

Power Watch

Version 1.0



Altenergy Power System Inc.

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Introduction

Power Watch is an APS Android application (.apk) that allows you to monitor your solar system via your Android smart phone.

Power Watch could communicate with ECU by Wi-Fi. Make sure your phone is connecting to the same router with ECU or connect to the ECU with inbuilt Wifi directly.

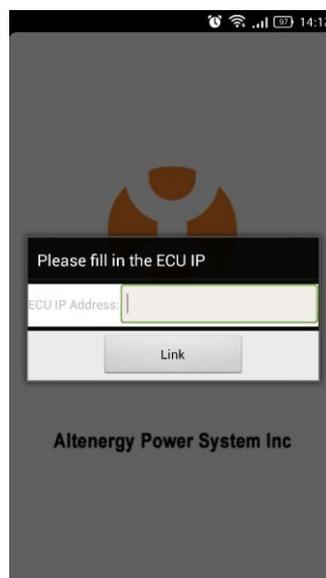
How to use Power Watch

1. Go to <http://www.altenergy-power.com/>
2. Select the “Download Library” below the “Support” tab, download the Application (Power Watch).

Note: To run Power Watch, you’ll need Android 3.0 or above.

3. Install Power Watch (.apk) onto your Android smart phone.
4. You will be asked to enter your ECU’s IP address the first time you sign onto the application.

Note: The ECU’s IP address is located on the ECU’s front LCD panel.



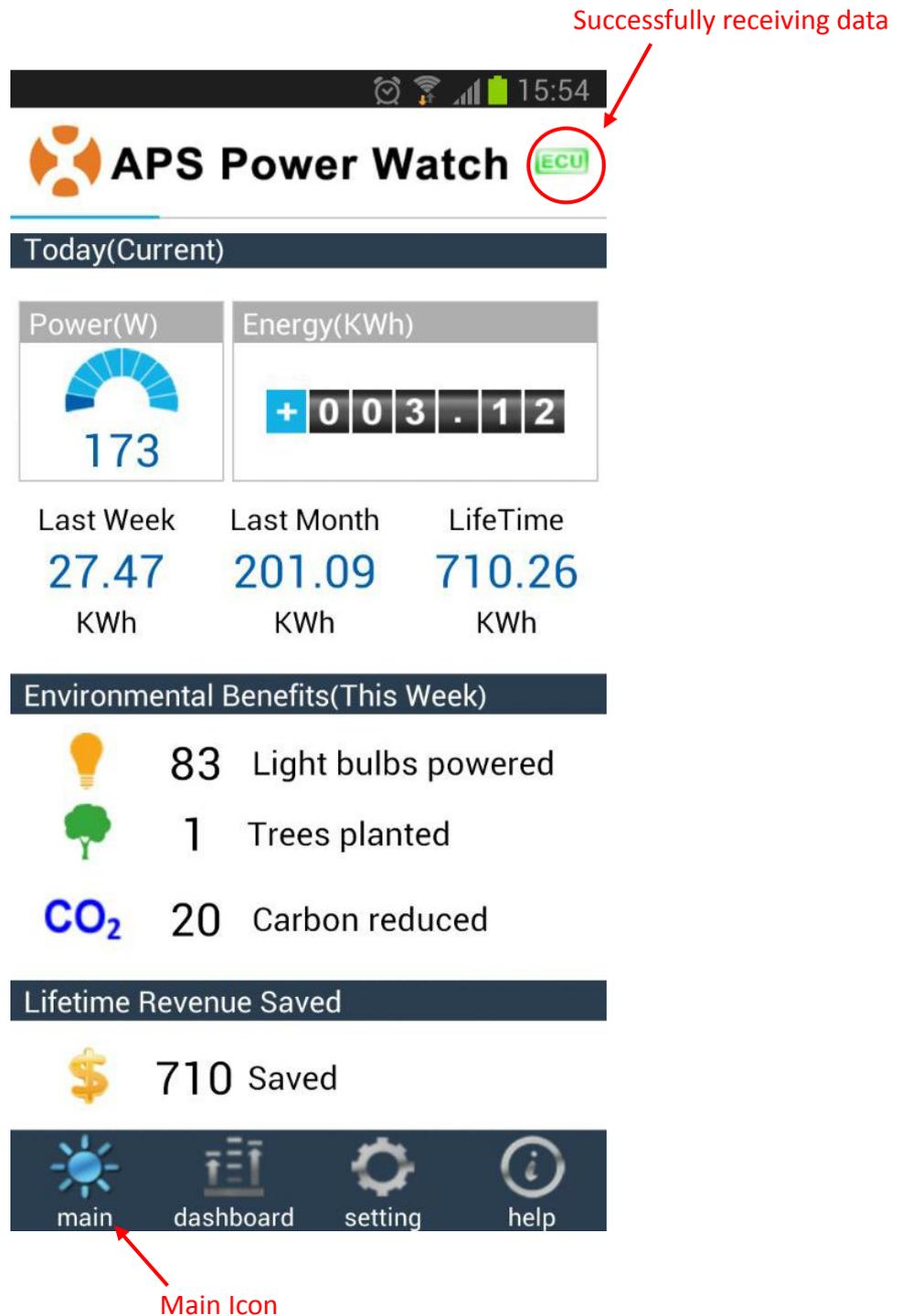
5. Select “Link” on your smart phone once you have entered your ECU’s IP address. Power Watch connects to your ECU and displays your system’s production numbers (see Functions).

Note: The sign  in the upper left corner of the page means the Power Watch application has successfully connected to your ECU. The sign  means Power Watch has failed to connect to your ECU.

Functions

Main Page

The “Main Page” shows much the small information as your Dashboard on the APS EMA.



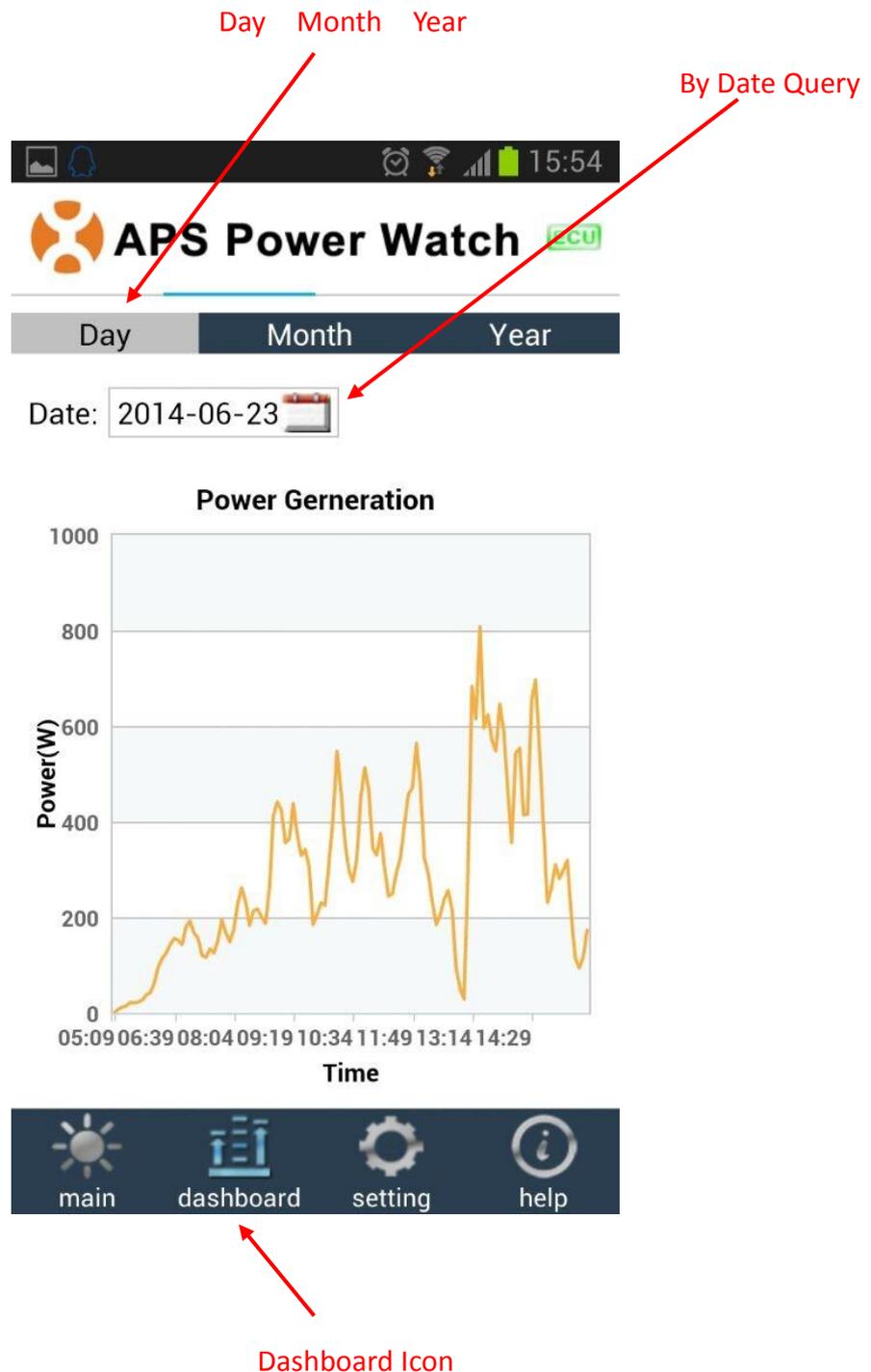
Note: You can return to the Main Page at any time by selecting the “Main” icon at the bottom of each page.

Dashboard Page

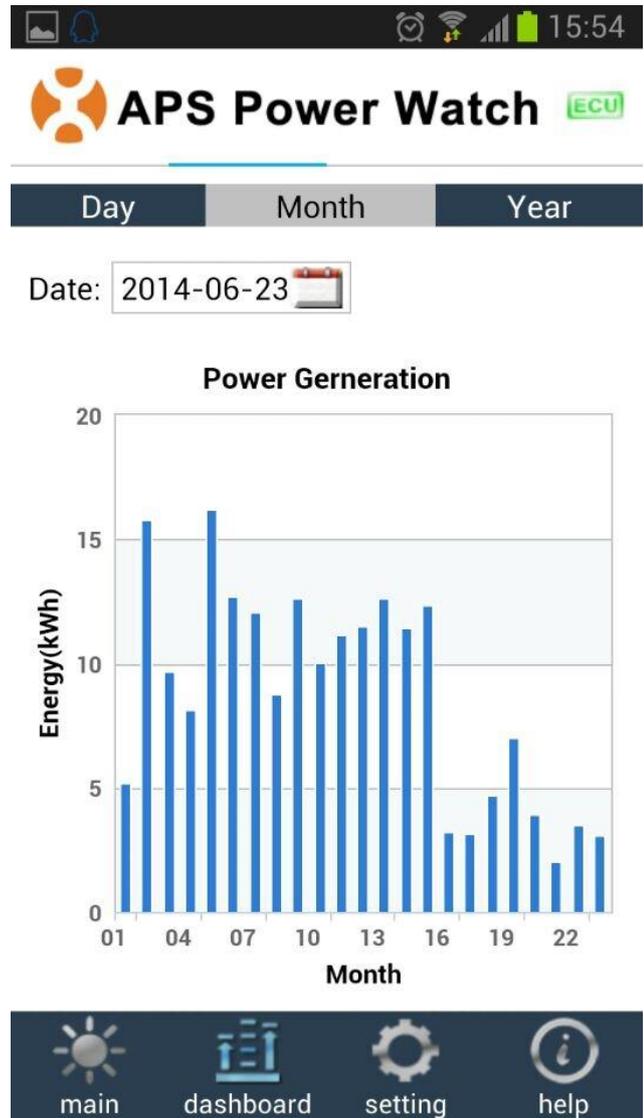
Note: You can get to the “Dashboard Page” by selecting the Dashboard icon at the bottom of each page.

The “Dashboard Page” shows you your energy production in more detail than the Main Page. You can select “Day”, “Month”, or “Year”. You can also query your system by a specific day in the past.

Day View



Month View



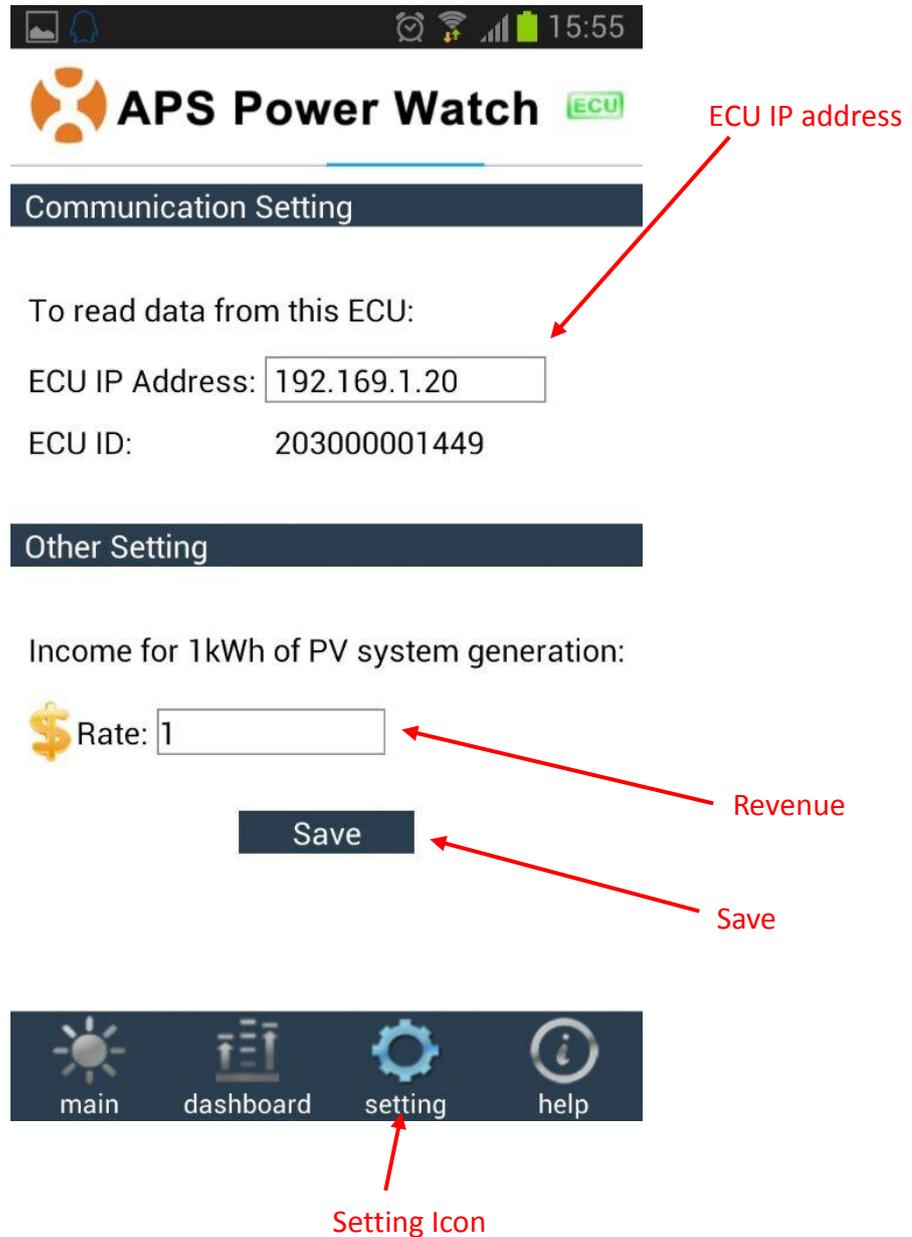
Settings Page

Note: You can get to the “Settings Page” by selecting the Setting icon at the bottom of each page.

The “Settings Page” allows you to switch between ECUs if you have a multi-ECU installation. Enter the ECU IP address for the additional ECU(s) and select the “Save” button near the bottom of the page.

Note: remember to check and make sure the application is successfully receiving data from your ECU.

You can also enter your revenue (per 1kWh) on this page



APS Power Watch ECU

Communication Setting

To read data from this ECU:

ECU IP Address:

ECU ID: 203000001449

Other Setting

Income for 1kWh of PV system generation:

\$ Rate:

main dashboard **setting** help

ECU IP address

Revenue

Save

Setting Icon