



Edge Zero Installer UI Flow – Product 1.10v

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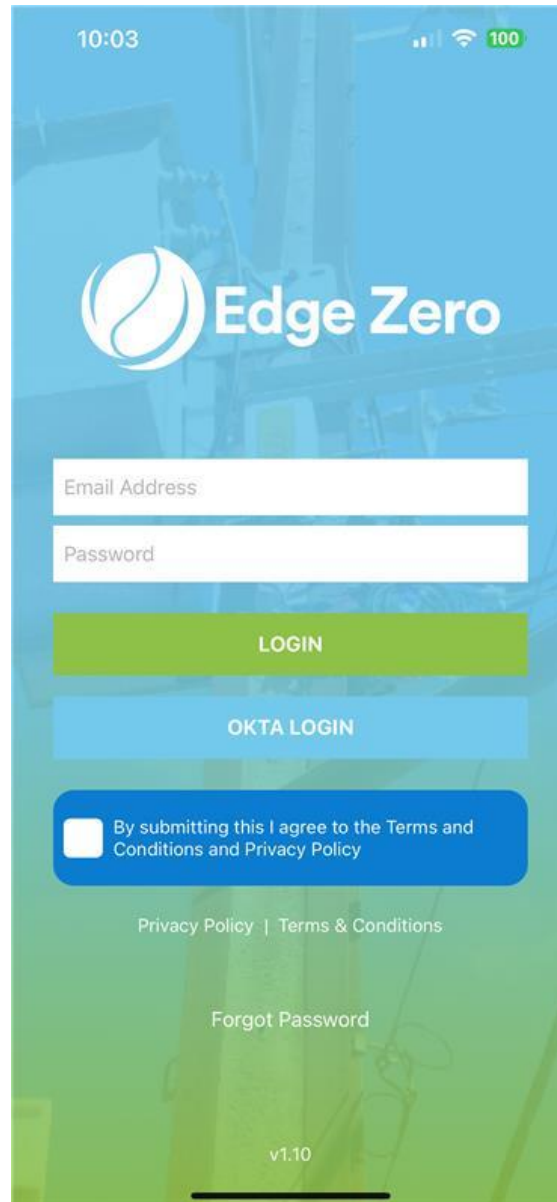


1. Login

After successfully installing the Edge Zero Installer App, the first screen you will see is the Login screen. This is where you enter your credentials to access the app's features.

There are 2 ways to login:

1. Standard Login – Login by entering a valid Email and Password.
2. Okta Login – Exclusive for Essential Energy users, allow users to login via OKTA.



2. Company Selection

Immediately after successfully logging into the Edge Zero Installer App, users associated with "Edge Electrons" or multiple partners will be directed to the "Select Site Type" screen. This step ensures that all subsequent installations are attributed to the relevant partner or company.

A screenshot of a mobile application interface. At the top, a blue header bar contains the time "3:31", signal strength bars, a Wi-Fi icon, and a battery icon showing "55%". Below the header, the title "Select Site Type" is centered. The main content area is light gray. It features a white rectangular input field with the placeholder text "Reseller / Distributor / Retailer". Below this field is a solid green button with the text "NETWORK SITE" in white. Underneath the button, there is instructional text: "Type in the name of the company you're installing on behalf of" followed by "If you're an independent installer and unable to find your company name from the list, select 'Edge Electrons'". A black horizontal line is visible at the very bottom of the screen, representing the home indicator bar.

To select a company:

1. Click Reseller / Distributor / Retailer
2. A Select Company page will open. In the "Search Company" field, begin typing the first **3 (three)** letters of the company name you are installing on behalf of. As you type, a list of matching companies will populate below the search bar.

A screenshot of a mobile application interface titled "Select Company". The screen has a light blue header bar with the title. Below the header is a search bar with the placeholder text "Search Company". To the left of the search bar, there is instructional text: "To assign the device correctly, please enter the first 3 letters from the name of the company requesting the install and select from the list that populates." and "If there is no company to assign the device to, please enter **Edge Electrons** in the box above." The search bar contains the text "Edge E". Below the search bar, a list of suggestions is visible, with "Edge Electrons" being the first and only item shown. A virtual keyboard is displayed at the bottom of the screen, showing the letters "q w e r t y u i o p" on the top row, "a s d f g h j k l" on the second row, and "z x c v b n m" on the third row, along with a "space" key and a "return" key.

3. From the populated list, tap on the correct company name to select it.
4. The selected company Name will be populated on the Reseller / Distributor / Retailer field.
5. Click NETWORK SITE button to proceed to next step.

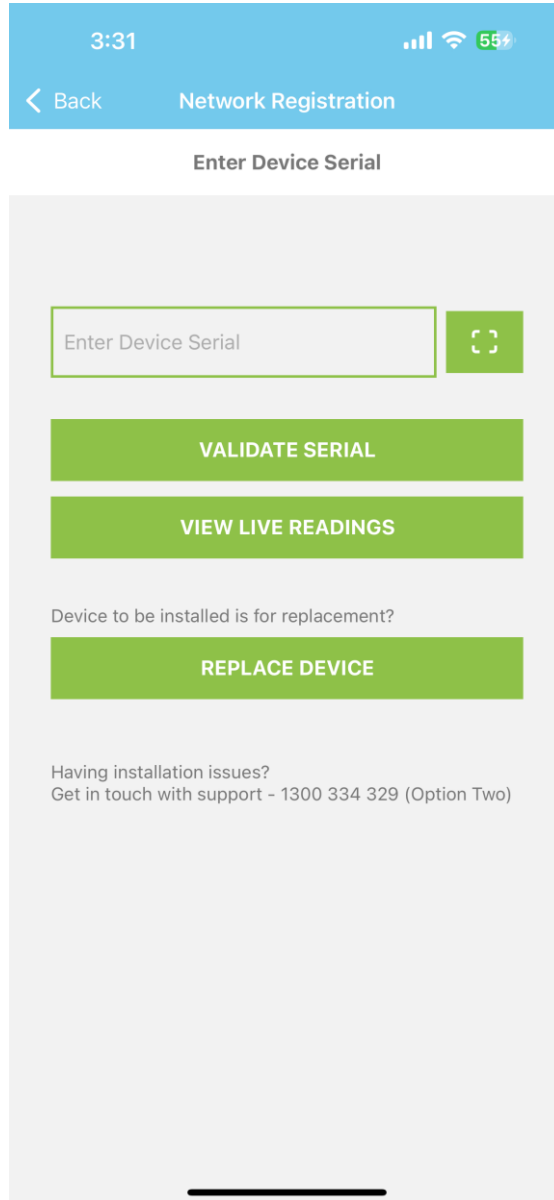
3. Enter Device Serial

After successfully logging in and selecting your partner company (if applicable), you will arrive at the "Network Registration" screen. This is where you begin the process of adding or replacing an Edge Zero device.

If you are associated only to one partner, this will be the default page after you login.

This is the starting point where you will input the device serial number to begin installing the device.

If the device is to be installed for a replacement, click Replace Device button to redirect to a different installation process.



There are 2 ways to enter the device serial:

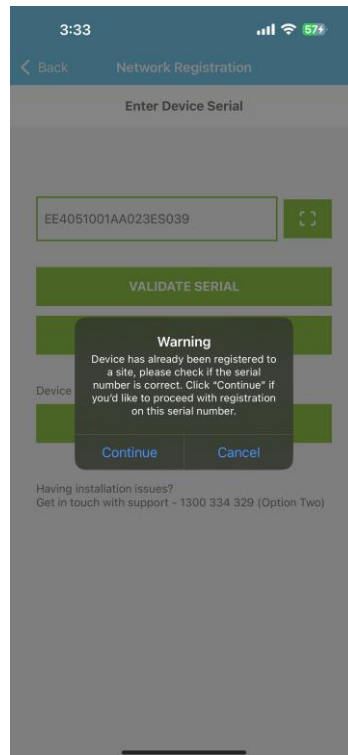
1. Scanning the Barcode - Tap the **camera icon button** next to the "Enter Device Serial" field. Your device's camera will activate. Position the camera over the device's barcode or until it is clearly visible within the frame. The app will automatically scan the code and populate the "Enter Device Serial" field.
2. Manually Enter Device Serial - Tap inside the "Enter Device Serial" field. Carefully type in the full serial number of the device. Double-check for accuracy to avoid errors.

Once the serial number is in the "Enter Device Serial" field, tap the **VALIDATE SERIAL** button.

The app will verify the serial number's authenticity and status. If successful, you will proceed to the next step. An error message will show up if the device does not exist or invalid to use on utility registration.



If the device is already registered, a warning will show up. You can proceed with registration if you click CONTINUE.



4. Enter Site Address

After successfully validating the device serial number, the app will proceed to the "Enter Site Address" screen. This step is for associating the Edge Zero device with its correct physical installation location.

A screenshot of a mobile application interface for "Network Registration". The status bar at the top shows the time 3:33, signal strength, Wi-Fi, and 57% battery. The app header is blue with a back arrow and the text "Network Registration". Below the header, the title "Enter Site Address" is centered. The main content area has a light gray background and contains a map icon, a prompt to provide a site address, a dropdown menu labeled "Select from Address List", a text input field labeled "Select Address", and a green "CHECK ADDRESS" button.

3:33 57%

< Back Network Registration

Enter Site Address

Please provide the site address of the product to be registered below

Choose method on how to provide the address

Select from Address List

Select Address

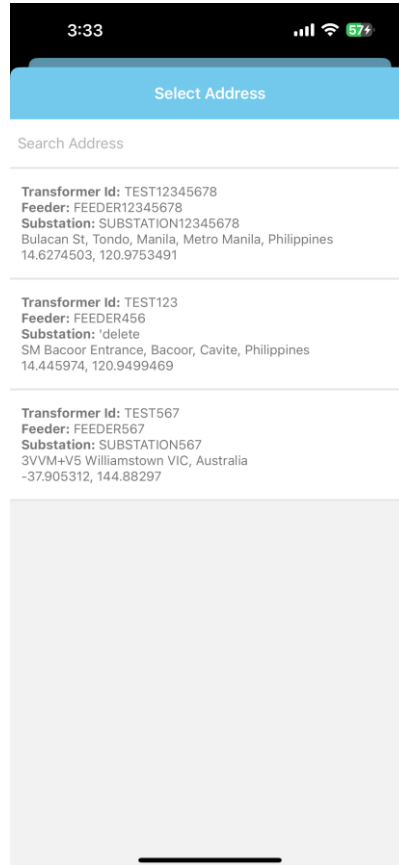
CHECK ADDRESS

There are 3 methods to provide the address

1. Select from Address List

This is the primary method, allowing installers to select an address from a pre-existing list of pending installations assigned on the Edge Zero Utility Portal

To select from address list, tap the Select Address field, a new screen will appear displaying addresses associated with your pending installations from the Edge Zero Utility Portal.

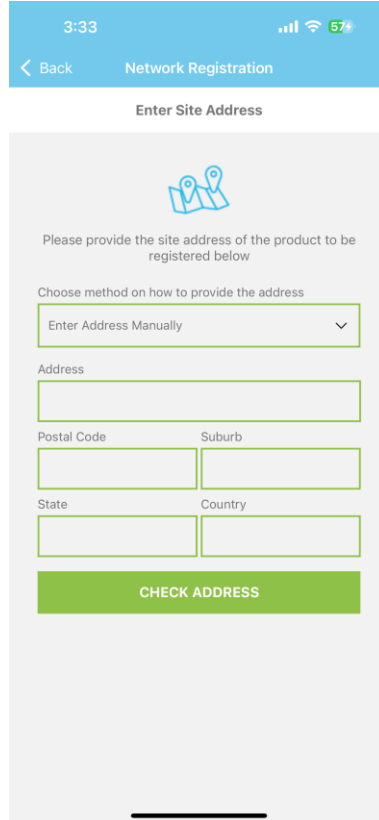


You can search from the list and tap on the specific address entry that matches your current installation site.

The app will automatically return you to the "Enter Site Address" screen, with the chosen address now populated in the Select Address field.

2. Enter Address Manually

Use this method when the installation site address is not available in the pre-existing list, or for new locations. The app will get the address latitude & longitude based on the provided address.



3:33 57%

< Back Network Registration

Enter Site Address

Please provide the site address of the product to be registered below

Choose method on how to provide the address

Enter Address Manually

Address

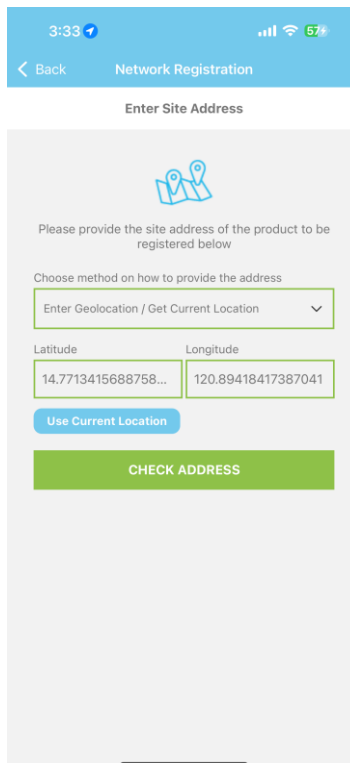
Postal Code Suburb

State Country

CHECK ADDRESS

3. Enter Geolocation or Get Current Position

This method allows you to specify the site's location using precise GPS coordinates or by automatically retrieving your device's current location. This is particularly useful for new sites or when a specific street address isn't precise enough.



3:33 57%

< Back Network Registration

Enter Site Address

Please provide the site address of the product to be registered below

Choose method on how to provide the address

Enter Geolocation / Get Current Location

Latitude Longitude

14.7713415688758... 120.89418417387041

Use Current Location

CHECK ADDRESS

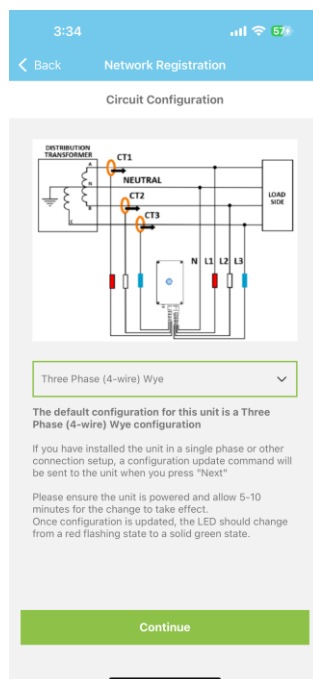


When using the Get Current Position, make sure that the GPS is turned on and permissions to the get the location are allowed.

Once the address field is provided, click CHECK ADDRESS to validate that the information provided are correct. Once successful, it will go to the next process.

5. Enter Circuit Configuration

After successfully entering and verifying the site address, the app will transition to the "Circuit Configuration" screen. This screen is for setting the correct electrical configuration for device you are installing.



To select the circuit configuration, click the dropdown field. By default, Three Phase Wye Configuration is selected. Currently these are the circuit configuration you can select: Single Phase (2-wire), Single Phase (3-wire) Line-to-Earth, Single Phase (3-wire) Line-to-Line, Three Phase (3-wire) Delta with LineC Earthed, Three Phase (4-wire) Wye Line-to-Neutral and Three Phase (3-Wire) Delta with Mid Tap Connection on A-B.

Once you select a new circuit configuration, the image diagram displayed on top of dropdown will update based on the selected circuit configuration.

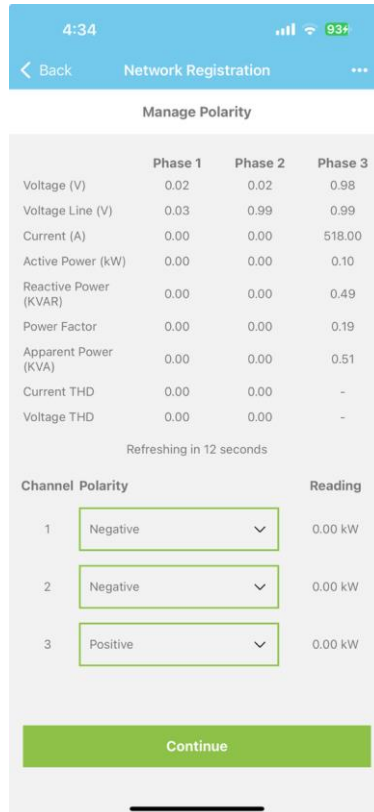
Once you select the correct circuit configuration, click the CONTINUE button.

A progress of your current installation will immediately be saved. A command will also send to the installed device to update the circuit configuration based on the selected config.

6. Manage Polarity

After setting the Circuit Configuration, the app will display the "Manage Polarity" screen. This step allows you to verify and, if necessary, adjust the polarity of each channel to ensure that the device is recording energy consumption accurately (i.e., as positive values).

A live data will also display that refreshes every minute to confirm the device is properly installed



4:34 93%

< Back Network Registration ...

Manage Polarity

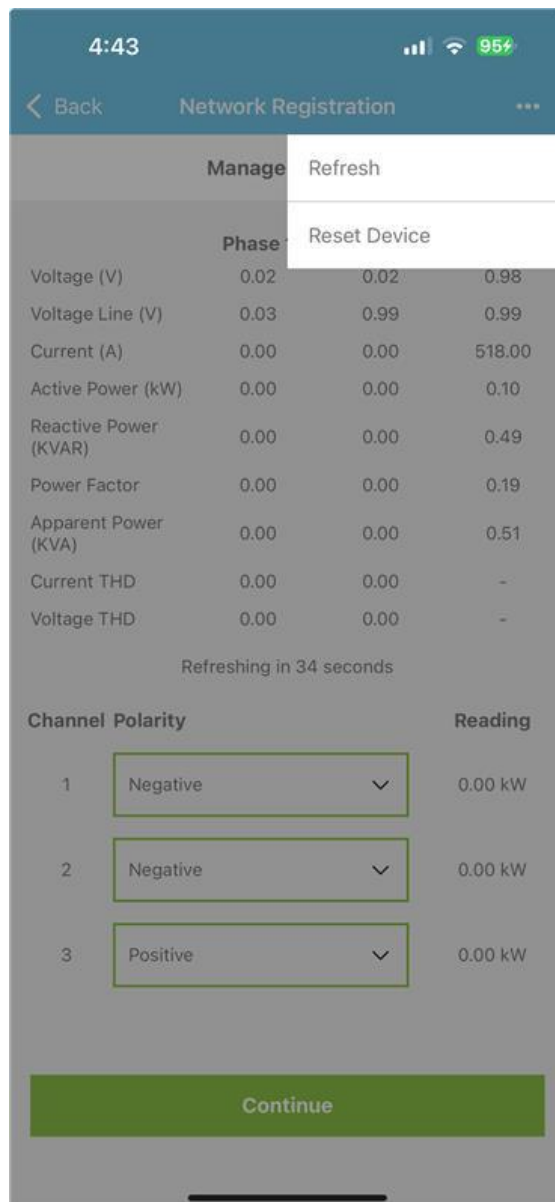
	Phase 1	Phase 2	Phase 3
Voltage (V)	0.02	0.02	0.98
Voltage Line (V)	0.03	0.99	0.99
Current (A)	0.00	0.00	518.00
Active Power (kW)	0.00	0.00	0.10
Reactive Power (KVAR)	0.00	0.00	0.49
Power Factor	0.00	0.00	0.19
Apparent Power (KVA)	0.00	0.00	0.51
Current THD	0.00	0.00	-
Voltage THD	0.00	0.00	-

Refreshing in 12 seconds

Channel	Polarity	Reading
1	Negative	0.00 kW
2	Negative	0.00 kW
3	Positive	0.00 kW

Continue

To update the polarity, tap the corresponding dropdown of the channel you want to change the polarity. Once you have verified that all three channels have correct polarity for each, tap the Continue button to proceed to the next step.



4:43 95%

< Back Network Registration ...

Manage Refresh

Reset Device

	Phase		
Voltage (V)	0.02	0.02	0.98
Voltage Line (V)	0.03	0.99	0.99
Current (A)	0.00	0.00	518.00
Active Power (kW)	0.00	0.00	0.10
Reactive Power (KVAR)	0.00	0.00	0.49
Power Factor	0.00	0.00	0.19
Apparent Power (KVA)	0.00	0.00	0.51
Current THD	0.00	0.00	-
Voltage THD	0.00	0.00	-

Refreshing in 34 seconds

Channel	Polarity	Reading
1	Negative	0.00 kW
2	Negative	0.00 kW
3	Positive	0.00 kW

Continue

Aside from updating the polarity, on the top right button, you also have an option to manually refresh the device live data or reset the device. Resetting the device will restart the device and reset to its default configuration.

6. Enter Network Details

After managing the polarity for the device, the app will navigate to the "Enter Network Details" screen. This screen requires you to input specific information regarding the electrical network and the physical installation characteristics of the device.

3:34
57%
< Back
Network Registration

3:34
58%
< Back
Network Registration

Enter Network Details

Enter Network Details

DTME Serial	EE4051001AA023ES039	Feeder	
Transformer Id *		Substation	
Feeder		KVA Rating *	
Substation		Temperature Rating	65
KVA Rating *		Voltage Rating	433
Temperature Rating	65	Energization Date	09 Jul 2025
Voltage Rating	433	Transformer Manufacturer	
Energization Date	09 Jul 2025	Circuit Load Type *	Select an item
Transformer Manufacturer		Line Type	Select an item
Circuit Load Type *	Select an item	Installation Type *	Select an item
Line Type	Select an item	Current Tap Position	
Installation Type *	Select an item	No. of Tap Positions	Select an item
Current Tap Position			
No. of Tap Positions	Select an item		

CONTINUE

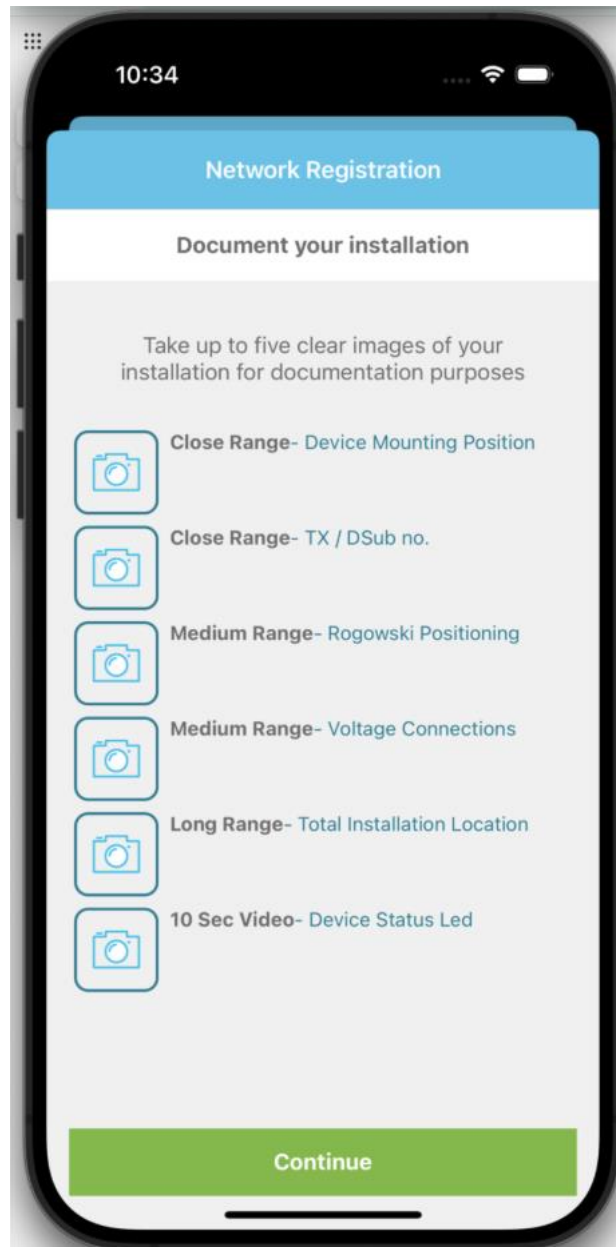
Required fields are marked with asterisk (*)

If you selected the site address using Method 1: Select from Address List (from a pending installation), several fields on this screen may be automatically populated based on the data associated with that pre-existing address.

Once all fields (especially the required ones marked with *) are populated, tap the **CONTINUE** button to proceed to next step.

7. Document Your Installation

After providing all network details, the app will transition to the "Document your installation" screen. This essential step allows you to capture photographic evidence of the completed installation for documentation and verification purposes.



There are 2 ways to select an image

Take a Picture – Selecting Take a Picture allows you to directly capture photo using your camera

Select From Gallery – Selecting Select From Gallery allows you to select picture from the phone's gallery.

Please make sure the necessary phone permissions are allowed to be able to use camera or able to access the phone's gallery.

Provide the following visual documentation by tapping on the camera icon next to each specific section:

- **Close Range - Device Mounting Position:** Upload one (1) close-up image showing how the device is securely mounted.



- **Close Range - TX / DSub no.:** Upload one (1) close-up image of the TX and/or DSub number for identification purposes.
- **Medium Range - Rogowski Positioning:** Upload one (1) medium-range image illustrating the correct positioning of the Rogowski coils.
- **Medium Range - Voltage Connections:** Upload one (1) medium-range image clearly showing all voltage connections.
- **Long Range - Total Installation Location:** Upload one (1) wide-angle, long-range image showcasing the overall installation site and environment.
- **10 Sec Video - Device Status Led:** Upload one (1) video with maximum 10s duration focusing on the Device Status LED to demonstrate its current operational status.

8. Review Your Installation

This is the final step in the device installation process. After documenting your installation with images, the app will present the "Review Your Installation" screen. This screen provides a summary of all the information you have provided for the device.

Once you are confident that all details are accurate and complete, tap the **Confirm and Submit Registration** button.

A screenshot of the 'Review Your Installation' screen in the Edge Zero app. The screen has a light blue header with a back arrow and the title 'Network Registration'. Below the header, the title 'Review Your Installation' is centered. The main content area is divided into two sections: 'Device Details' and 'Network Details'. Each section contains a list of key-value pairs for installation information. At the bottom of the screen, there is a green button labeled 'Confirm and Submit Registration'.

Device Details	
Serial	EE4051001AA023ES039
Product Type	GridDataLogger
DT Connection	Three Phase (4-wire) Wye

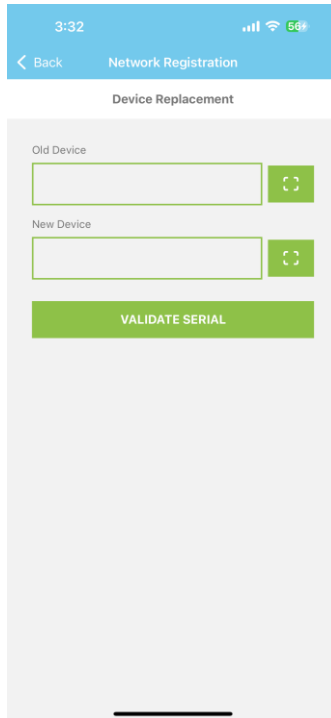
Network Details	
Transformer Id	TLN12
kVA Rating	250
Temperature Rating	65
Voltage Rating	433
Energization Date	09-Jul-2025
Installation Type	Indoor
Circuit Load Type	Residential

Confirm and Submit Registration

The app will display a progress indicator while submitting the installation details and uploading the images added. Once the submission is successful, you will redirect to the success screen.

9. Device Replacement Process

The Edge Zero Installer App facilitates the replacement of an existing device with a new one. After you select Replace Device button from Enter Device Serial screen, it will navigate you to the "Device Replacement"



On the "Device Replacement" screen, you will provide the serial numbers for both the device being replaced and the new device.

Once both the "Old Device" and "New Device" serial numbers are entered, either via scanning using barcode or manually entering the device serial, tap the **VALIDATE SERIAL** button. The app will verify both serial numbers. It checks if the old device is registered and if the new device is valid for installation.

If validation is successful, the app will proceed to Enter Circuit Configuration screen and will proceed similarly with the normal device registration. On Enter Network Site Details step, it will use the old device records to initially fill the fields.

10. Logging Out of the App

Logging out securely ends your session, returning you to the Login screen.

From the first screen of the app (Select Company / Enter Device Serial screen), locate the **Hamburger Menu icon (☰)** at the top-left corner of the screen. Tap this icon to open the main navigation drawer. In the main menu, tap the **Logout** option. The app will immediately end your current session and redirect you back to the Edge Zero Login screen.



6:51

95%

Select Site Type

Logout

Edge Electrons

NETWORK SITE

Type in the name of the company you're installing on behalf of

If you're an independent installer and unable to find your company name from the list, select "Edge Electrons"