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**
Comment box

**VIRTUAL MEETING**
Click “Raise Hand” 🙋

**PHONE**
Press *6 by phone

Renewable Energy for Maui
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 Energy for Maui
Renewable firm power generation

- Biogas
- Geothermal
- Biomass
- Biofuel
- Hydrogen

Renewable Energy for Maui
Maui island RFP highlights

<table>
<thead>
<tr>
<th>Variable and firm renewable projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Variable renewable dispatchable generation (RDG)</td>
</tr>
<tr>
<td>• Minimum 180 gigawatt hours (GWH)</td>
</tr>
<tr>
<td>• Open to new projects</td>
</tr>
<tr>
<td>• Also accepting use of existing variable generation projects and repower those facilities</td>
</tr>
<tr>
<td>Firm renewable capacity</td>
</tr>
<tr>
<td>• Minimum 40 megawatts (MW)</td>
</tr>
<tr>
<td>• Open to new projects</td>
</tr>
<tr>
<td>• 30-year term</td>
</tr>
<tr>
<td>Targeting 2027 or sooner</td>
</tr>
<tr>
<td>• Firm projects may propose a later commercial operations date if 2027 is not achievable</td>
</tr>
</tbody>
</table>

Renewable Energy for Maui
Supports retirement of fossil-fuel generators

**Kahului Power Plant**
- 4 generators to retire
- Output: 37.6 MW

**Māʻalaea 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

Renewable Energy for Maui
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 for Maui
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.

Renewable Energy for Maui
## Proposed RFP process schedule

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

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

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

*Dates subject to Public Utilities Commission approval.

Renewable Energy for Maui
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

Renewable Energy for Maui
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](http://www.hawaiianelectric.com/competitivebidding)

- **August 31, 2022**
  - File Final RFP (Subject to PUC approval)
We welcome your questions

EMAIL
MauiRenewableRFP@hawaiianelectric.com

FACEBOOK
Comment box

VIRTUAL MEETING
Click “Raise Hand” 🙋

PHONE
Press *6 by phone
Mahalo for your time.

mauirenewablerfp@hawaiianelectric.com