



Virtual Community Meeting

Renewable Energy for Maui

Request for Proposals




Mahalo for joining us! We'll start promptly at 5:30 p.m.


Renewable Energy for Maui



Firm and Variable Generation Request for Proposals

- ◆ Virtual Community Meeting
- ◆ May 24, 2022

 Please mute your audio when not speaking.

 This meeting is being recorded.



We welcome your questions

EMAIL



MauiRenewableRFP@hawaiianelectric.com

FACEBOOK

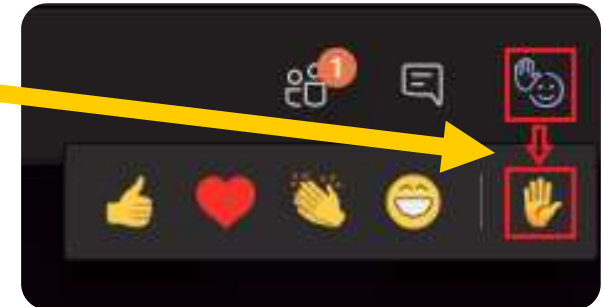


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VIRTUAL MEETING



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Our RFP planning



- ◆ Energy price stability
- ◆ Reliability and resiliency
- ◆ Retirement of fossil-fuel generation
- ◆ Meet renewable/decarbonization goals
- ◆ Mindful of Economic Uncertainty



Community feedback we've incorporated

LAND USE

Higher scores for proposals with land zoned: commercial, industrial, land with greater impervious cover, or reclaimed land.

MORE PROTECTION AND PRESERVATION OF CULTURAL RESOURCES

Procedural improvements made to proposal requirements.

SUPPORT OF LOCAL LABOR AND PREVAILING WAGE

Required in proposed projects.

INCREASED COMMUNICATION WITH COMMUNITY

Monthly updates to the community by developer before and during construction.



Community feedback we've incorporated

SHARED SOLAR PROJECTS

(also referred to as Community-Based Renewable Energy or CBRE projects)

Shared Solar Projects

Residents who live in the same or adjacent census tract as project will receive priority in subscribing to shared solar program

Non-Shared Solar Projects

Community benefits to support host community



Renewable variable power generation



Solar

Wind

Hydro (falling water)

Ocean



Renewable firm power generation



Maui island RFP highlights

Variable and firm renewable projects

Variable renewable dispatchable generation (RDG)

- Minimum 180 gigawatt hours (GWH)
- Open to new projects
- Also accepting use of existing variable generation projects and repower those facilities

Firm renewable capacity

- Minimum 40 megawatts (MW)
- Open to new projects
- 30-year term

Targeting 2027 or sooner

- Firm projects may propose a later commercial operations date if 2027 is not achievable



Supports retirement of fossil-fuel generators

Kahului Power Plant

- ◆ 4 generators to retire
- ◆ Output: 37.6 MW

Mā'alaea Generating Station

- ◆ 4 generators would need to be replaced if no supply parts available
- ◆ Output: 50 MW



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 and Firm energy; Firm energy can come in later if 2027 is not achievable
- ◆ Independent Observer



Community outreach is required in proposals



Developers submitting a proposed project are required to:

- ◆ Submit **community outreach plan**
- ◆ Develop a **project website** for the public to view
- ◆ Provide **advertising** and implement a media plan
- ◆ Conduct **community meetings**
- ◆ Compile **public comments** and provide to Public Utilities Commission and Hawaiian Electric
- ◆ **Update community** stakeholders regularly



Community benefits package proposal

Requires developer to offer benefits to hosting community

- ◆ At least \$3,000 per MW, capped at a minimum of \$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



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

Carbon Emissions Evaluation

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



Renewable energy procurement process

 **Public Comment Opportunities**



Dates subject to Public Utilities Commission approval.



Proposed RFP process schedule

Milestone	Schedule Dates
(1) Draft RFP filed	May 2, 2022
(2) Community Meeting	May 24, 2022
(3) Parties and Participants file Comments by	June 2, 2022
(4) Technical Status Conference	June 15, 2022
(5) PUC Review and Order to Release RFP	July 1, 2022
(6) Proposed Final RFP filed by	July 18, 2022
(7) Commission Approval of Final RFP by	August 17, 2022
(8) Final RFP issued by	August 31, 2022
(9) Hawaiian Electric Proposal Due Date	November 30, 2022
(10) Independent Power Producer and Affiliate Proposal Due Date	December 1, 2022
(11) Selection of Final Award Group	August 4, 2023

**RFP process
May 2, 2022 – August 2023**

**Follow-up community
meeting to be held before
final RFP is submitted July
18*, 2022.**

*Dates subject to Public Utilities Commission approval.



Opportunities for public engagement

RFP Development

- PUC Status Conference
- 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



We want your comments



- ◆ Email:
mauirenewableRFP@hawaiianelectric.com or
hawaii.puc@hawaii.gov
- ◆ Or use comment form on the Public Comments page for Docket 2017-0352 at www.puc.hawaii.gov/contact/public-comments/
- ◆ Comments requested by June 2, 2022



Next steps

◆ **May-July 2022**

- ◆ Technical Status Conference for potential developers (also open to the public) tentatively June 15, 2022.
- ◆ The Company will be collecting and reviewing public comments
- ◆ Draft RFP is available for review at www.hawaiianelectric.com/competitivebidding

◆ **August 31, 2022**

- ◆ File Final RFP (Subject to PUC approval)



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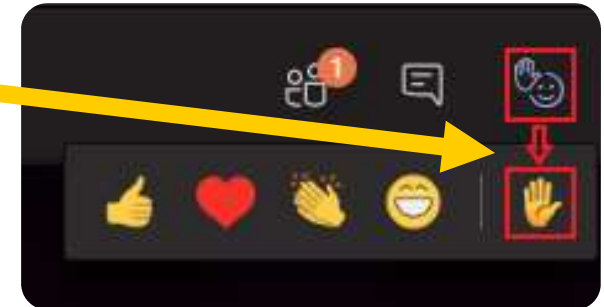


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An aerial photograph capturing a sunset over a coastal town. The sun is low on the horizon, casting a bright glow and a shimmering reflection on the ocean. In the foreground, a large solar farm with rows of panels is visible, illuminated by the golden light. The town below features a baseball field, several buildings, and green fields. The sky is a mix of blue and orange.

Mahalo for your time.

mauirenewablerfp@hawaiianelectric.com