

# Virtual Community Meeting

## Renewable Energy for Maui

### Request for Proposals



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



Hawaiian  
Electric

# Aloha and Mahalo for joining us tonight

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## Request for Proposals for Firm and Variable Power Generation on Maui

May 24 - Virtual community meeting | **July 14 - Virtual community meeting**



Please mute your audio when not speaking.



This meeting is being recorded.



# We welcome your questions

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**EMAIL**



MauiRenewableRFP@hawaiianelectric.com

**FACEBOOK**

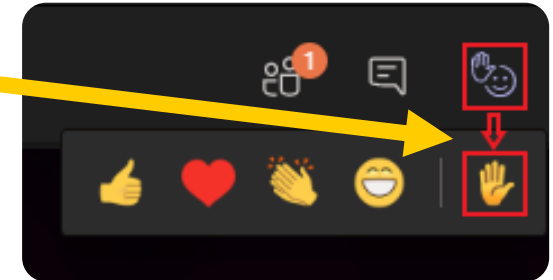


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# Maui's renewable energy progress

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## **Today:**

Capable of generating 442 MW of power to meet Maui's energy needs - **50% came from renewable energy last year**

Power generated from:

- ◆ Mā'alaea Power Plant
- ◆ Kahului Power Plant
- ◆ 2 independent solar power producers
- ◆ 3 independent wind power producers

## ***Transition:***

*Replace fuel power generation with a variety of renewable energy sources.*



# Planning and transitioning to clean energy

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- ◆ More stable energy price
- ◆ Reliable
- ◆ Resilient
- ◆ Retirement of fossil-fuel generation
- ◆ Renewable/decarbonization goals
- ◆ Mindful of economic uncertainty



# Maui Island RFP highlights

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## Variable and firm renewable projects

### Variable renewable dispatchable generation (RDG)

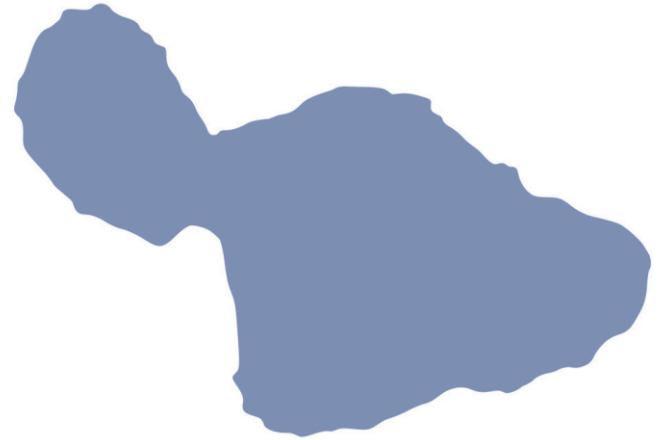
- Minimum 180 gigawatt hours (GWH)
- Open to new projects
- Also accepting use of existing variable generation projects and repower those facilities

### 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



# Current progress

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- ◆ May 2: Submitted draft RFP to PUC
- ◆ June 30: PUC provided comments
- ◆ Ongoing: Collecting & reviewing public feedback



# Renewable energy procurement process

★ Public Comment Opportunities

May 2  
draft of RFP  
submitted to PUC



★  
Regulatory Approval Process for RFP

Final RFP Issued

Developers Submit Proposals

Eligibility and Threshold Evaluation

May 24  
community meeting

Detailed Evaluation

Best and Final Offer Submission

Select Priority List

Initial Evaluation

Selection of Final Award(s)

★  
Contract Negotiations / Public Meeting

★  
Regulatory Approval Process for PPA(s)

First Projects Online (By 2027)

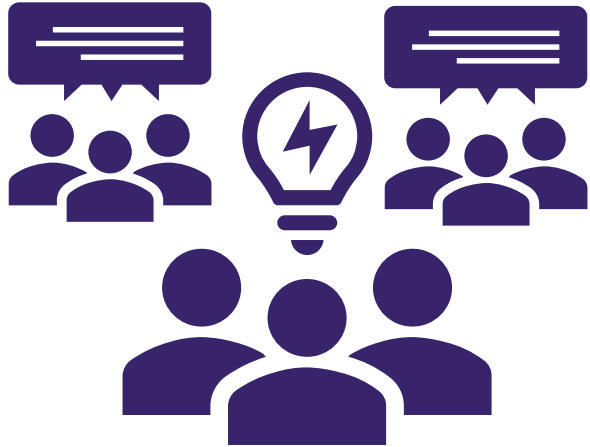
Dates subject to Public Utilities Commission approval.





# Public Comments to Draft RFP

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Overall Evaluation Process

Eligibility and Threshold Requirements

Selection Criteria





## Public Comments: EVALUATION PROCESS

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**How does the company evaluate proposals submitted?**

Competitive Bidding Process

PUC-appointed independent observer





Public Comments:

# ELIGIBILITY & THRESHOLD REQUIREMENTS

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**What requirements does a developer have to meet with their proposed project?**

## Eligibility Requirements

- Meet general and administrative requirements

## Threshold Requirements

- Sufficiently Developed Proposal
- Demonstrated Technology
- Acceptable Execution Risk





# Public Comments: SELECTION CRITERIA & SCORING OF PROPOSALS

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**How is the project price compared to non-price issues, such as community outreach and cultural resource impacts?**

Price vs Non-Price Criteria Scoring

60% Price analysis

40% Non-price evaluation





## Public Comments: COMMUNITY ENGAGEMENT

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**How would community members learn about a proposed project?**

RFP development phase

Developers' required outreach



# Community outreach is required in proposals

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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





## Public Comments: COMMUNITY BENEFITS

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**Do impacted communities receive benefits?**

Yes. Hawaiian Electric requires each proposal to include a community benefits package.



# Community benefits package proposal

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## 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





# Opportunities for public engagement

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## 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



# Next steps

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## August - September 2022

- ◆ Near-Term Grid Needs Assessment will be submitted to the PUC on or before July 29, 2022.
- ◆ Technical Status Conference for potential developers (also open to the public) tentatively scheduled for August 5, 2022.
- ◆ Draft RFP is available for review at [www.hawaiianelectric.com/competitivebidding](http://www.hawaiianelectric.com/competitivebidding)
- ◆ Submit to PUC the Proposed Final RFP for review and approval
- ◆ Issue approved RFP to solicit projects by developers



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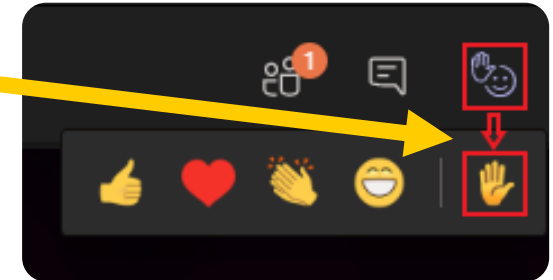


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An aerial photograph of a coastal town at sunset. The sun is low on the horizon, creating a bright reflection on the water. In the foreground, a large array of solar panels is visible, reflecting the golden light. The town below features a baseball field, several buildings, and a mix of greenery and urban development. The sky is a mix of blue and orange from the setting sun.

# Mahalo for joining us

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