - New variable renewable generation projects.
    - Use existing variable generation projects and repower such existing facilities.

- **To acquire 500-700 megawatts ("MW") of Firm Renewable Capacity**
  - 2029
  - 2033
  - New renewable generation projects.
    - Use existing firm generation projects and repower such existing facilities using renewable fuel.
    - 30 year term
RFP Considerations

- Price vs Non-Price criteria
- Performance Standards are essential
- Carbon evaluation criteria component (new)
- Land Use and Impervious Cover (new)
- Community outreach and Community benefits package (new)
- Fuel storage requirement
- Guaranteed Commercial Operations Date: 2027 for Variable energy, and 2029 or 2033 for Firm energy
- Independent Observer
Community outreach is part of the RFP process

- Update Community Outreach Plan
- Perform Media Outreach and Advertising
- Develop Project Website
- Update Stakeholders Hold Community Meetings
- Develop Project Presentation
- Compile and File Public Comments
Community Benefits Package Proposal

- At least $3,000 per MW, up to $200,000 per year

- Documented community benefits package highlighting the distribution of funds
  - Actions and/or programs aimed at addressing specific needs identified by the host community
  - OR to a 501(c)(3) not-for-profit community-based organization(s) to directly address host community-identified needs
New Evaluation Criteria

Carbon Emissions Evaluation
• Goal- Reduce carbon emissions to reach goal of reducing carbon emissions by 70% by 2030
• Carbon Criteria Questionnaire

Land Use and Impervious Cover
• Goal- Preserve agricultural and pervious land
• Land with greater existing impervious cover
• Land zoned industrial or industrial mixed use, commercial or business mixed use, or apartment or apartment mixed use
• Land deemed as reclaimed, such as brownfield
Renewable Energy Procurement Process

1. Regulatory Approval Process for RFP
2. Final RFP Issued (July 2022)
3. Developers Submit Proposals
4. Eligibility and Threshold Evaluation
5. Detailed Evaluation
6. Best and Final Offer Submission
7. Select Priority List
8. Initial Evaluation
9. Selection of Final Award(s) (Aug 2023)
11. Regulatory Approval Process for PPA(s)
12. First Projects Online (By 2027)

Dates subject to Public Utilities Commission approval.
## Overall Proposed RFP Process Schedule

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Schedule Dates</th>
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<tbody>
<tr>
<td>(1) Draft RFP filed</td>
<td>May 2, 2022</td>
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<tr>
<td>(2) Community Meeting</td>
<td>May 10, 2022</td>
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<td>(3) Parties and Participants file Comments by</td>
<td>June 2, 2022</td>
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<td>(4) Technical Status Conference</td>
<td>June 15, 2022</td>
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<td>(5) PUC Review and Order to Release RFP</td>
<td>July 1, 2022</td>
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<td>(6) Proposed Final RFP filed by</td>
<td>July 18, 2022</td>
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<td>(7) Commission Approval of Final RFP by</td>
<td>August 17, 2022</td>
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<td>(8) Final RFP issued by</td>
<td>August 31, 2022</td>
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<td>(9) Hawaiian Electric Proposal Due Date</td>
<td>November 30, 2022</td>
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<td>(10) IPP and Affiliate Proposal Due Date</td>
<td>December 1, 2022</td>
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<tr>
<td>(11) Selection of Priority List</td>
<td>March 17, 2023</td>
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<td>(12) Hawaiian Electric BAFOs Due</td>
<td>April 3, 2023</td>
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<td>(13) IPP and Affiliate BAFOs Due</td>
<td>April 4, 2023</td>
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<tr>
<td>(14) Selection of Final Award Group</td>
<td>August 4, 2023</td>
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<td>(15) IRS and Contract Negotiations Begin</td>
<td>August 14, 2023</td>
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Opportunities for Public Engagement

RFP Development
- Community Meeting
- Submit Written Comments to PUC

Prior to Signing Contract
- Required public meeting by developer
- Submit Written Comments to Developer/Company

PUC Approval Process
- Submit Written Comments to PUC

Post-PUC Approval Process
- Potential permitting approval processes
Next Steps

**May-July 2022**
- Comments requested by June 2, 2022.
- The Company will be collecting and reviewing public comments
- Draft RFP is available for review
- [www.hawaiianelectric.com/competitivebidding](http://www.hawaiianelectric.com/competitivebidding)

**August 31, 2022**
- File Final RFP (Subject to PUC approval)
Your input is important

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Comment box

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*6 by phone
Mahalo for your time.

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