



# 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.





**Hawaiian  
Electric**

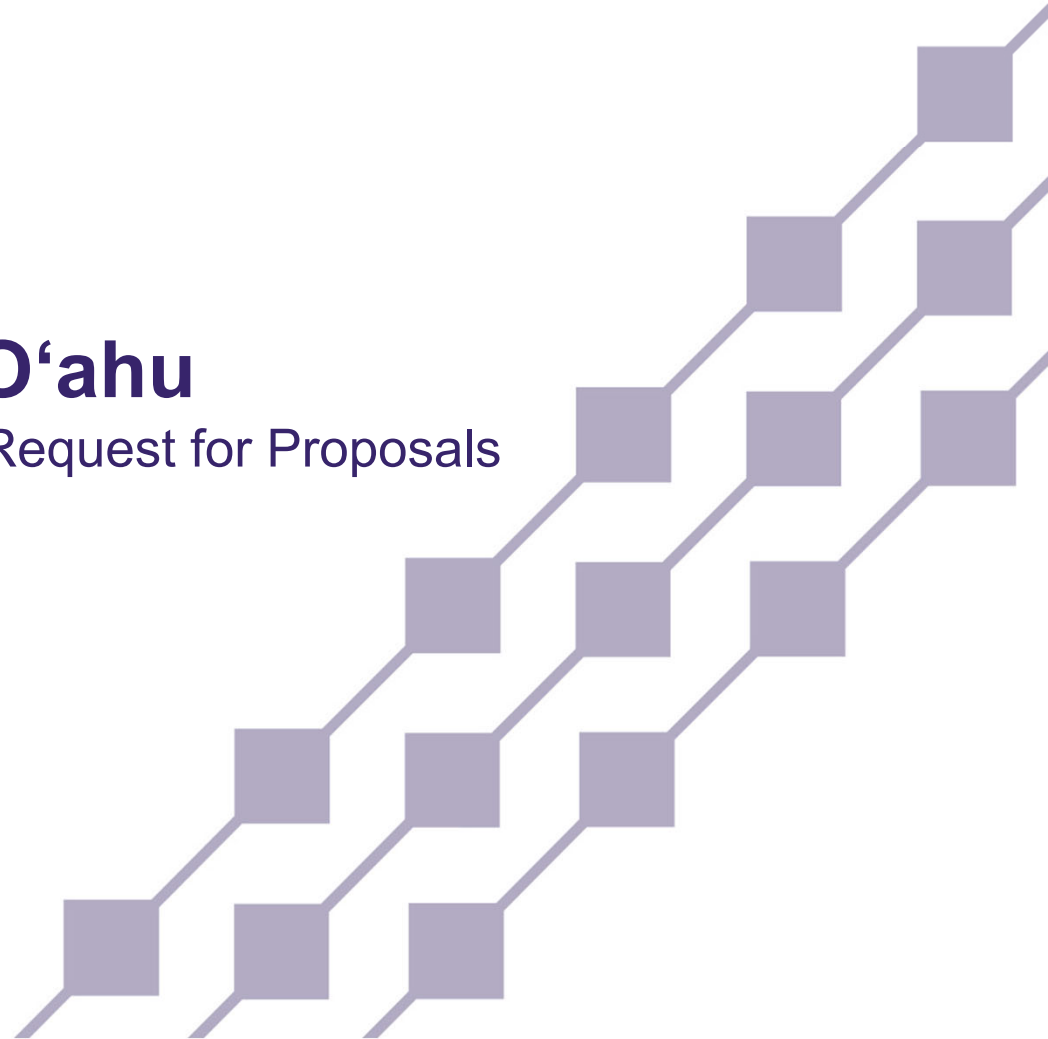
# Renewable Energy for O‘ahu

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

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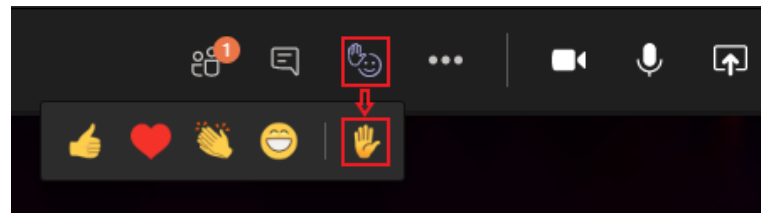


OahuRenewableRFP@hawaiianelectric.com



Comment box

Click "Raise Hand" 



\*6 by phone



# Objectives

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



# Community Feedback

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- ◆ 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

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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

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- ◆ **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

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- ◆ 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

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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

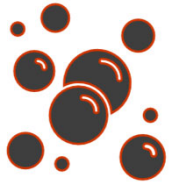
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- ◆ At least \$3,000 per MW, up to \$200,000 per year
- ◆ Documented community benefits package highlighting the distribution of funds
  - Actions and/or programs aimed at addressing specific needs identified by the host community
  - OR to a 501(c)(3) not-for-profit community-based organization(s) to directly address host community-identified needs



# New Evaluation Criteria

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## Carbon Emissions Evaluation

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

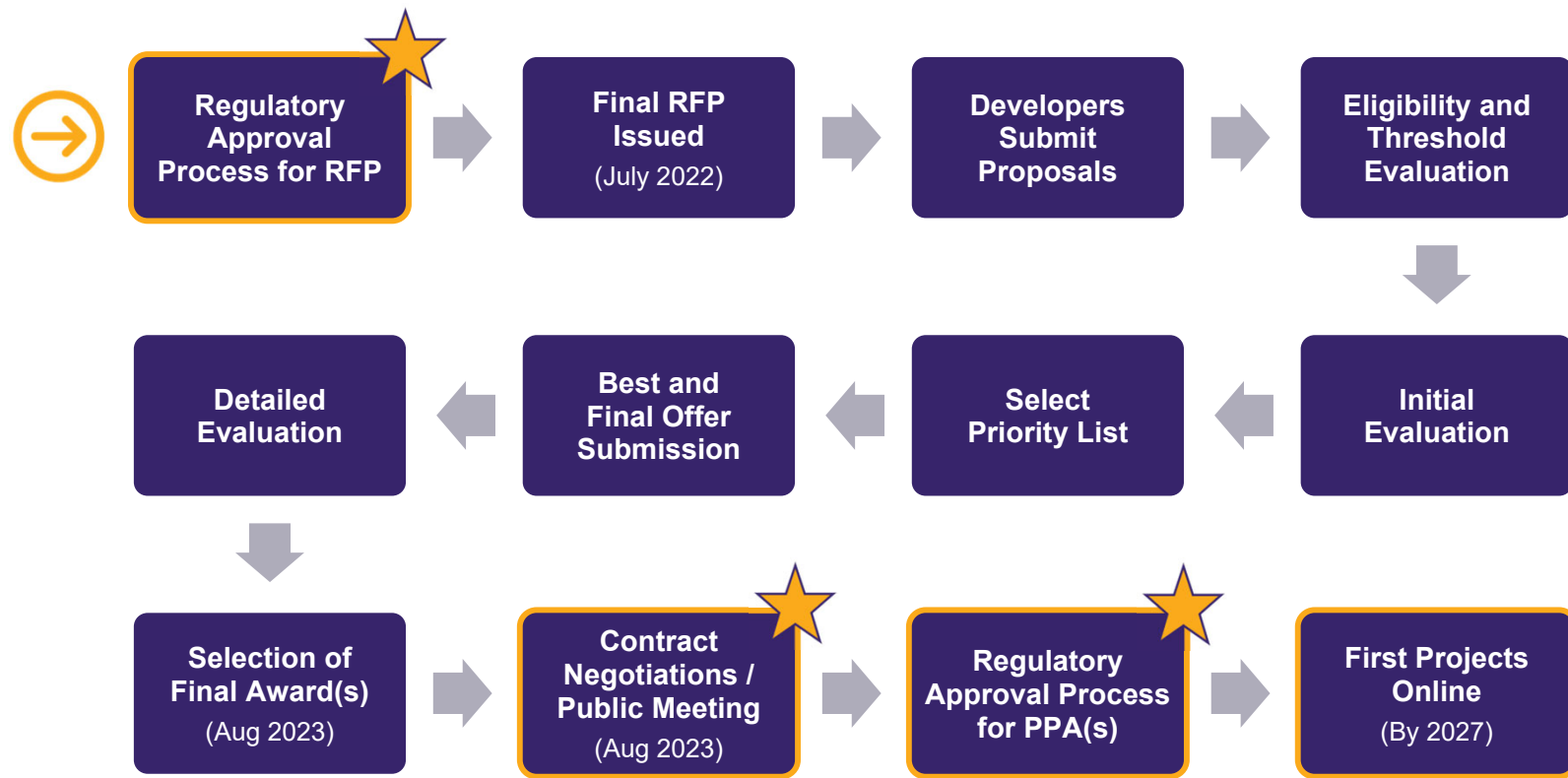


## Land Use and Impervious Cover

- 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



Dates subject to Public Utilities Commission approval.

# Overall Proposed RFP Process Schedule

Milestone	Schedule Dates
(1) Draft RFP filed	May 2, 2022
(2) Community Meeting	May 10, 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) IPP and Affiliate Proposal Due Date	December 1, 2022
(11) Selection of Priority List	March 17, 2023
(12) Hawaiian Electric BAFOs Due	April 3, 2023
(13) IPP and Affiliate BAFOs Due	April 4, 2023
(14) Selection of Final Award Group	August 4, 2023
(15) IRS and Contract Negotiations Begin	August 14, 2023



# Opportunities for Public Engagement

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## 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

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## ◆ **May-July 2022**

- Comments requested by June 2, 2022.
- Technical Status Conference tentatively June 15, 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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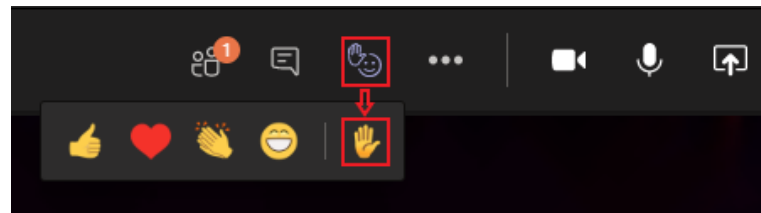


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Mahalo for your time.

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