

Submitting a Smart Renewable Energy Program Application for Smart DER Non-Export with Bring Your Own Device (BYOD)

Getting Started with the Customer Interconnection Tool



**Hawaiian
Electric**

Hawaiian Electric Offers an Online Interconnection Application Process

Customers may submit and manage applications online.

This quick guide is designed to introduce you to the Customer Interconnection Tool and to highlight key steps so you can confidently get started on the application process.

This guide includes steps on how to:

- register for an account,
- submit and review applications, and
- navigate the portal to get updates on your application.

Who can use the portal?

Both customers and contractors can use the portal to create, submit, and manage applications for Distributed Energy Resources programs, such as Smart Renewable Energy or Smart DER Export, Smart Renewable Energy or Smart DER Non-Export and Bring Your Own Device (BYOD).



Application Process Overview

What are the steps for the application process?

As you'll see below, the application process often requires some back-and-forth communication between you, your contractor and our internal teams. The steps for this process include:

1. Apply for Interconnection

During this step, you'll be asked to provide detailed information about the installing contractor, project system and size. You may need assistance from your contractor to help you provide most of the necessary information.

2. Review Submittal Package for Completeness Review*

Our Distributed Energy Resources team will review the required information for accuracy. If you may have missed required documents and/or submitted incorrect information, we will notify you of the errors, and you will be asked to make corrections before it can be reviewed again.

3. Review Technical Requirements for System*

Once you successfully pass our internal completeness review, then our technical team will review your application to ensure that your proposed system can safely connect to our electrical grid. We may consider supplemental review depending on your system and circuit/hosting level requirements.

4. Conduct Studies and Utility Install/Upgrades (if necessary)*

Supplemental review may indicate that additional reviews, studies or upgrades will be necessary. Upon completion, the analysis with any identified requirements will be provided to you with options to move forward.

5. Complete Project Installation

After receiving approval to move forward to build your system, your installing contractor will work with you to schedule time to do the actual installation. Additional information will be submitted to us by your contractor so we can validate that the overall system was built as originally agreed upon.

6. Project Validation and Agreement Execution

The final step may involve an onsite compliance check on your system requirements and installation of your new meter. Also, the final executed agreement will be provided to you for signatures. Changes to the language of the actual agreement will not be allowed. [Please take the time to review a copy of the agreement online.](#)

***Note:** These steps are processed by our internal teams and may require additional information from you and/or your contractor.

Once I've started, do I need to finish the entire application at that time?

At any point, you can save your application and come back to it later. For more information on how to do this, go to the Application Review page (page 5 in this guide).

How will I know the status of my application?

You will receive email notifications and status updates throughout the application process. So, it's important to use an accurate email address. The email address used for signing up should be the same as the one used in your application so you can stay informed on the status of your application.

Why is the application process online?

The online application process is faster than the traditional paper process and helps to more efficiently move the entire project along.

Where can I go if I have more questions or need help?

Visit our [FAQ](#) for more information, or contact our Customer Energy Resources Team either by phone or email.

O`ahu:

(808) 543-4760

connect@HawaiianElectric.com

Maui County

(808) 871-8461 ext. 2445

connect@HawaiianElectric.com

Hawai'i Island

(808) 969-0358

connect@HawaiianElectric.com



Application Review

The application process is comprehensive and requires several pieces of information. At any point during your application, you can save your progress and come back to it later.

To Save an Application:

1. At the bottom of any page during the application process, select “Save and Continue” to save your progress.

To Return to an “In-Progress” Application:

1. Select “View Your Projects” **A** from the “Applications” drop-down menu at the top of the page within your CIT account.
2. On the “Your Projects” page, select your project by clicking on the project number **B** in the left-hand column to get an overview of the Project Details.
3. Under the Progress tab **C** on the Project Details page, select the section you would like to return to and continue your application.

The screenshot displays the Hawaiian Electric Customer Interconnection Tool interface. The top navigation bar includes the Hawaiian Electric logo, a home icon, an 'Applications' dropdown menu, and the user name 'HawaiianSample102'. A dropdown menu is open under 'Applications', showing options: 'View Your Projects' (marked with a yellow circle 'A'), 'Start a New Renewable Energy Program Application', 'Start a New Electrical Service Application', and 'Request CIT Change of Contractor'.

The main content area is titled 'Welcome HawaiianSample102 to the Customer Interconnection Tool'. It features a 'Status of Applications' section with a donut chart and a table:

Status	Count
Initiated	11
Completeness Review	3
Holding Queue	3

Below this, there are two panels: 'Available Rooftop Solar Applications' and 'Renewable Energy Program Application Process'. The 'Your Projects' section is visible, showing a table of projects with columns: Internal Id, Project Id, Assigned To, Process Phase, IIQ Status, Responsible Party, Customer Name, Address, and Actions. A project with ID 263492 is highlighted with a yellow circle 'B'.

The 'Project Details' page for project 263492 is shown below. It includes a 'Status' section with fields: Project ID (Unassigned), Status (Initiated), and IIQ Status (N/A). The 'Project' section includes: Program (Smart DER - Export), BYOD Rider Level (No BYOD), Facility Address (803 N SCHOOL ST HONOLULU, HI 96817), Due Date (N/A), and Property Owner (John Smith). The 'Apply for Interconnection' section is active, showing a progress list with 7 steps:

#	Activity	Date Completed
1	Program Selection	2024-02-13 14:41:51 PM
2	Project Location	2024-02-13 14:43:42 PM
3	Contact Information	2024-02-13 14:47:48 PM
4	System Type	2024-02-13 14:48:32 PM
5	Project System Components	2024-02-13 14:53:33 PM
6	Additional Information & Drawings	In Progress
7	Application Summary	

The 'Progress' tab is selected and marked with a yellow circle 'C'. The bottom of the page shows 'Page 1 of 3'.



Smart DER Non-Export with BYOD Application Guide

[My Account](#)

[Initiating an Application](#)

[Application Intake](#)

[Submission Confirmation](#)

[Support](#)



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My Account

To submit a new renewable energy program application, you must have a Customer Interconnection Tool account. You can either sign up for an account or log in to an existing account on the [welcome page](#).

To Sign Up for a New Account

1. Select Account Type: Utility Customer.
2. Fill out contact information.
3. Create your login username and password.
 - » Be sure to create a unique User ID using alphanumeric characters.
4. Complete registration by entering a verification code that will be sent to your email.
5. Log in to your account.

To Update Your Account Information

1. Log in to your account.
2. Select the My Account tab at the top of the portal page and update your contact information as needed.

Register for an Account

Register by creating a unique User ID and password:

User ID*
JohnSmith23

First Name*
John

Last Name*
Smith

Password*
.....

Confirm Password*
.....

Home Phone
8085551234

Country
United States

Mobile Phone
.....

Country
United States

Business Phone
.....

Country
United States

Primary Phone
Home

Email*
JohnSmith@gmail.com

I have read and agree to the [Terms of Use](#)*

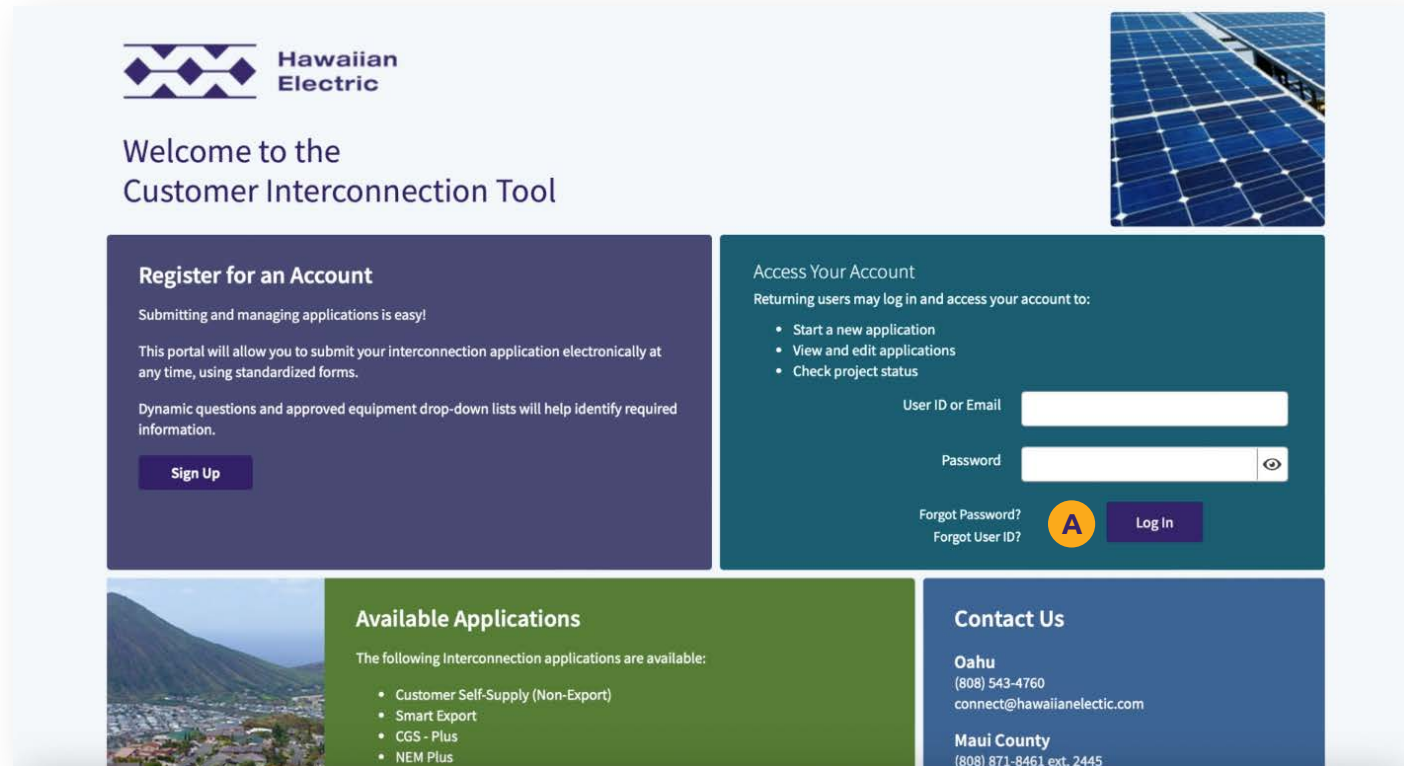
I have read and agree to the [Privacy Policy](#)*

Submit

Getting Started

To Create an Application

1. Log in to the Customer Interconnection Tool **A**.
2. On the next page, click Start a New Renewable Energy Program Application Application **B** to upgrade an existing residential overhead service to a single-family dwelling.



Available Rooftop Solar Applications

The following interconnection applications are available for submission at this time through this portal:

- Customer Self-Supply**
Non-Export - available to all types of generator technologies and sizes where energy will not be exported to the grid or where uncompensated export is acceptable.
- Smart Export**
Export available - available to all types of generator technologies. Export only during specific periods - no utility monitoring or control.
- CGS - Plus**
Export available - available to all types of generator technologies. Export only during specific periods - no utility monitoring or control.
- NEM Plus**
Available only to NEM customers with a signed agreement who want to add non-export capacity to their current system. Additional conditions may apply.
- Amendments**
Ability to document equipment additions, removals, replacements, and battery bonus. Available for existing executed NEM, NEM Plus, CSS, CGS, CGS Plus, and Smart Export agreements.
- Battery Bonus**
A unique type of amendment that allows for additions of solar generation and energy storage for participation in the Battery bonus Demand Response program. Available for existing executed NEM, CSS, CGS, CGS Plus, Smart Export and SIA agreements.

[Start a New Renewable Energy Program Application](#)

Capacity for Grid Supply Plus and Smart Export Programs

PROGRAM	TOTAL (KW)	AVAILABLE (KW)
Oahu Grid-Supply Plus	20,000	19,249
Oahu Smart Export	1,000	623
Hawaii Island Grid-Supply Plus	1,200	230
Hawaii Island Smart Export	3,000	2,300
Maui County Grid-Supply Plus	7,000	6,255
Maui County Smart Export	5,000	4,683

Renewable Energy Program Application Process

Every renewable energy program application goes through the following process (click each step for details):

1. Apply for Interconnection
2. Review Submittal Package for Completeness Review
3. Review Technical Requirements for System
4. Conduct Studies and Utility Install/Upgrades (if necessary)
5. Complete Project Validation
6. Execute Agreement (Customer Receives for Signatures)

B [Start a New Renewable Energy Program Application](#)

Need to Modify or Start New Electrical Service?

Apply for new installations, upgrades or modification to commercial and residential properties here.

[Start a New Electrical Service Application](#)

Contact Information

Oahu	(808) 543-4760	connect@hawaiianelectric.com
Maui County	(808) 871-8461 ext. 2445	connectmauicounty@hawaiianelectric.com
Hawaii Island	(808) 543-4760	connecthawaiiisland@hawaiianelectric.com

Select App Type

Requestor

1. Choose an application type. For this example, first click on the Smart DER tile **A**.
2. Then click on the Smart DER Non-Export (SDN) tile **B**.
3. Then click on the SDN + Bring Your Own Device (BYOD) tile **C**.
4. Then click on the BYOD Level 1 tile **D**.
5. Then click on the Submit button **E**.

The screenshot shows the 'Select App Type' page on the Hawaiian Electric portal. The page features a grid of application type tiles. The tiles are:

- Interim Programs**: Customer Grid-Supply Plus (CGS+), Smart Export, and Customer Self-Supply (CSS) programs applicable to distributed energy resource (DER) projects under 100kW. All interim programs are set to close on March 31, 2024 (date subject to change).
- NEM Plus (NEM+)**: Available only to NEM customers with a signed agreement who want to add non-export capacity to their current system. Additional conditions may apply.
- Smart DER (A)**: Long-term distributed energy resource (DER) programs open to all project sizes with two rider options: Export or Non-Export. Installation of an advanced meter and participation in Time-Of-Use (TOU) rates are required to enroll.
- AMEND**: Amendments available for existing executed agreements. Ability to document equipment changes, apply for Battery Bonus, or Bring Your Own Device (BYOD) on executed agreements.
- Smart DER Export (SDE)**: Export program available to renewable technologies where compensated export is acceptable with no time restrictions.
- Smart DER Non-Export (SDN) (B)**: Non-Export program available to all types of generator technologies. The system is designed to not export electricity to the grid and there is no compensation for excess energy.
- SDN Only**: Does not require energy storage.
- SDN + Bring Your Own Device (BYOD) (C)**: Requires energy storage with the ability to receive additional compensation for providing grid services in accordance with the enrolled BYOD Level requirements.
- BYOD Level 1 (D)**: Scheduled dispatch of a committed capacity during a specified timeframe.

A 'Submit' button (E) is located at the bottom right of the page.

Project Location

Location

1. Enter the meter number **A** and corresponding zip code **B**.
 - » Once entered, the remaining project location information will be generated automatically.
2. Manually add the tax map key number **C**.
 - » **Please note:** this is a combination of your Island (or County) number and your Parcel ID Number. Click the information button **D** for specific instructions on how to enter your tax map key number.
 - » There is an option to enter additional tax map keys if needed **E**.

Project Accessibility

1. Answer the basic property accessibility questions **F**, including the name and phone number of the contact person **G**.
2. Include any special instructions for entering the property (ex: gate codes, etc.) **H**.
 - » This section can be left blank if access is not an issue.
3. Once you have entered all necessary information, click the Save and Continue button **I**.

The screenshot shows the 'Project Location' form in the Hawaiian Electric portal. The form is divided into two main sections: 'Project Location' and 'Property Accessibility'. Callouts A through I are placed over various fields and buttons to indicate where user input is required.

- A:** Meter Number field (value: MPX000875910)
- B:** Zip Code field (value: 96817)
- C:** Tax Map Key Number field (value: 1231231231231)
- D:** Information icon for Tax Map Key Number
- E:** '+ Additional Tax Map Key' button
- F:** 'Are equipment disconnects and electrical meters accessible to Hawaiian Electric Companies personnel?' question with radio buttons for Yes/No.
- G:** Contact Person field (value: John Smith)
- H:** Special Instructions field (value: Gate code: 1234)
- I:** 'Save and Continue' button

Other visible fields include Service Address (4321 WEST RD.), Unit, City (HONOLULU), State (HI), and Rate (1_R). A disclaimer for AMI Meter is also present.

Contact Information

Property Owner

1. Indicate if the property is owned under an individual, company, or held under a trust **A**.
2. Indicate if the property owner matches the C&C tax map records **B**.
 - » If it does not, a copy of the deed to your property is required and can be attached here **C**.
3. Fill out the rest of the basic property owner information **D**.

System Owner

1. Indicate if the system will be leased **E**.
2. Fill out the basic system owner information **F** including a valid email address and phone number.

The screenshot shows the 'Contact Information' form in the Hawaiian Electric portal. The form is divided into two main sections: 'Property Owner' and 'System Owner'. The 'Property Owner' section includes a dropdown for ownership type (Individual, Company, Trust), fields for first and last name, a checkbox for matching C&C tax map records, a mailing address, city, state, and zip code, an email address, and phone number fields with type selection (Cell, Home, Work). The 'System Owner' section includes a dropdown for leasing status, a company name field, and similar personal information fields for the system owner. Callouts A-F are placed over the form to indicate required fields and options.

Contact Information (Cont'd)

PV Contractor

1. Select the company name of your assigned contractor from the drop-down menu **A**.
 - » Once the name is selected, their contact information will auto-populate. If your contractor is not listed, please ask them to register on the site.
2. It is required to provide authorization for the contractor to act on behalf of the Property Owner. Download the authorization form by clicking this link **B**.
 - » Fill out the Property Owner information and the Authorized Contractor Company Name **C**.
 - » Then the Property Owner must sign and date the bottom of the second page **D**.
3. Upload the signed Grant of Authorization form **E**.
4. When all the information has been entered and the Grant of Authorization has been uploaded **F**, click Save and Continue **G**.

System Type

System Type

1. Enter the system type information **A**.
2. If you're installing a battery storage unit within your system, check Yes **B**. Otherwise, check No.
 - » Note that if you're applying for a BYOD program, energy storage is required.
3. Choose your Energy Storage Operation Type **C** from the drop-down menu.
 - » Choose Self-consumption if you are only applying for an SDN program without BYOD.
 - » Choose Schedule Dispatch if you are applying for a Level One BYOD.
 - » Choose Remote Dispatch if you are applying for a Level Two or Level Three BYOD.
 - » Choose Other if you have a unique case not displayed in the drop-down menu. (ex: You own multiple battery systems, one for BYOD and one for self-consumption)
 - » For this example, **choose Scheduled Dispatch**.
4. Select whether your energy storage system is AC Coupled or DC Coupled **D**.

The screenshot shows the 'System Type' form in the Hawaiian Electric portal. The form is titled 'System Type' and includes a note: 'Solar PV is the only accepted generating technology in this portal.' The form is divided into two main sections: 'System Type' and 'BYOD Information'.

System Type Section:

- A:** What technology are you installing? (REQUIRED) - Solar
- B:** Are you using Energy Storage? (REQUIRED) - Yes No
- C:** Energy Storage Operation Type (REQUIRED) - Scheduled Dispatch (selected in the dropdown menu)
- D:** Is the ESS AC coupled or DC coupled? (REQUIRED) - AC Coupled DC Coupled This is for a hybrid or customer microgrid

BYOD Information Section:

- Are you currently enrolled in utility's Demand Response program? (REQUIRED)

System Type (Cont'd)

BYOD Information

1. Indicate whether you are currently enrolled in the Demand Response program **A**.
2. Select the committed capacity of your BYOD **B**.
3. Indicate if you will use a dispatch agent for BYOD enrollment **C**.
 - » If you wish to have your battery directly connected to the Hawaiian Electric grid, you will not use a dispatch agent, so click No.
 - » If you wish to go through a third party, then you will use a dispatch agent, so click Yes.
4. Select how you wish to receive your W9 documentation **D**.
5. Select your Scheduled Dispatch time slot from the drop-down menu **E**.
6. When you have completed entering information on this page, click Save and Continue **F**.

APPLY FOR INTERCONNECTION

- ✓ Program Selection
- ✓ Project Location
- ✓ Contact Information
- ▶ System Type
 - System Type
 - BYOD Information
- Project System Components
- Additional Information & Drawings
- Application Summary

DC Coupled
 This is for a hybrid or customer microgrid

BYOD Information

A Are you currently enrolled in utility's Demand Response program? **REQUIRED**
 No

B BYOD Committed Capacity Select **REQUIRED**
 1 kW

C Will a dispatch agent be used for BYOD enrollment? **REQUIRED**
 Yes No

D BYOD W9 Option **REQUIRED**
 W-9 will be physically mailed
 Please send me an electronic version via DocuSign

E Please select one timeslot from the options **REQUIRED**
 4:00 PM - 6:00 PM

F Save and Continue

Project System Components

AC Disconnect

1. Enter your AC Disconnect information.
 - » If you did not see your AC Disconnect manufacturer in the drop-down menu, you can check the AC Disconnect Not on List box **A** and manually input the information.
2. Otherwise, select the AC Disconnect Manufacturer **B** and Model **C** from their respective drop-down menu options.
3. Indicate if the AC Disconnect is Single or Three phase **D**.
4. Indicate whether the mounting location is next to the main service disconnect or in another specified location **E**.

The screenshot displays the 'Project System Components' form in the Hawaiian Electric portal. The form is titled 'AC Disconnect' and contains several sections:

- AC Disconnect #1:**
 - AC Disconnect Not On List **A**
 - AC Disconnect Manufacturer **B** (REQUIRED): General Electric
 - AC Disconnect Model **C** (REQUIRED): TC72268R1
 - Type **C**: Fused
 - Phase **D** (REQUIRED): Single
 - Rated Amps: 1200
 - Rated Volts: 600
 - Uses multiple disconnects
 - Mounting Location - Next to: **E** (REQUIRED): Main Service Disconnect
- Inverter #1:**
 - Inverter Manufacturer (REQUIRED): Altenergy Power Systems
 - Inverter Model (REQUIRED): DS3-L w/ ECU-C, CT or ECU-R, Meter CT
 - Inverter Type: Micro
 - Quantity (REQUIRED): 1

The left sidebar shows a navigation menu with 'Project System Components' expanded to 'AC Disconnect #1'.

Project System Components (Cont'd)

Inverter #1

1. Select the Inverter Manufacturer **A**.
2. Select the Inverter Model from the list of qualified inverters **B**.
 - » Inverters not on the list do not meet standard requirements.
3. Indicate the quantity of inverters **C**.
 - » The number of Central Inverters is one by default.
 - » The number of Micro Inverters should match the total panel quantity per string.

PV Panels #1

1. Input the PV Panel information.
 - » If you do not see your panel manufacturer in the drop-down menu, check the PV Panel Not on List box **D** and manually input the information.
2. Select the Panel Manufacturer **E**.
3. Select the Panel Model **F**.
4. Indicate the quantity of panels **G**.

APPLY FOR INTERCONNECTION

- ✓ Program Selection
- ✓ Project Location
- ✓ Contact Information
- ✓ System Type
- ▶ Project System Components
 - AC Disconnect
 - AC Disconnect #1
 - Inverter #1
 - PV Panels #1
- Additional Information & Drawings
- Application Summary

Rated Volts
600

Uses multiple disconnects

Mounting Location - Next to: **REQUIRED**
Main Service Disconnect

Inverter #1 x

A Inverter Manufacturer **REQUIRED**
Altenergy Power Systems

B Inverter Model **REQUIRED**
DS3-L w/ ECU-C, CT or ECU-R, Meter CT

Inverter Type
Micro

C Quantity **REQUIRED**
1

A/C Output Rating (kW)
0.768

Total Inverter Rating (kW)
0.77

PV Panels #1 x

D PV Panel Not On List

E Panel Manufacturer **REQUIRED**
A2Peak Power

F Panel Model **REQUIRED**
POWER ON P220-6x10

G Panel Quantity **REQUIRED**
10

STC Rating
0.22

Total Panel Rating (kW)
2.20

[+ Add PV Panel](#)

Total Panel Quantity
10



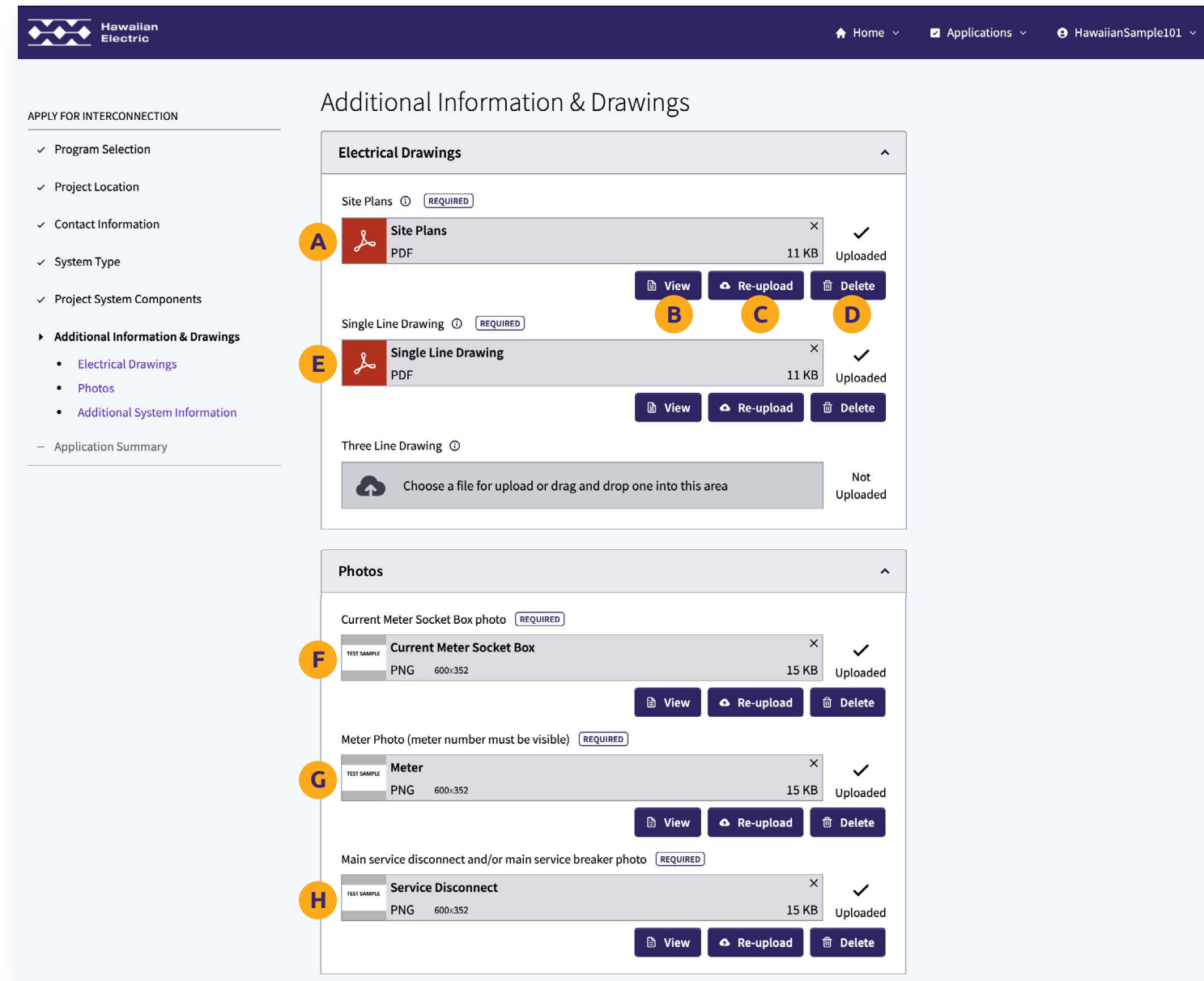
Additional Information & Drawings

Electrical Drawings

1. Upload your plans, electrical drawings and photos.
 2. First, upload your site plan **A** by dragging it into the upload box or clicking the upload box to select your file.
 - » Click the View button **B** to verify the correct site plan has uploaded successfully.
 - » Click the Re-Upload button **C** if you would like to upload a different file.
 - » Click the Delete button **D** to remove the file you have uploaded.
 3. Upload your Single-Line Drawing **E**.
 - » A Three-Line Drawing is only required if your system is over 30 kilowatts or is 3 Phase.

Photos

1. Upload a photo of your Current Meter Socket Box **F**.
2. Upload a photo of your current Meter **G**.
 - » Ensure that your meter number is clearly visible.
3. Upload a photo of your main service disconnect and/or main service breaker **H**.



Additional Information & Drawings (Cont'd)

Additional System Information

1. Enter your Maximum Generating Capacity in kilowatts **A**.
2. Enter your Maximum Export in kilowatts **B**.
3. Indicate whether your system will require a relay trip scheme **C**.
 - » If it does, upload your relay trip scheme here **D**.
4. Once all information has been entered, click Save and Continue **E**.

The screenshot shows a web application interface for 'APPLY FOR INTERCONNECTION'. The left sidebar lists navigation options: Program Selection, Project Location, Contact Information, System Type, Project System Components, Additional Information & Drawings (with sub-items: Electrical Drawings, Photos, Additional System Information), and Application Summary. The main content area is titled 'Additional System Information' and contains the following fields:

- 'Are you tapping load or line side of the customer's main panel?' (dropdown menu)
- 'Tracking Type' (dropdown menu)
- 'Maximum Site Load Without Generation (kW)' (input field)
- 'Minimum Site Load Without Generation (kW)' (input field)
- 'Maximum Generating Capacity (kW)' (input field with value '2', marked as REQUIRED, and labeled with a yellow circle 'A')
- 'Maximum Export (kW)' (input field with value '1', marked as REQUIRED, and labeled with a yellow circle 'B')
- 'Does your system require relay trip scheme?' (radio button selection with 'Yes' and 'No' options, marked as REQUIRED, and labeled with a yellow circle 'C'). The 'No' option is selected, and a yellow circle 'D' is placed over the 'No' text.

At the bottom right of the form is a 'Save and Continue' button with a right-pointing arrow, labeled with a yellow circle 'E'.

Application Summary

1. Take a moment to review your application and make sure all of your information is correct.
2. Once you've ensured your information has been entered properly, click the Submit Application button **A**.

Application Summary

Please review your application information in the sections below. You may make any changes by clicking the Edit button. Once your review is complete, please click "Submit". Some fields are additional changes can be made once you click "Submit".

Program Selection

Program: **WALK**

Application Type: **Smart DER - Non-Export**

BIOSI Used: **No BIOSI**

Project Location

Address: **WALK**

Project Location: **WALK**

Project Meter Number: **9999999999**

Project Zip: **96729**

Project Service Address: **9999999999**

Project City: **WALK**

Project State: **HI**

Project Tax Map Key: **9999999999**

Property Accessibility

Property Accessibility: **No**

Property Accessibility - Contact Person: **John Smith**

Property Accessibility - Contact Phone: **(808) 123-4567**

Property Accessibility - Special Instructions: **Gate code 1234**

Contact Information

Property Owner: **WALK**

Property Type: **Individual**

Property Owner First Name: **John**

Property Owner Last Name: **Smith**

Property Owner Suffix: **No**

Property Owner matches TRS: **No**

Property Owner Mailing Address: **303 Mailing Address**

Property Owner City: **WALK**

Property Owner State: **HI**

Property Owner Zip: **96729**

Property Owner Email: **john.smith@example.com**

Property Owner Phone Number: **(808) 123-4567**

Property Owner Mobile Phone Number: **(808) 123-4567**

Property Owner Type of Alternate Phone Number: **No**

System Owner

System Is Listed: **No**

System Owner

Contractor Company Name: **123 Light Energy**

Contractor First Name: **John**

Contractor Last Name: **Smith**

Contractor Mailing Address: **123 Light Energy**

Contractor City: **WALK**

Contractor State: **HI**

Contractor Zip: **96729**

Contractor Email: **john.smith@123light.com**

Contractor Phone Number: **(808) 123-4567**

Contractor Phone Number Type: **Cell**

Grant of Authorization: **File Uploaded**

System Type

System Type: **WALK**

System Type: **Solar**

Using Energy Storage: **No**

Hybrid or Customer Microgrid: **No**

Project System Components

AC Disconnect

AC Disconnect: **WALK**

AC Disconnect Is Listed: **No**

AC Disconnect Manufacturer: **General Electric**

AC Disconnect Model: **1CT2000L**

AC Disconnect Run Type: **Fixed**

AC Disconnect Phase: **Single**

AC Disconnect Funded: **0.00**

AC Disconnect Funded Units: **0.00**

AC Disconnect Rated kVA: **100**

AC Disconnect Multiple Disconnects: **No**

AC Disconnect Mounting Location: **Main Service Disconnect**

Inverter

Inverter Manufacturer: **ABB Power Systems**

Inverter Model: **ABB W1010-C1 or C2A or C2B or C2**

Inverter Type: **Micro**

Inverter Quantity: **1**

Inverter AC Output Rating (kW): **0.75**

Inverter AC Max Inverter Rating (kW): **0.75**

PV Panels

PV Panel Is Listed: **No**

PV Panel Manufacturer: **ABB Power**

PV Panel Model: **ABB PV100-120W-60V**

Number of Panels: **30**

PV Panel STC Rating: **0.22**

PV Panel Total Rating (kW): **6.60**

Panel Mounting: **0.00**

Panel Mounting Units: **0.00**

Inverter Group Subtotal: **0.75**

Subtotal System Size (kW): **0.75**

Program (kW): **0.75**

Additional Information & Drawings

Electrical Drawings

Site Plans: **File Uploaded**

System Component Single-Line Drawing: **File Uploaded**

System Component Three-Line Drawing: **No File Uploaded**

Photos

Minor Socket Box: **File Uploaded**

Minor Photos: **File Uploaded**

Minor Service Disconnect: **File Uploaded**

Additional System Information

Tagging Used in File: **No**

Mounting Method

Transformer Tagging Type

Maximum Size Load Without Generation (kW): **0.00**

Maximum Size Load With Generation (kW): **0.00**

Maximum Generating Capacity (kW): **0.00**

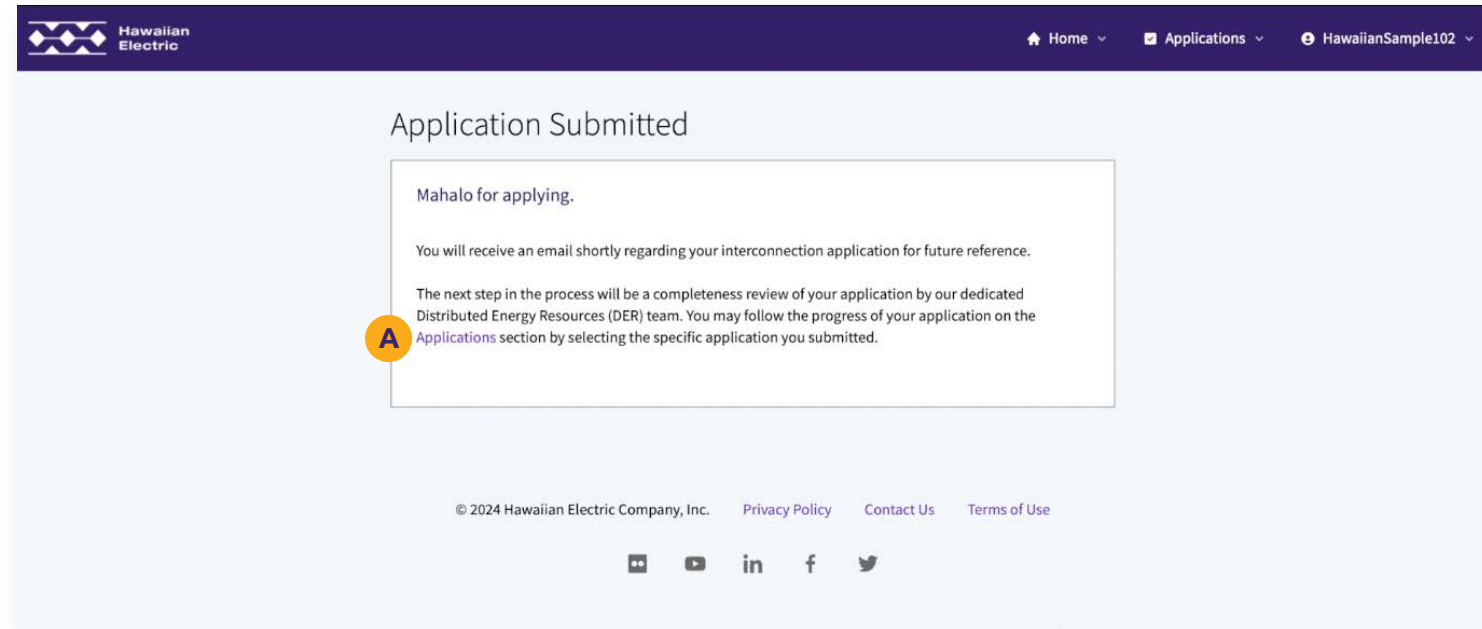
Maximum Export (kW): **0.00**

System Components Meeting Tap Scheme Requirement: **No**

Submit

Application Submitted

You will receive a confirmation email, and you may follow the progress of your application by clicking on the Applications **A** section and selecting the specific application you submitted.



We're Here to Help

We hope that this overview guide has helped to clarify the application process and give a better understanding of how to use the Customer Interconnection Tool. If you need additional assistance, please visit our [FAQ](#) for more information, or contact our Customer Energy Resources Team either by phone or email.

Hawaiian Electric

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**Hawaiian
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