



**Hawaiian  
Electric**

## Waena BESS - PROJECT SUMMARY AND COMMUNITY OUTREACH PLAN

**Proposer Name (Company name)**

Hawaiian Electric Company, Inc.

**Parent Company/Owner/Sponsor/etc.**

Hawaiian Electric Industries

**Project Name**

Waena Battery Energy Storage

**Net AC Capacity of the Facility (MW)**

40 MW<sub>ac</sub>

**(must match Proposal information)**

**Proposed Facility Location in/near what City/Area**

Kahului, Hawai'i (Central Maui)

**TMK(s) of Facility Location (must match Proposal information)**

2-3-8-003:023

**Point of Interconnection's Circuit or Substation Name (must match Proposal information)**

Waena Switchyard

**Project Description (in 200 words or less) (A description that includes information about the project that will enable the community to understand the impact that the Project might have on the community.)**

Hawaiian Electric Company's Self-Build Team proposes to install, own, and operate a 40 MW/160 MWh battery energy storage system ("BESS") at the Company's Waena site offered in the RFP. The energy storage system would be grid-tied via the planned Waena switchyard. The proposed energy storage system is intended to satisfy the "Storage Requirement" as defined in the August 2019 RFP and the associated Energy Storage Power Purchase Agreement ("ESPPA").

The proposed project consists of 48 pad-mounted battery modules, 12 pad-mounted medium voltage transformers, a site controller system, medium voltage switchgear, two GSU's, two new bays in the planned Waena switchyard, and relaying and telecommunications equipment necessary to safely integrate the project into the existing grid. Based on the use cases considered in the RFP, augmentation will be required to maintain the system's capacity over the 20-year life of the project.

*Project site map*



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The proposed Maui BESS would be located on 1.8 acres of Hawaiian Electric-owned land off Pulehu Road near the Central Maui landfill.

*Site layout plan*



The area in the foreground will be used for the construction of a switchyard that will distribute the electric power through the island-wide transmission and distribution grid. The battery storage units are located toward the back of the photo and will tie directly to the switchyard.

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***Interconnection route***

There will be a direct electrical interconnect from the BESS site into Maui Electric's Waena switchyard at the 69-kV level along with a fiber cable communication link.

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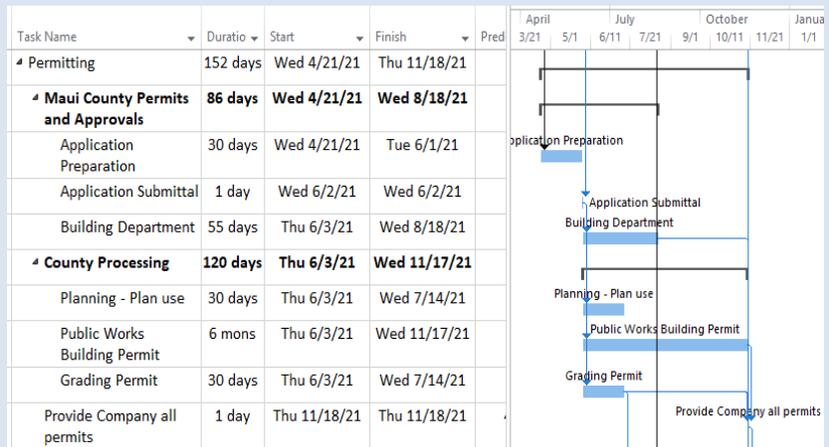
***Environmental Compliance, Impacts and Permitting Plan******Overall land use and environmental permits and approvals strategy***

Hawaiian Electric's overall strategy for obtaining all required approvals in a timely and cost-efficient manner has involved:

- Siting the proposed facilities in an area with which it is familiar because they have considered other developments at the site and completed environmental studies at that time;
- Laying them out in a way that is intended to minimize the amount of ground disturbance that is required, taking advantage of existing infrastructure to the greatest extent practicable so as to minimize the need for new construction;
- Interfacing with permitting authorities at the earliest possible time so as to fully understand (and be able to address) their concerns;
- Collecting, reviewing, and extracting information from available reports and studies containing relevant information about the site;
- Conducting reconnaissance-level site visits to confirm that conditions have not changed visibly since earlier studies and/or databases were prepared;
- Siting the proposed facilities in a way that recognizes site limitations and attempts to avoid unnecessary impacts; and
- Providing for site investigations sufficient to minimize the probability of encountering previously unknown adverse conditions late in the design/development process.

The proposed project, at 1.8 acres, can be positioned within the 65-acre parcels and provide for the needs of the BESS system while minimizing effects on surrounding areas.

*Gantt format schedule which identifies the sequencing of permit applications and approval activities and critical path. Schedule must be in MM/DD/YY format.*



Maui County Zoning: The land on which the proposed BESS facilities would be constructed is in the "M-2 Heavy Industrial District." Utility installations (minor and major) such as the BESS and related electrical infrastructure are permitted in the M-2 heavy industrial district

**City Zoning and Land Use Classification**

State Land Use: The property on which the BESS facilities that Maui Electric is proposing would be constructed is in the State Urban Land Use District. The facilities would be connected to the adjacent Waena Switchyard via power lines that would cross the joint property line. The Waena Switchyard is also in the State Urban District.

**Discretionary and non-discretionary Land use, environmental and construction permits and approvals**

None

**State of Hawai'i Department of Land & Natural Resources, SHPD**

\* HRS Chapter 6E: Historic Preservation

**Listing of Permits and approvals**

**County of Maui Department of Public Works, Development Services Administration Division**

\* Chapter 20.08: Soil Erosion and Sedimentation Control; Grading Control

\* Chapter 20.08: Soil Erosion and Sedimentation Control; Grubbing Permit

\* Building Permit

**State of Hawai'i Department of Health, Clean Water Branch**

\* NPDES Construction Stormwater Permit

For further details, please refer to Chapter 4: Required Permits and Regulatory Approvals in the Environmental Compliance Plan for the Waena BESS.

*Preliminary environmental assessment of the site (including any pre-existing environmental conditions)*

The Waena site is located on the west flank of the north rift zone of Haleakala on land that was formerly utilized by a sugar plantation. The most direct access to the project site is from Waiko Road, an unimproved cane-haul road, that runs parallel to the site's uphill boundary. If access were to be constructed in accordance with the plans in effect at the time the Maui Electric's first obtained rezoning of the Waena Generating Station site, then access would be off of Pulehu Road, a two-lane County collector connecting the Upcountry area to Kahului.

Based on data from past reports and publicly available environmental databases, the preliminary environmental assessment of the site indicates that there will be no negative impacts to air quality, no adverse effects to flora and fauna, no significant noise from the project, and limited potential to affect aesthetics or visual resources. Transport of the batteries also would not significantly affect the traffic volume on Pulehu Road.

For further details, please refer to Chapter 5: Preliminary Environmental Assessment in the Environmental Compliance Plan for Waena BESS.

*Cultural Resource Impacts*

*\* Proposer's updated Community Outreach Plan must include a plan that (1) identifies any cultural, historic or natural resources that will be impacted by the project (2) describes the potential impacts on these resources and (3) identifies measures to mitigate such impacts.*

The proposed project site is situated in Wailuku ahupua'a, Wailuku District, on former sugar cane land. Given its long history of sugarcane cultivation, the project area is unlikely to be associated with traditional cultural practices for subsistence and religious purposes, and does not appear to provide access to other areas used for exercising those practices (i.e., gather of plant and marine resources; presence of burials, historic properties and storied places; documentation of trails, etc.).

There is no specific documentation of plant gathering within the project area during traditional Hawaiian times and no ongoing practices related to traditional gathering have been identified and are unlikely given the predominance of non-native vegetation at the site.

Hawaiian Electric will work to confirm the conditions outlined above and coordinate with SHPD to complete the HRS Chapter 6E Historic Preservation Review process. All evidence indicates that the project

will not have an adverse effect on any historic or cultural resources or practices. The entire project site has been previously disturbed, and no historic resources are present. Therefore, the anticipated HRS Chapter 6E finding is that no historic properties are present or effected.

For further details, please refer to Chapter 6: Cultural Resources Impacts in the Environmental Compliance Plan for Waena BESS

### Community Outreach

To earn and maintain the trust of the community during the RFP process through the construction phase, Maui Electric will maximize transparency and opportunities for stakeholder input. We will engage stakeholders and affected communities early in the process and maintain channels that will allow for questions and comments to be received and addressed throughout the process. An important outcome of the stakeholder meetings is to identify how the project will impact the community in both positive and potentially negative ways, and to gain insight on mitigative measures that would be acceptable.

Key stakeholders include, but are not limited to the following:

1. Aha Moku Council and other cultural leaders
2. Council Chair Alice Lee
3. Councilmember Yuki Lei Sugimura
4. Councilmember Tasha Kama
5. Councilmember Shane Sinenci
6. Department of Land and Natural Resources – Division of Forestry & Wildlife
7. Governor’s Maui Representative, Leah Belmonte
8. Maui Nui Seabird Recovery Project
9. Maui Tomorrow
10. Representative Kyle Yamashita
11. Senator J. Kalani English
12. Sierra Club
13. PUC Maui Representative
14. Users of Lower Kula Road – Upcountry community

Stakeholders will be briefed on the merits of the potential project concurrently with submitting this proposal, including the location, system size, acreage needed, and the need that will be filled by this project. Any concerns and comments will be documented, reviewed, and addressed to the extent possible before any wider public outreach is conducted. To maintain open communication with key stakeholders, the following methods will be used:

### *Community Outreach Plan*

- Early outreach with selected elected officials to provide high-level details on the project, which prevents them from hearing about the project via social media, coconut wireless, etc.
- Email regular updates to those who signed up to receive them
- A project email address will be set up for stakeholders and the general public to submit their questions and comments throughout the duration of the project – Community Relations will receive the incoming email messages and disperse them to the Self-Build Team for prompt follow up
- After a successful bid, Community Relations will provide the Maui Electric Call Center staff with talking points and a phone number to call should Maui Electric customers inquire about the proposed project. The talking points will include: Type of energy resource being proposed, location, benefits of the project and contact information for further inquiry (Community Relations Specialist)
- A presentation about the project will be coordinated by the Self-Build Team and brought to stakeholder groups and other interested parties surrounding or related to the affected area. The presenting team will consist of Self-Build team members, the developer, and Planning Solutions, Inc. – All those who are best equipped to respond to stakeholder questions and concerns
- Through the above actions, the community will have opportunities to provide additional input to methods of communication that would help to keep them informed of the project, including the project email address

**Self-Build Team Community Outreach Contact:**

Community Relations Specialist: Kuhea Asiu

Contact Information: [Kuhea.Asiu@mauielectric.com](mailto:Kuhea.Asiu@mauielectric.com)

**Consultants:**

Planning Solutions has been contracted to assist with the Community Outreach efforts. They have extensive experience working with communities on Maui and the cultural sensitivities that must be taken into account. They have worked in focused consultations as well as larger public meetings.

All outreach efforts will be clearly documented, which will help the team to keep track of the stakeholders and community groups that were contacted, as well as the content of those discussions. A clear record will also help the team to determine if any individual or stakeholder group has been missed in the process. Lastly, the outreach record may be needed to demonstrate that efforts to

genuinely engage the community were made and can show the details of those efforts.

**Local community support or opposition**

The Community Relations Specialist will continually assess the community's temperature regarding the project and keep the project team informed. Any issues that appear to be escalating or have the potential to do so will be addressed as expediently as possible to avoid negative attention towards the proposed project. Monitoring social media for any misinformation will be key to preventing unnecessary conflict around the project.

**February 26, 2020**

Project Email Live  
MauiBESS@hawaiianelectric.com

Waena BESS Stakeholder meeting – Environmental Leaders –  
Including:  
Alex de Roode, Maui County Energy Commissioner  
Makale'a Ane, Maui County Environmental Coordinator  
Kahului Baseyard Auditorium  
1:00 pm

Meeting with Councilmember Tasha Kama  
City & County Building, Wailuku  
11:00am

Meeting with Councilmember Yuki Lei Sugimura  
City & County Building, Wailuku  
3:00pm

Waena BESS Stakeholder Meeting – Cultural Leaders  
Kahului Baseyard Auditorium  
5:30pm

**March 1, 2020**

[www.hawaiianelectric.com/selfbuildprojects](http://www.hawaiianelectric.com/selfbuildprojects) LIVE

**March 7, 2020**

Paid notice regarding public meeting placed in *Maui News*

**March 13-16, 2020**

Due to physical distancing measures and state shelter-in-place mandate for COVID-19, the public meeting at Kahului

**Detailed community outreach efforts**

Base Yard on April 8 was cancelled, and instead a virtual public hearing planned on Akakū Community TV

**March 27, 2020**

- News release on virtual public meeting distributed
- Promotion of virtual public meeting on Hawaiian Electric's social media platforms

**March 30, 2020**

Meeting with Donna Clayton, President,  
Pukalani Community Association  
Phone Conference  
1:00pm

**March 31, 2020**

Meeting with Eric Nakagawa, Maui County Director of  
Environmental Management  
Virtual Meeting  
2:00pm

**April 4, 2020**

Paid notice regarding virtual public meeting details placed in  
*Maui News*

**April 5, 2020**

**Email reminders sent to the following:**

Alex de Roode, County Energy Commissioner  
Community Association Leaders  
County Councilmembers  
County Director of Environmental Management  
Cultural Stakeholders  
Environmental Stakeholders  
Emily Erickson, Community Stakeholder  
Farmer's Union  
Leah Belmonte, Governor's Maui Rep  
Makale'a Ane, County Environmental Coord.  
Maui Conservation Alliance  
Maui County Farm Bureau  
Naomi Landgraf, Maui  
Pukalani Community Association  
PUC Representative  
State Representatives  
State Senators

**April 8, 2020**

Live, virtual, interactive presentation of project on Akakū  
Community Television Channel 54, Facebook Live, and WebEx  
5:30pm

Rebroadcast of live, virtual, interactive presentation aired on Akakū Channel 54 and 55:

<b>Akakū Maui Community Media – Channel 54</b>		
Thursday	April 9, 2020	8:00 p.m.
Friday	April 10, 2020	5:30 p.m.
Saturday	April 11, 2020	8:45 a.m.
Sunday	April 12, 2020	1:00 p.m.
Monday	April 13, 2020	7:00 p.m.
<b>Akakū Maui Community Media – Channel 55</b>		
Wednesday	April 15, 2020	2:30 p.m.
Friday	April 17, 2020	10:15 a.m.
Sunday	April 19, 2020	10:45 a.m.
Tuesday	April 21, 2020	9:15 a.m.
Saturday	April 25, 2020	5:00 a.m.

**Ongoing**

- Monitor [mauibess@hawaiianelectric.com](mailto:mauibess@hawaiianelectric.com)
- Respond to community and government questions, concerns, feedback
- Update the project webpage, including FAQs
- Update cultural and environmental stakeholders, elected officials, community association leaders and others on any upcoming important dates and deadlines or additions to the project webpage.
- Public relations/publicity efforts – respond to media inquiries and/or arrange interviews with SMEs, as needed
- Plan for any in-person meetings if necessary when restrictions for COVID-19 are lifted

*Community benefits  
(continues on next page)*

Some of the Project’s potential Community Benefits which can be shared with stakeholders include:

- A cultural assessment to identify any significant cultural or historical resources existing in the area, including mo’olelo and significant pre-contact events
- Installation of a fire break to protect the renewable energy resources, as well as the lands and entities in adjacent areas
- Selection of native species as a first priority in areas where vegetation is required to be installed

The Community Benefits Plan will work to collect feedback from the community on how it may be impacted by the proposed project. The aforementioned list of project benefits will be shared with stakeholders for comment. Other valid needs in the community, that may or may not be in the same physical location as the proposed project, but could help to mitigate the impacts and gain public support for the project may be considered. An example includes educational information or materials about the project that can be distributed to local schools to enhance curriculum about achieving 100 percent renewable energy for Maui.

If appropriate, a draft Community Benefits Plan will be vetted by stakeholders before being presented to the larger community. The presentation will include the costs associated with providing said benefits and how these figures were developed. Input from stakeholders and the general community will be encouraged and documented throughout the process.