Microinverter APP User Guide

Northern Electric Power Co,. Ltd.

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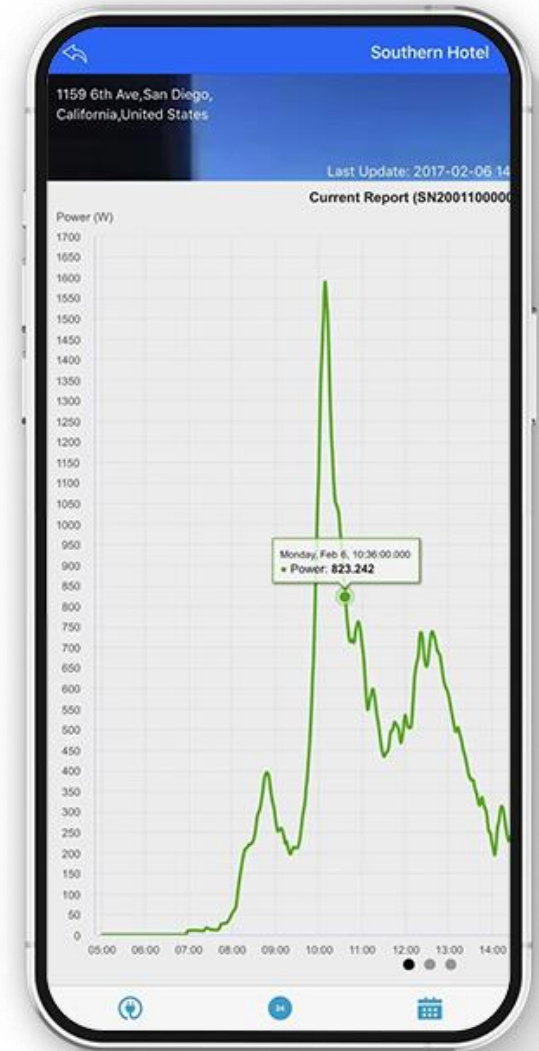
1.Monitoring Configuration

1.1.WiFi configuration

DO NOT CONNECT AC

In the state of DC connected, AC disconnected, AP mode of the microinverter will be activated.
If AC connected by accident, please unplug AC, DC to wait for memory clearance of the microinverter.

Find the AP Number

An eight-digit string can be found under the barcode on the sticker.
This is the AP Number

Step 1 Get and Open NEPViewer

- **Obtain NEPViewer App**
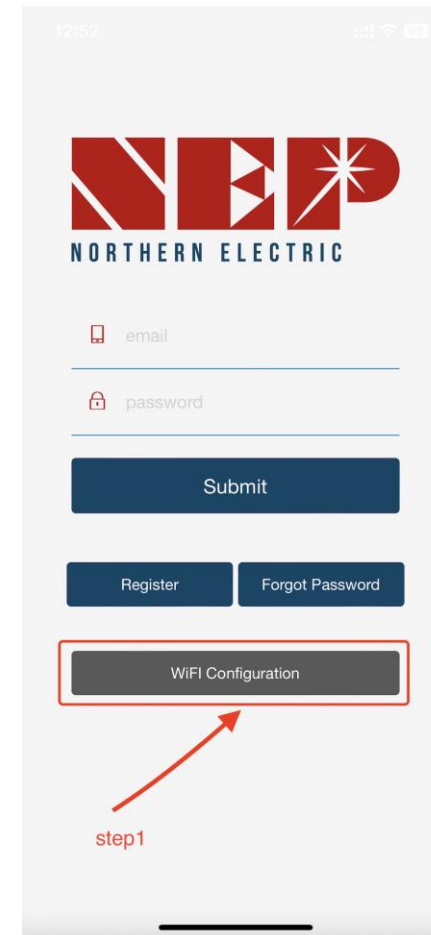

- **Open NEPViewer**

Search for NEPViewer in App Store or Google Play

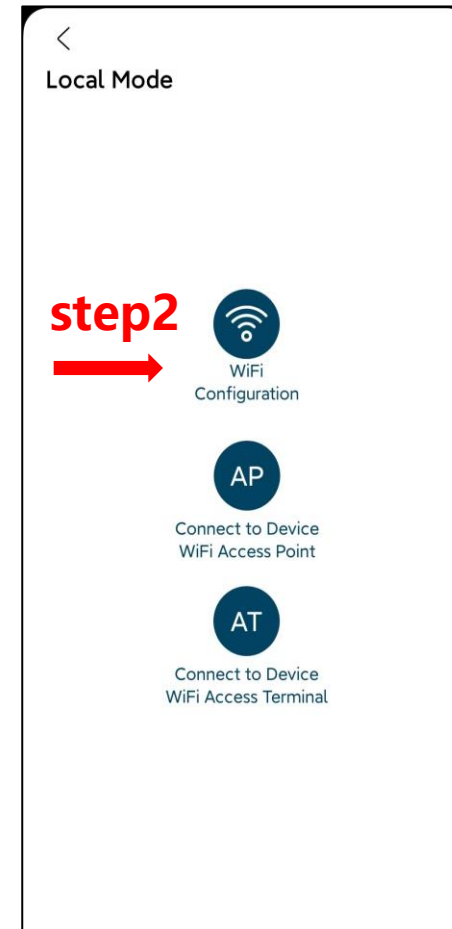*Android users can visit user.nepviewer.com for latest version APK file

Step 2 NEPViewer WiFI Configuration

- Select the distribution network entrance

Step 3 NEPViewer WiFI Configuration

- Click to enter the distribution network

Step 3 NEPViewer WiFI Configuration

- Click **Allow** to obtain geographic location permission (only pops up when installing the app for the first time)

- Please enter the home WiFi name (the current connected WiFi will be obtained by default)

- Please enter the password of your home wifi (manual input is required)
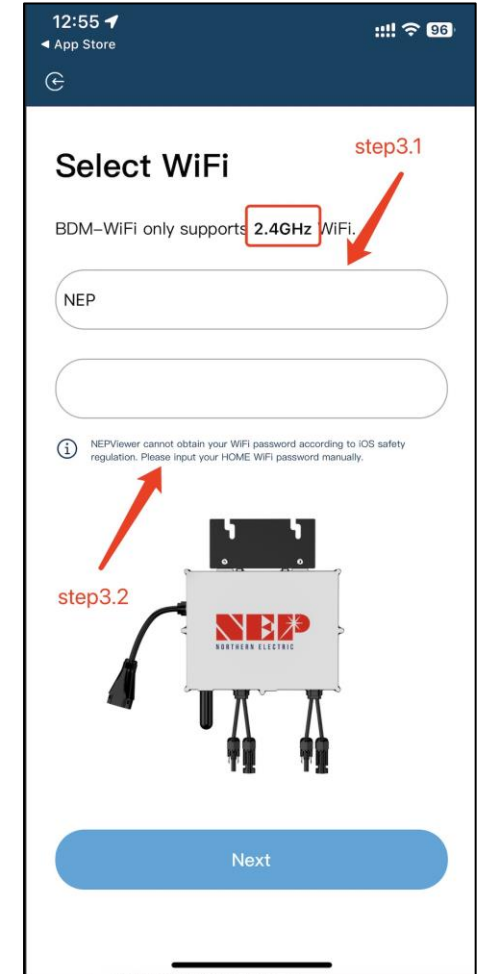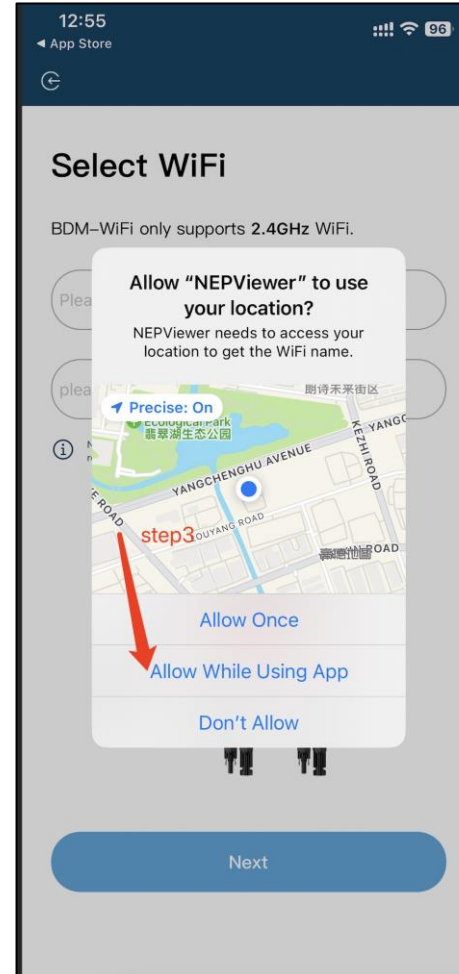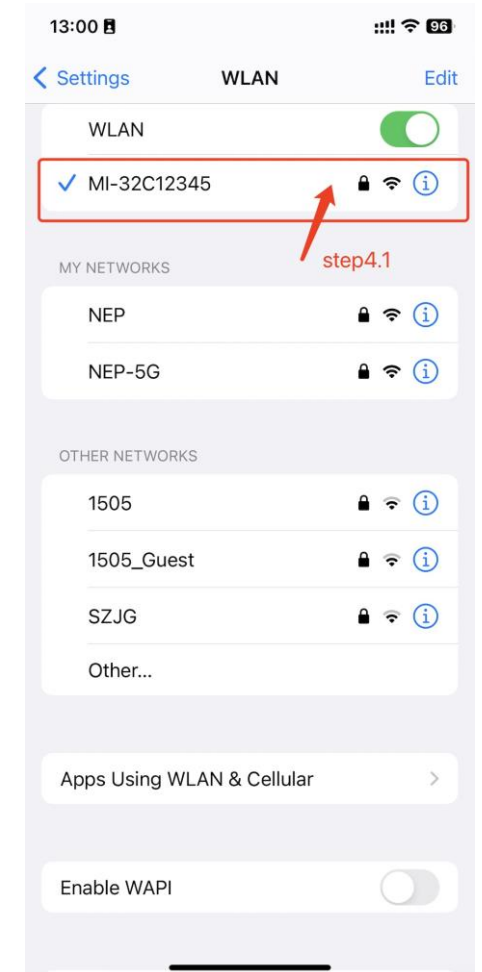
Step 3 NEPViewer WiFI Configuration

- Read the corresponding steps carefully within 90 seconds of the countdown and check that **only DC is plugged in**
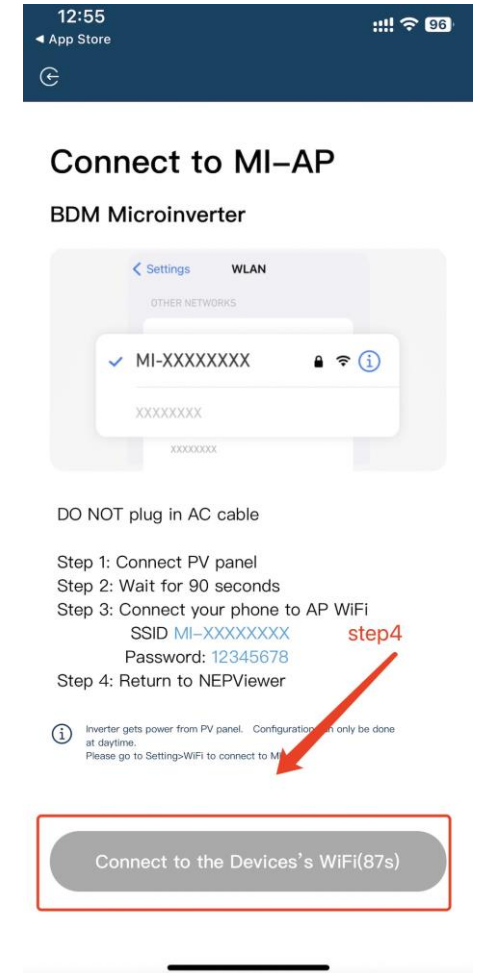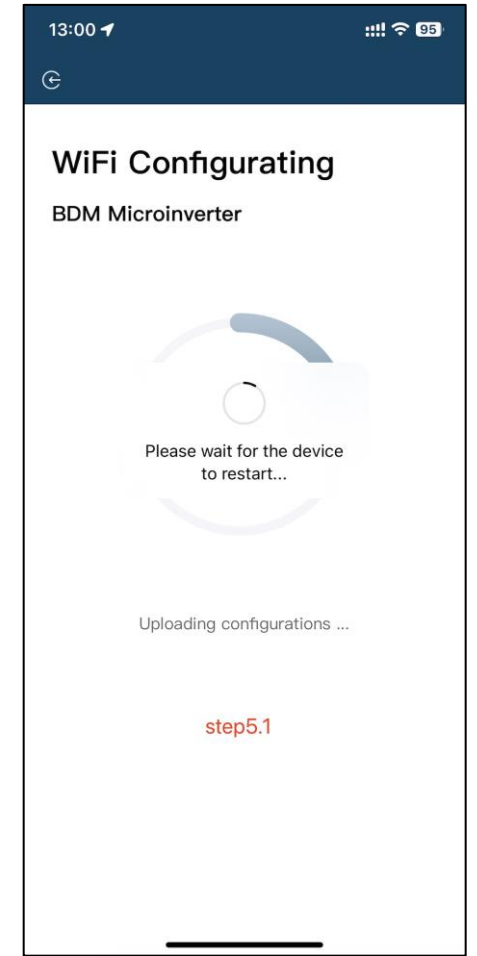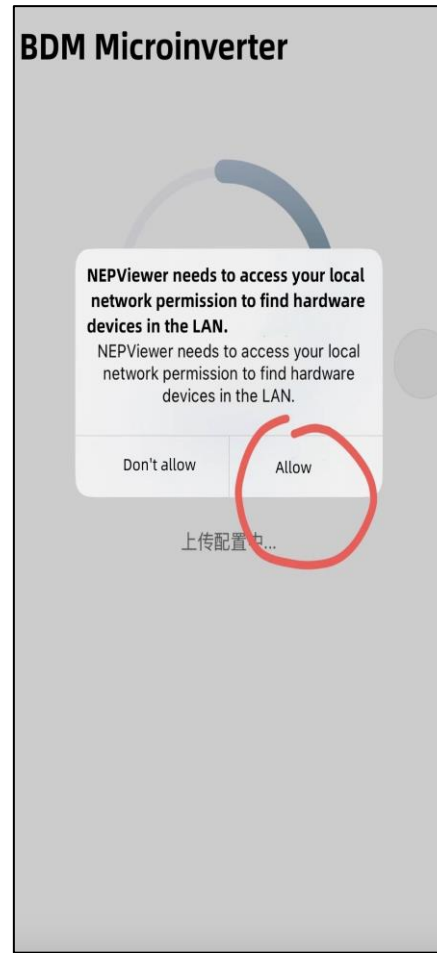
Step 3 NEPViewer WiFI Configuration

- After the countdown ends **(the button turns blue),** you can jump to the WLAN setting page to connect to the hotspot SSID: MI-XXXXXXXX

- Password: 12345678

- **Return** to NEPViewer app

Step 3 NEPViewer WiFI Configuration

- **Allow** connection to local network(It will pop up only when the app is installed for the **first** time,)

- check this permission you can go to phone settings - NEPViewer - **open** local network

- Wait for **50s** for the device to complete configuration and restart

Step 3 NEPViewer WiFI Configuration

- **Click the button** to check the connectivity (provided that the current WiFi is connected

  to the **home WiFi**

- Check that the current WiFi is connected to the home **WiFi (this step may not appear)**

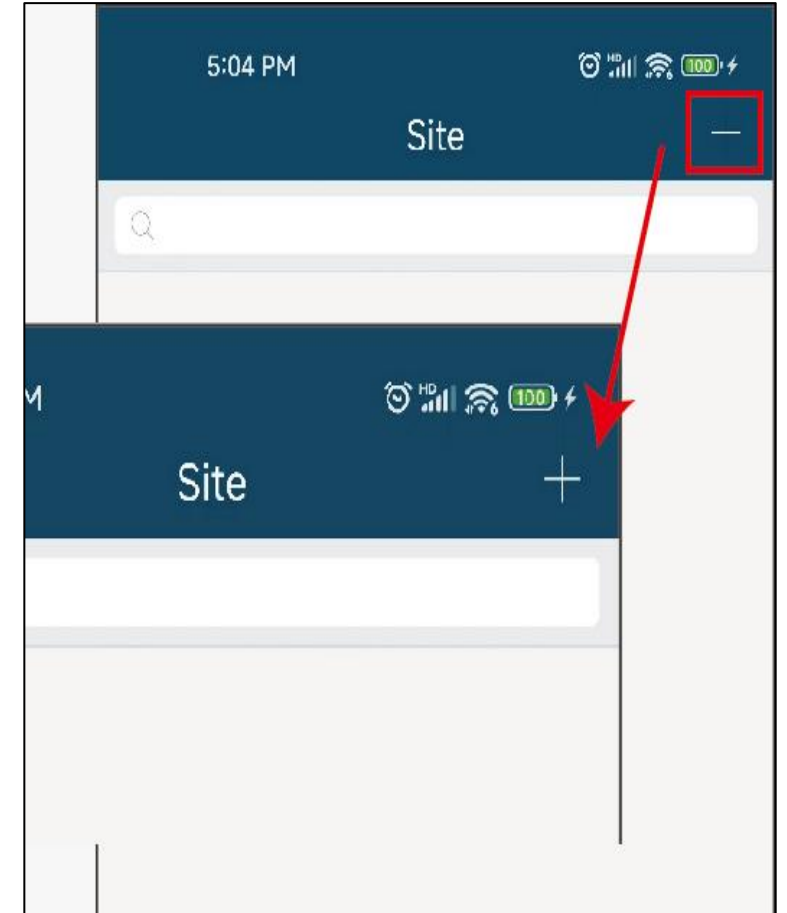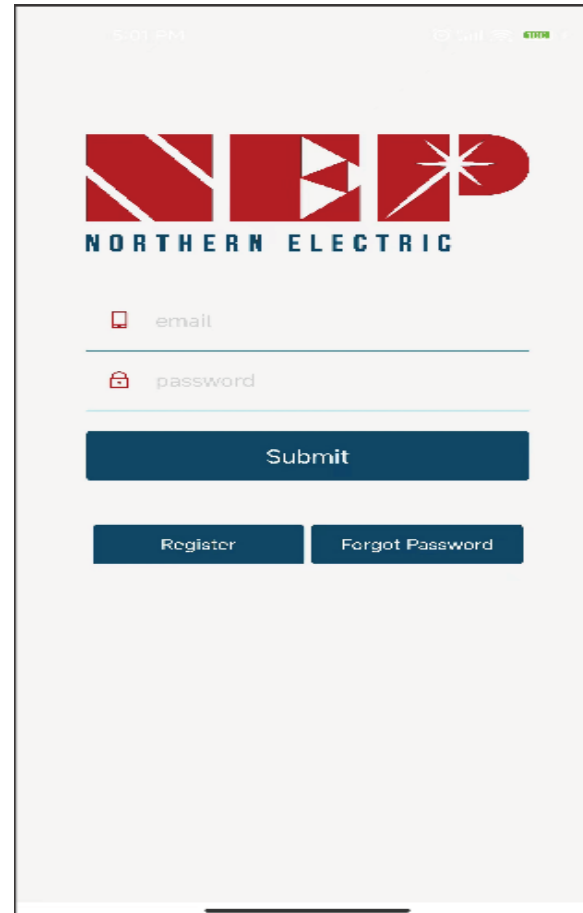- Click **Sure**, click **Next**, the WiFi configuration has been completed at this time.
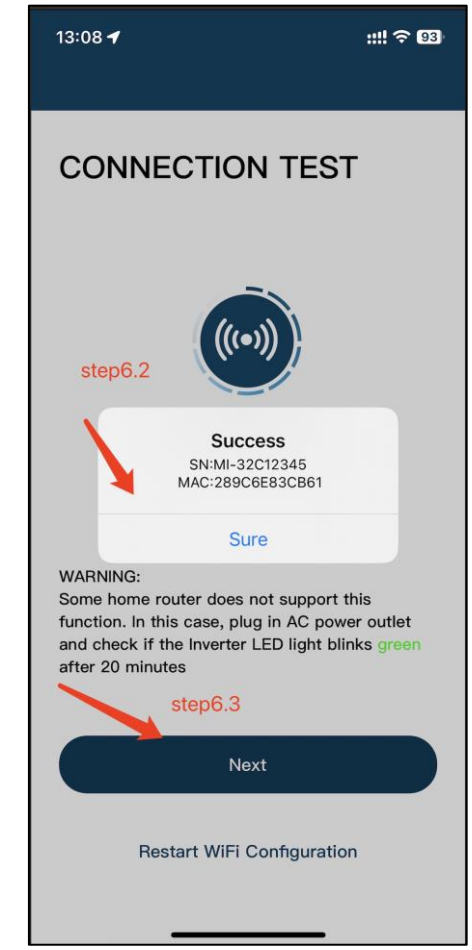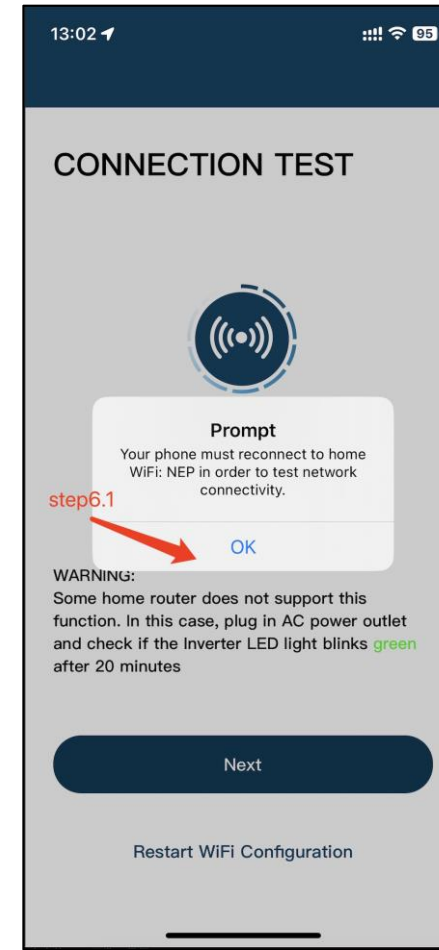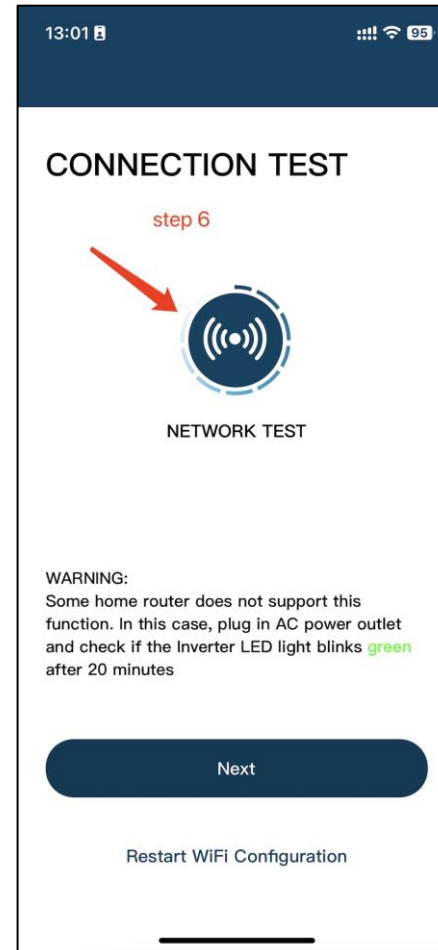
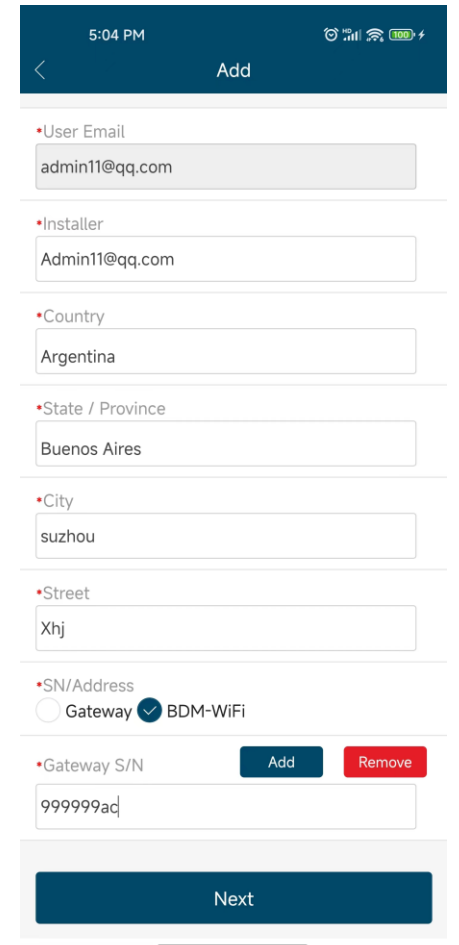# 1.Monitoring Configuration

1.2.Add inverter to NEPViewer

- **Login or Register**

*(You can see **User Interface -Login** in detail)

- **Click here to create a new site**

- LoginWiFi, can be added in the form of GATEWAY CODE

- On label of the inverter, a serial number can be found under the bar code, in form of:

  XXXXX-XXXXXXXX-X

- This EIGHT-digit-code is the GATEWAY CODE

  *(Only lowercase letters are supported)

- Fill in other detail info about your site and click on Next
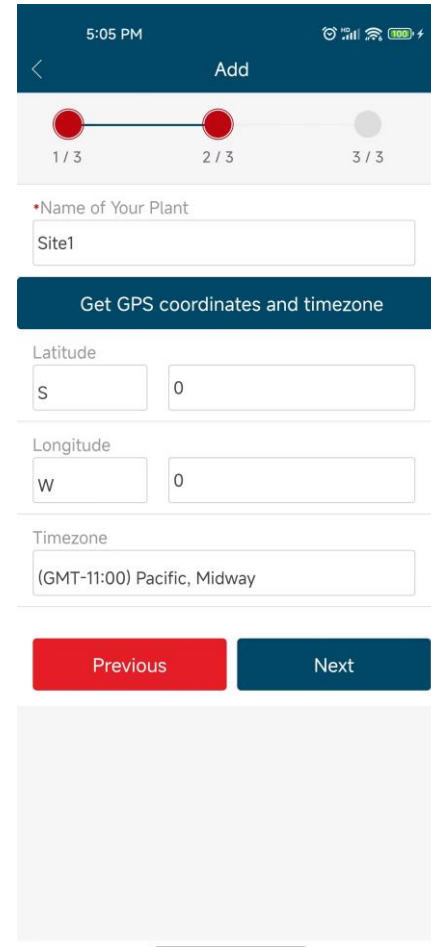
- Give a name to your site, and fill in GeoLocation click on Next
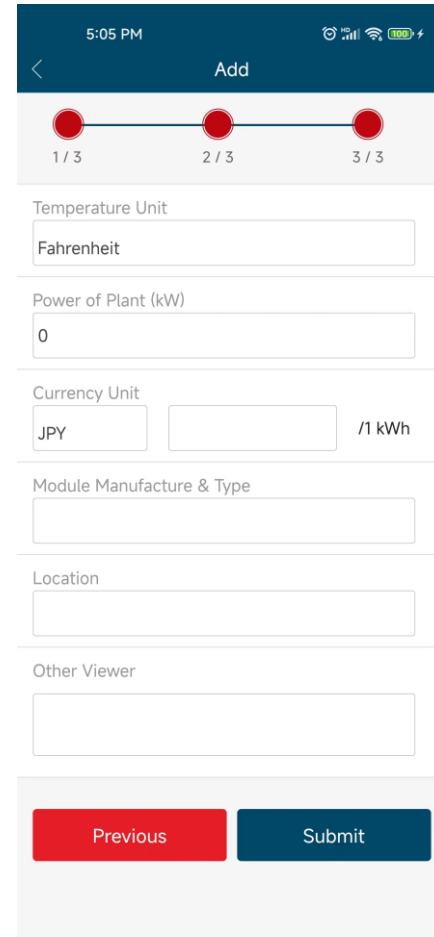
- Fill in preferences
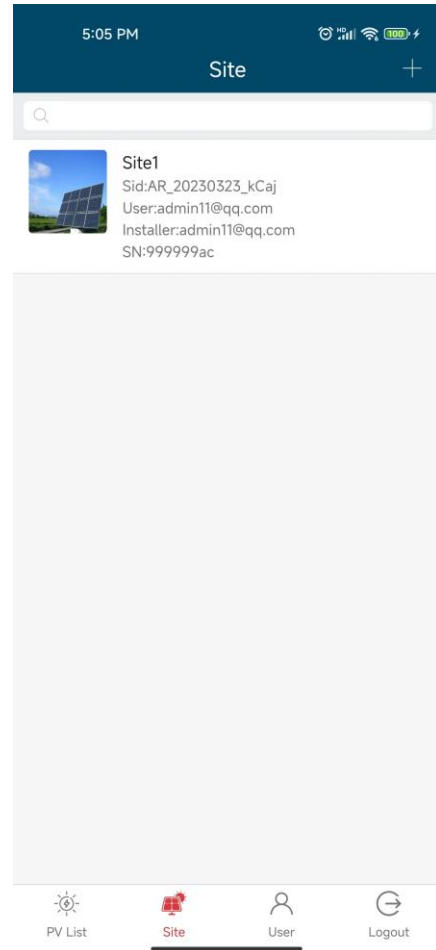
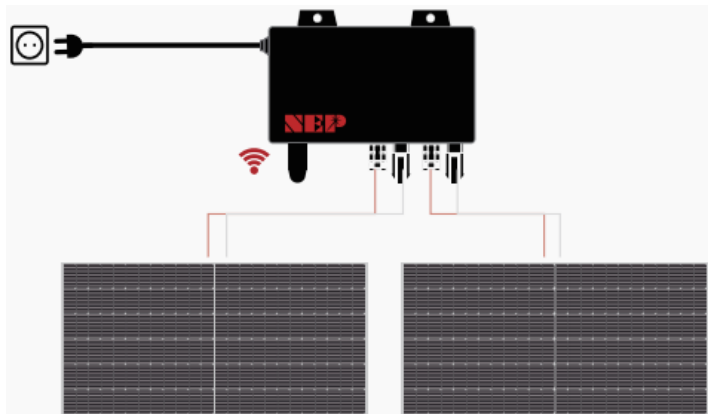- Site added when this dialog shown
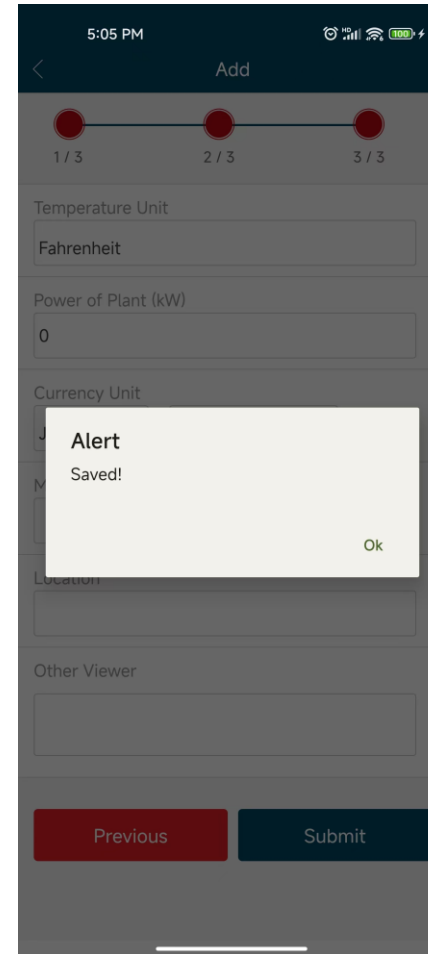
- It's all set! Enjoy your PV freedom!

1.Monitoring Configuration

1.3.Additional information
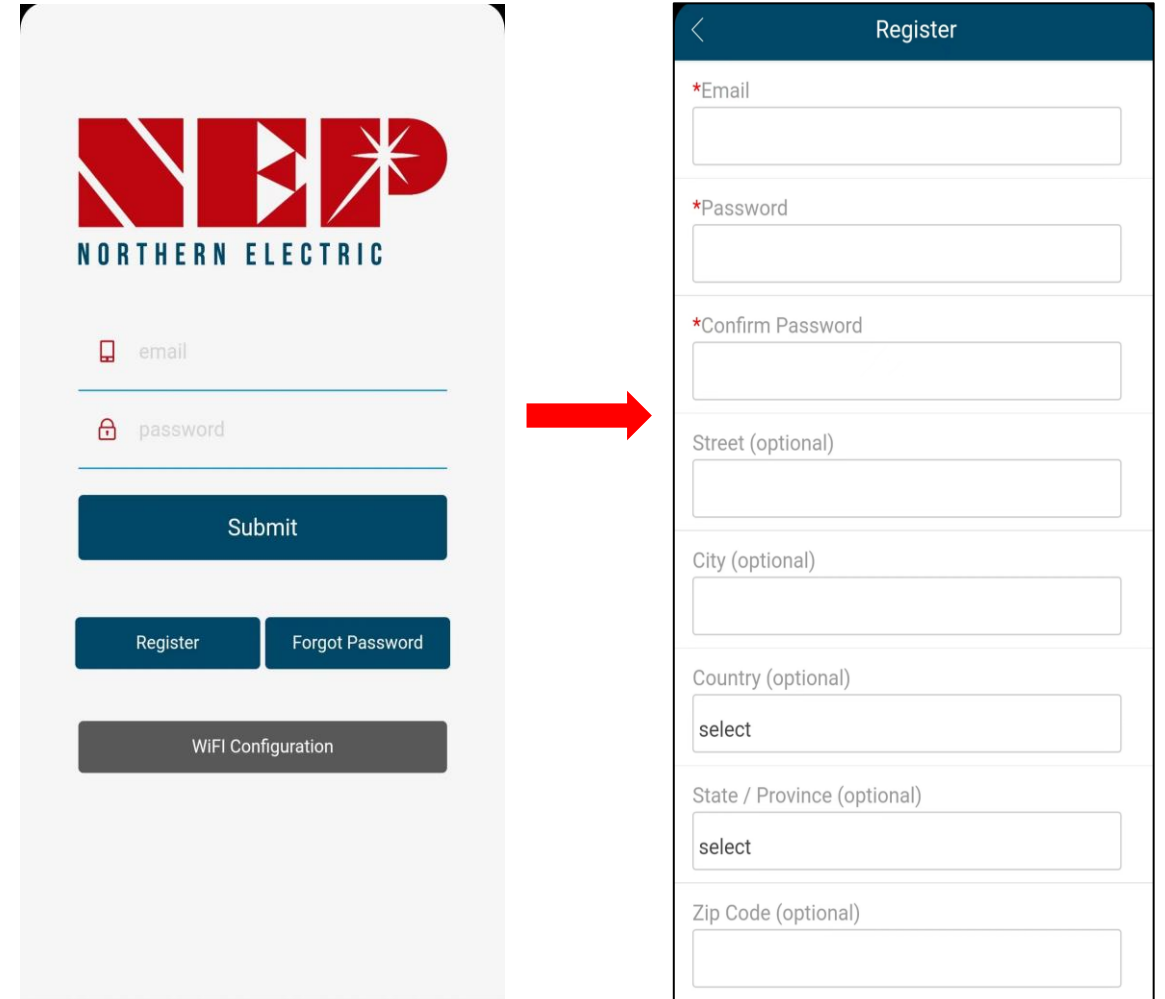
- Typical connection scheme diagram

- LED explanation

	Flashing per 1 sec	Flashing per 2 sec	Flashing per 4 sec
🟢	WiFi Connected AC connected	WiFi Connected Inverter Standby	WiFi Connected Inverter Working
🔴	WiFi not connected AC disconnected	Inverter Alert	Inverter Alert
🟠	WiFi not connected AC connected	WiFi not connected Inverter standby	WiFi not connected Inverter working

2.User Interface

2.1.Login

- Click on the button **'Register'** if you are a new user

- In detail,you can enter the info,such as Email,Password,City,Country and so on and submit it

2.User Interface

2.1.Login

- Click on the button **'Forget Password'** if you forget your login password

- In detail,you can enter the **Email** and **The last 4 digits of the contact number**

- Click on the button **Sent** ,A window will pop up with a new password,and now you get your new password successfully
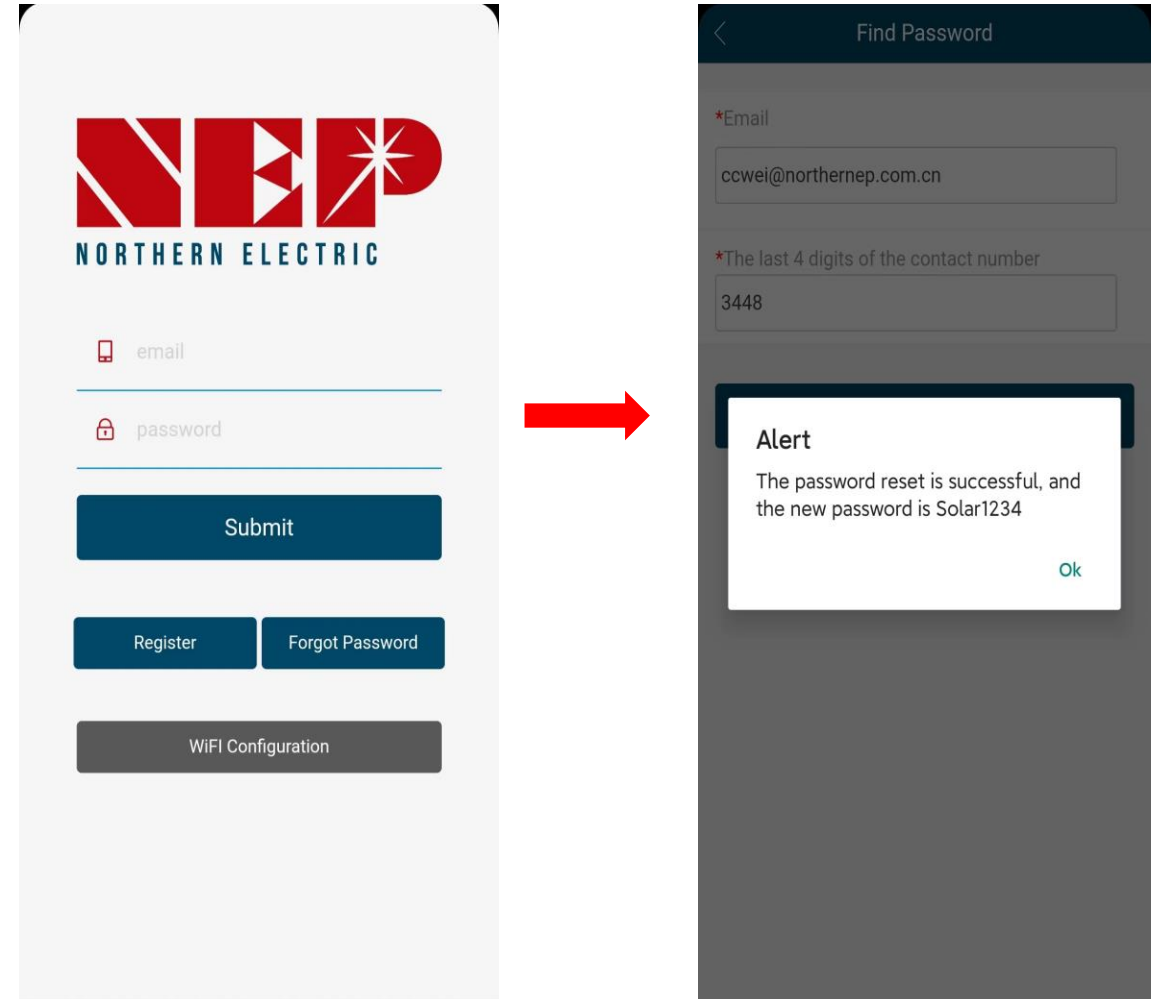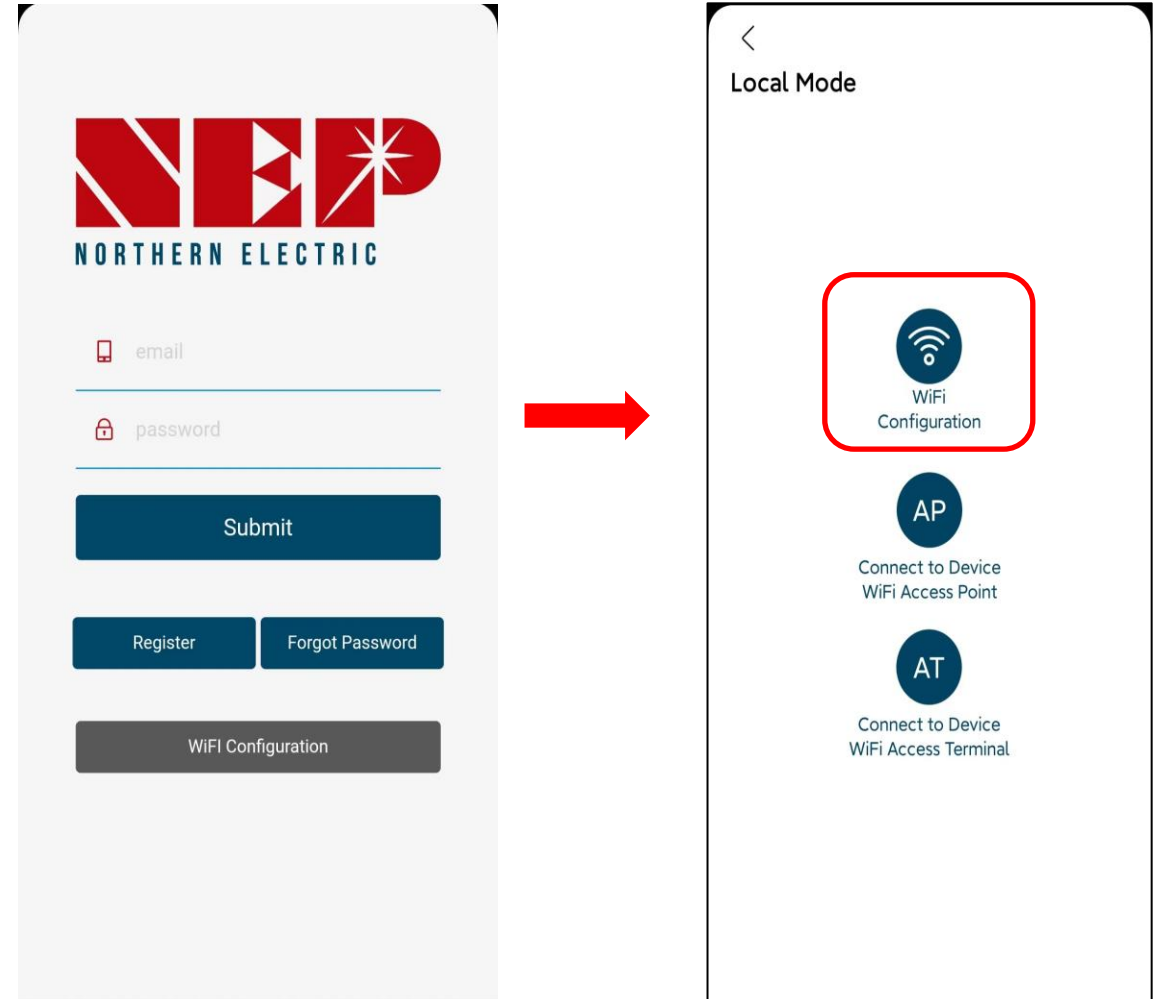
2.User Interface

2.1.Login

- Click on the button **'WiFI Configuration'** and you'll see it in detail

- In detail,click on the icon **WiFI Configuration** you will enter the distribution network

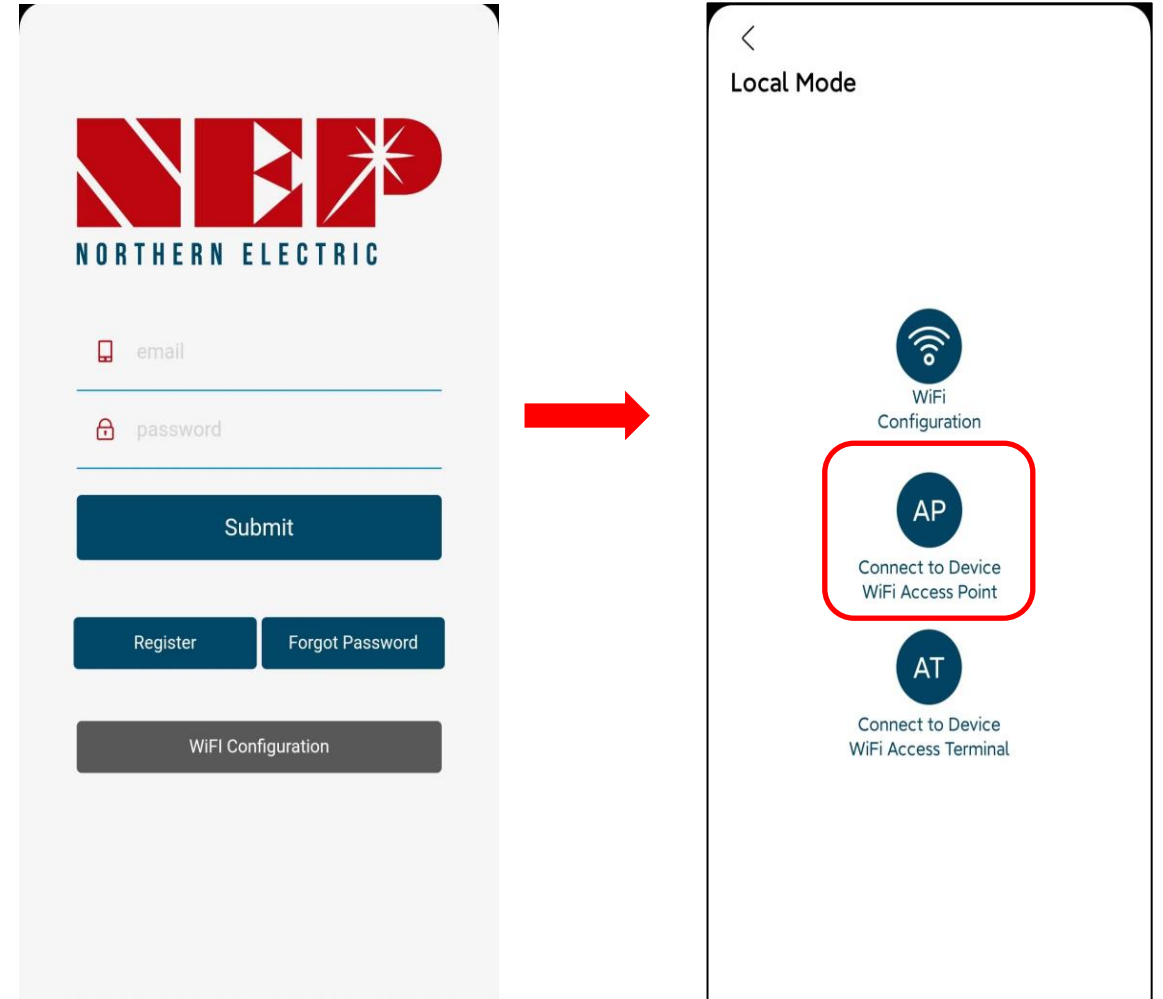*(You can see Step2-3 NEPViewer WiFI Configuration in detail)

2.User Interface

2.1.Login

- In detail,click on the icon **AP** you will enter the distribution network

*(You can see Step2-3 NEPViewer WiFI Configuration in detail)
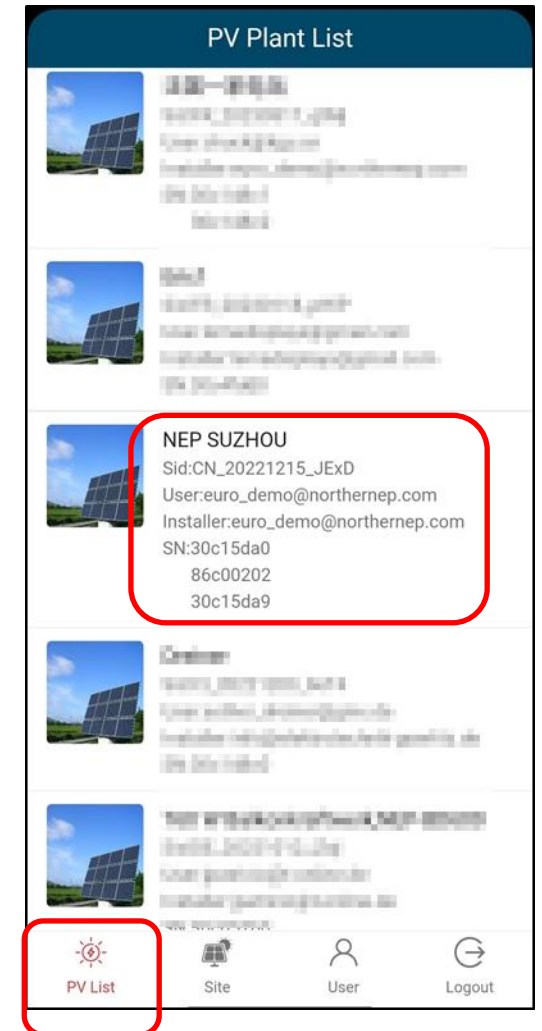
2.User Interface

2.2.PV List

- Click on this icon **'PV List'** and you'll see all the sites you've added

2.User Interface

2.2.PV List

- Click on any site you added before, **NEP SUZHOU** and you'll see it in detail
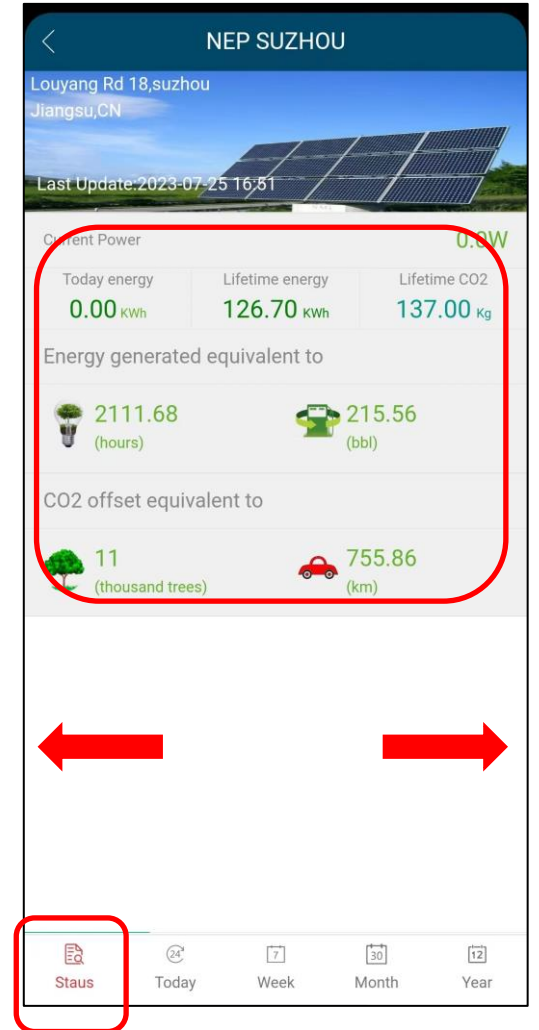
2.2.PV List

2.2.1.PV List-Status

- Click on this icon **'Status'** and you'll see it in detail

- **Current Power** 0.0W means current generation power is 0.0W

- **Today energy** 0.0kw/h means electricity generation today is 0.0kw/h

- **Lifetime energy** 126.70kw/h means total electricity generation reaches 100 kWh

- **Lifetime CO2** 137.00kg means CO2 emissions are reduced by 137 kg

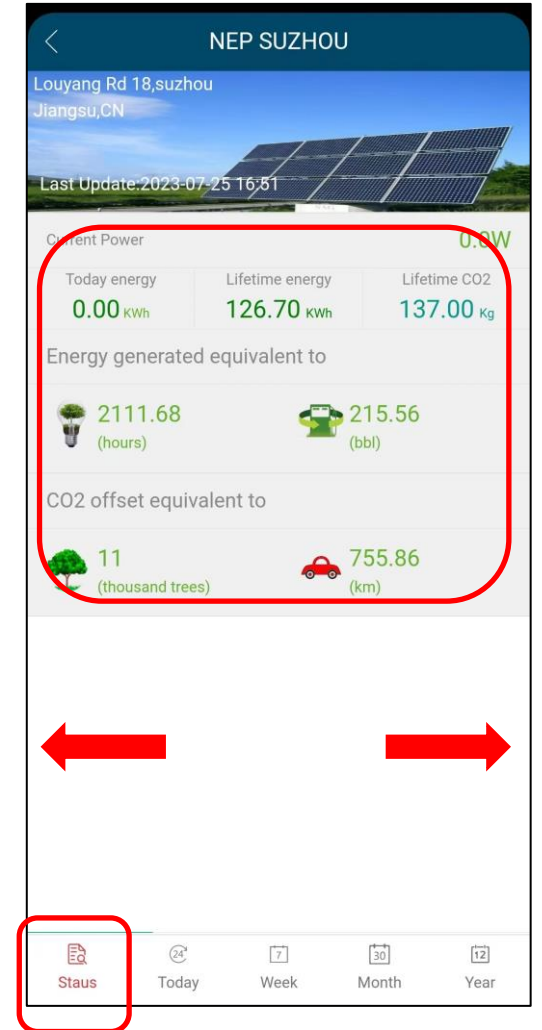*(You can swipe left and right to switch between different MIS if you have more than one MI)

2.2.PV List

2.2.1.PV List-Status

- **Energy generated equivalent to** 2111.68H,215.56L means the power generation can maintain the lighting 2111.68H or can save gasoline 215.56L

- **CO2 offset equlvalent** to 11000 trees,215.56km means it can reduce CO_2 emissions from 11 trees or 1 km of car driving
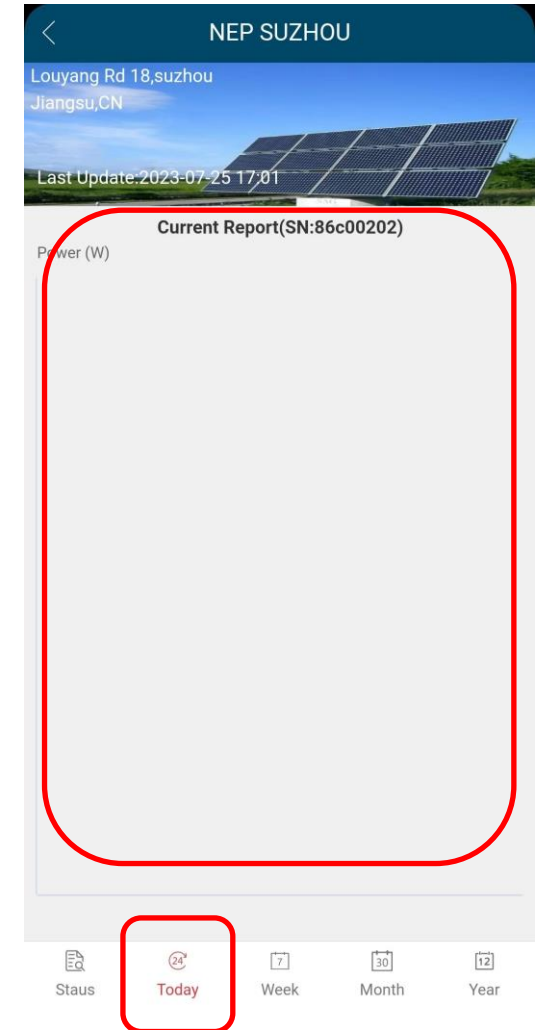
*(You can swipe left and right to switch between different MIS if you have more than one MI)

2.2.PV List

2.2.2.PV List-Today

- Click on this icon **'Today'** and you'll see it in detail

- **Current Report** means a report of the current generation power and it is displayed in a bar chart
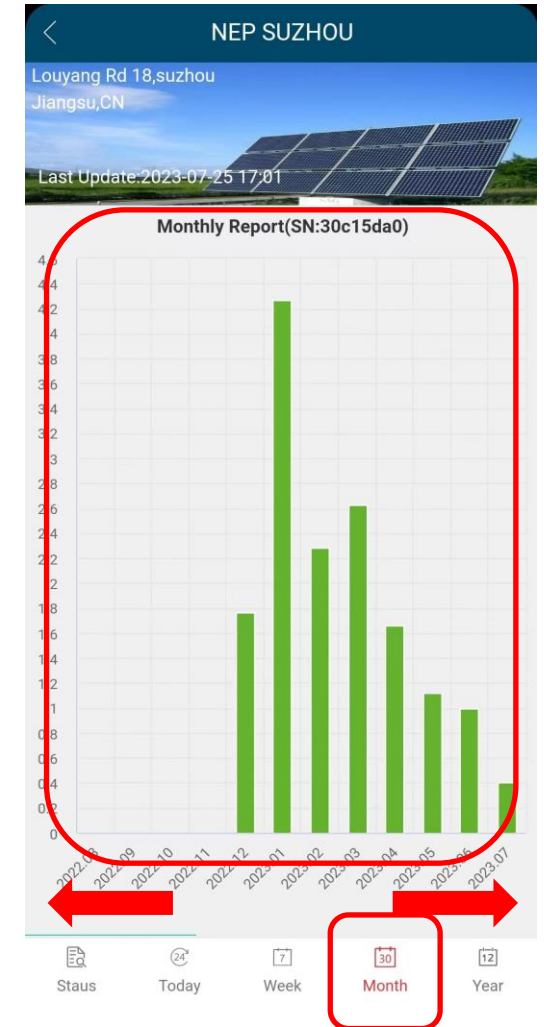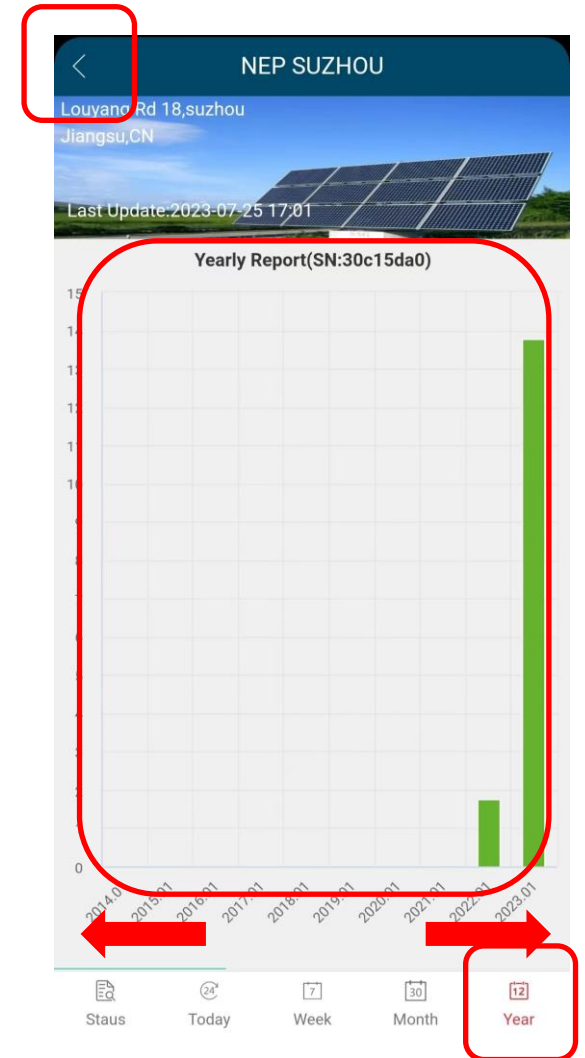
2.2.PV List

2.2.3.PV List-Week

- Click on this icon **'Week'** and you'll see it in detail

- **Weekly Report** means a weekly report on electricity generation and it is displayed in a bar chart

*(You can swipe left and right to switch between different MIS if you have more than one MI)

2.2.PV List

2.2.4.PV List-Month

- Click on this icon **'Month'** and you'll see it in detail

- **Monthly Report** means monthly report on electricity generation and it is displayed in a bar chart

*(You can swipe left and right to switch between different MIS if you have more than one MI)

2.2.PV List

2.2.5.PV List-Year

return

- Click on this icon **'Year'** and you'll see it in detail

- **Yearlyly Report** means yearly report on electricity generation and it is displayed in a bar chart

- Click on this icon **'return'** and you'll return to the main interface

*(You can swipe left and right to switch between different MIS if you have more than one MI)

2.User Interface

2.3.Site
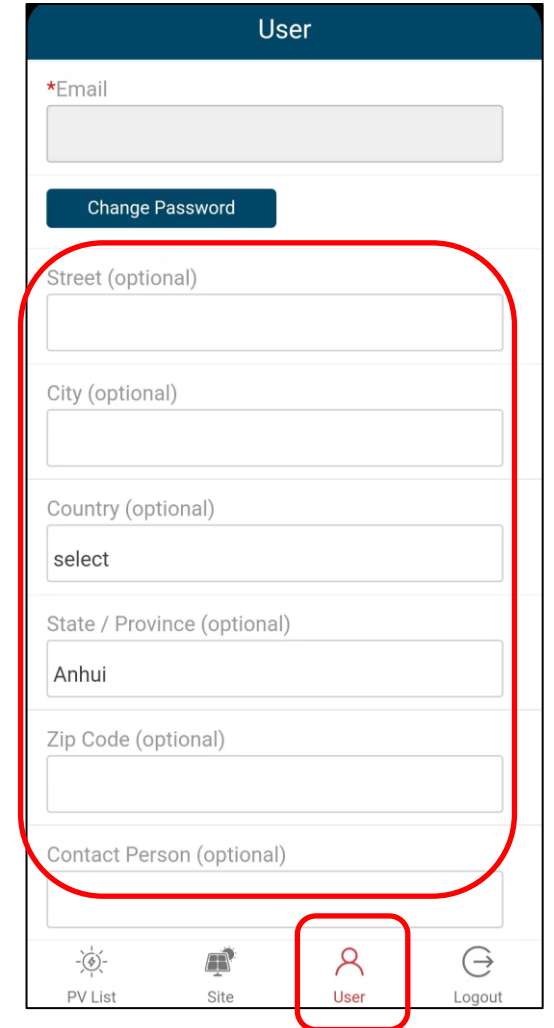
- Click on this icon **'Site'** and you'll see it in detail

- Click on any site you added before,**NEP SUZHOU** and you can edit old infos,and also add or del MIs
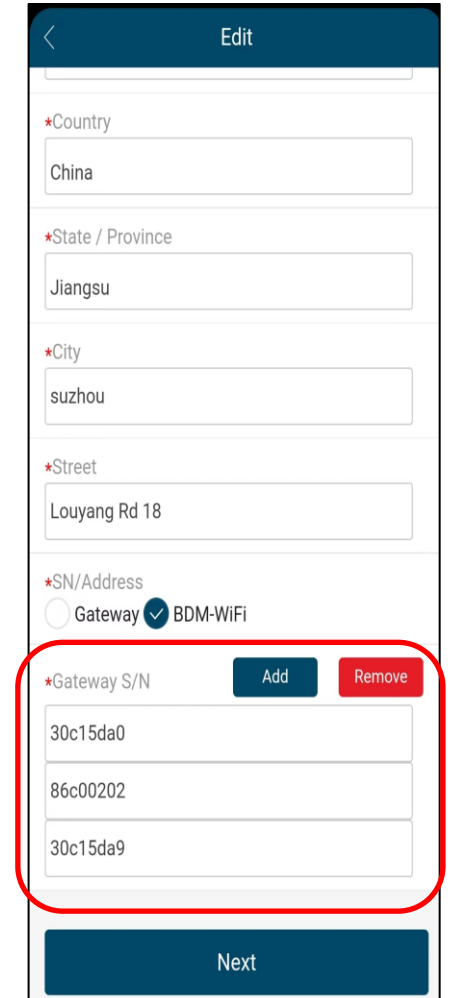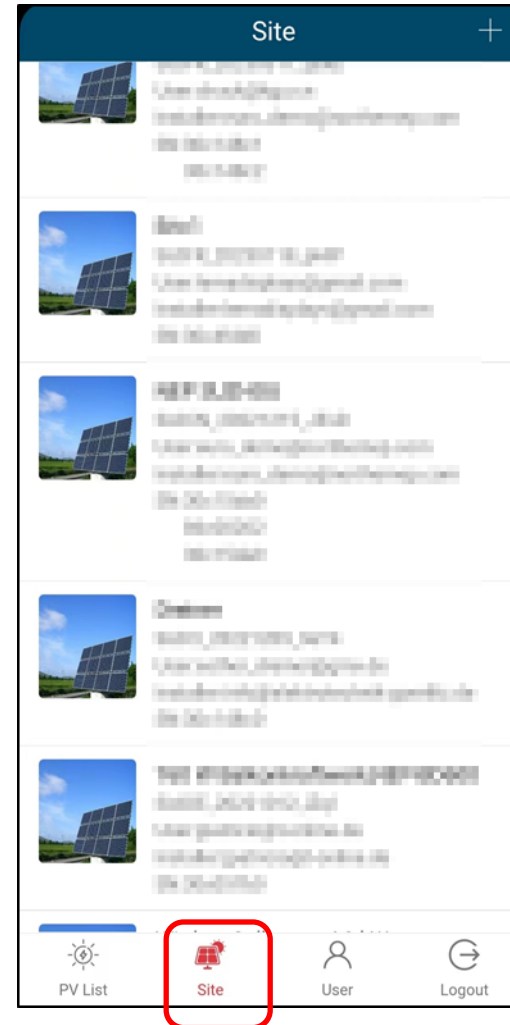
2.4.User

- Click on this icon **'User'** and you'll see it in detail

- Here you can edit your infos,such as email, password,city,contact number and so on

2.User Interface

2.5.Logout

- Click on this icon **'Logout'** and you'll return to the login page