APsystems
ALTENERGY POWER

Quick Start Guide

Energy Communication Unit (ECU) for Smart Phone

Version 1.0   10/16

NOTE: The ECU uses two functionally separate protocols: TCP I.P. and Power Line Communications (PLC). Do not plug ECU into a surge protector or power strip, only in a wall outlet for PLC. This Quick Start is not for a direct connect to a laptop/desktop.

Minimum requirements: Standard AC Electrical Outlet

Smart Phone

Router

Additional Requirements if connecting to the Energy Monitoring Analysis (EMA) web site (see EMA quick start):
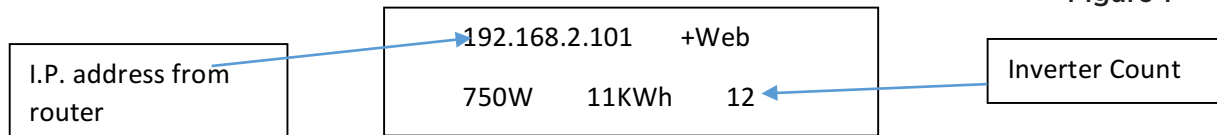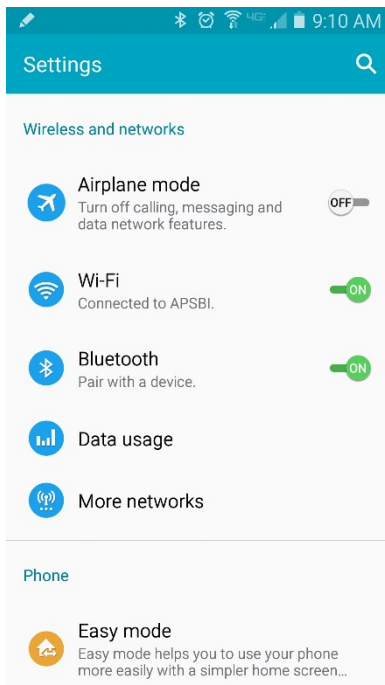
Internet connection

Figure 1

I.P. address from router

```
192.168.2.101      +Web

    750W      11KWh      12
```

Inverter Count

STEP 1. Using your smart phone, bring up your "Settings" screen and select Wi-Fi.
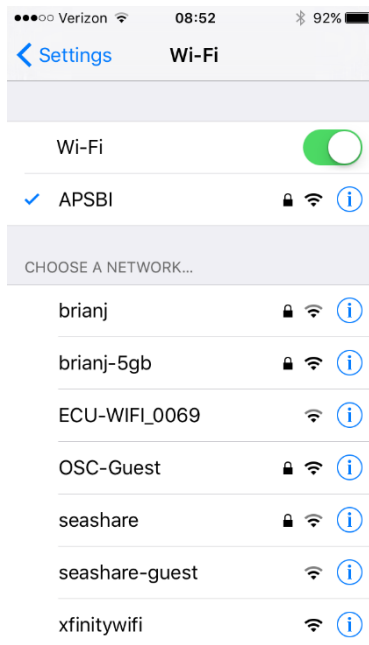
Android

Apple

Figure 2 & 3

STEP 2. Locate your ECU, it will be identified by ECU-WIFI and the last four digits of the UID located on the side of the ECU. (e.g. ECU-WIFI_2482) Once located, connect to the ECU by selecting it.
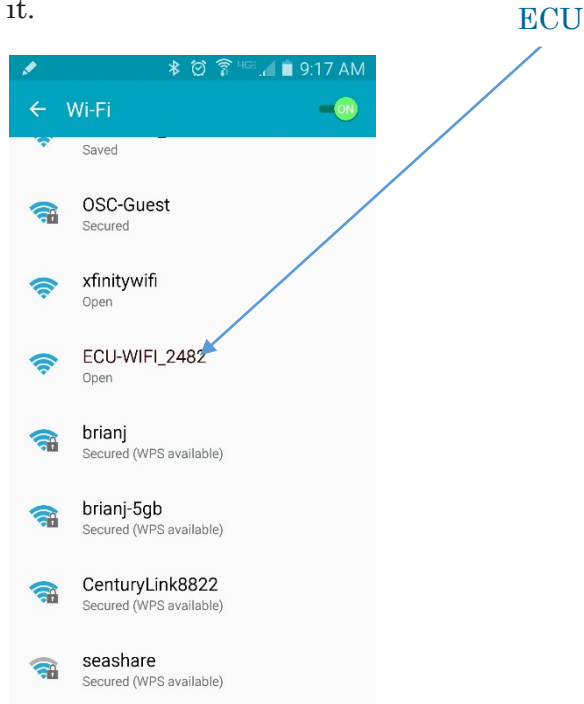
ECU

Figure 4

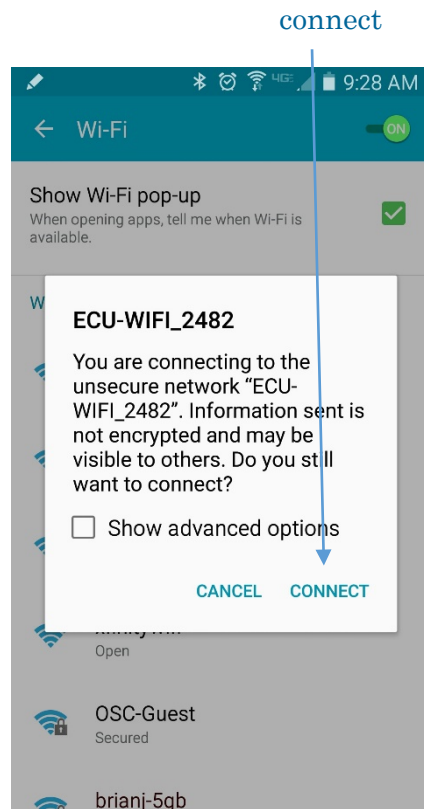**STEP 3.** Select Connect.

connect

Figure 5
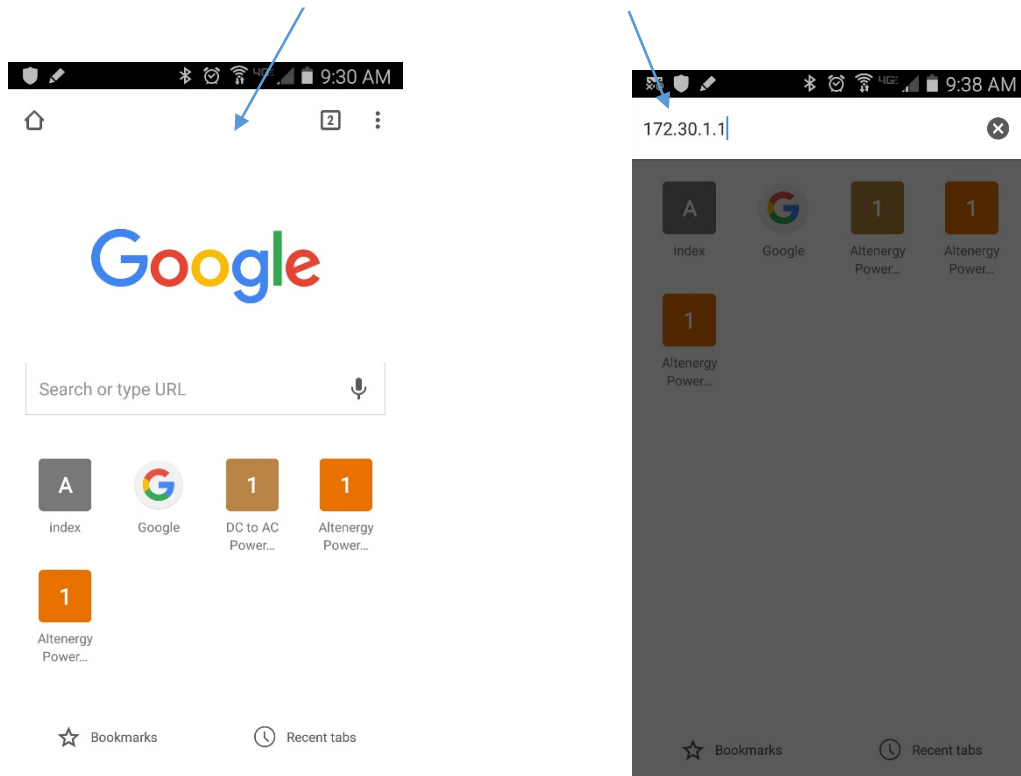
STEP 4. Bring up your web browser and type in 172.30.1.1

Figure 6

STEP 5. Once the "APsystems" home page comes up, select "Administration" from the drop down menu.
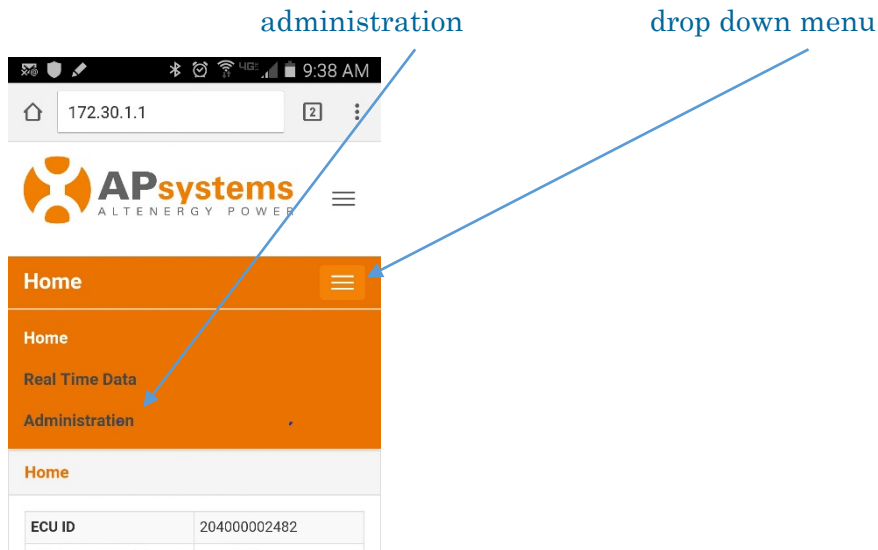
administration   drop down menu

Figure 7

STEP 6. In the "Administration" page, select "WLAN" from the more
menu.

administration   WLAN
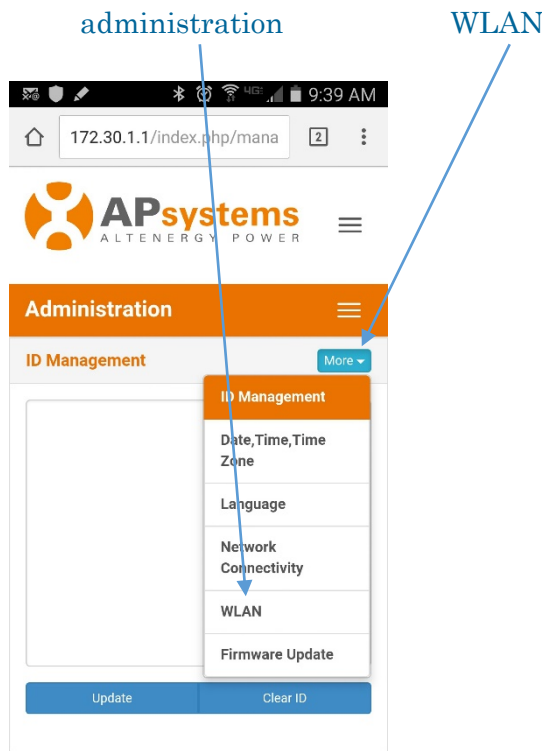
Figure 8

STEP 7. Select your network from the "Available Networks", type in
the password and select "Connect".

network   password   connect
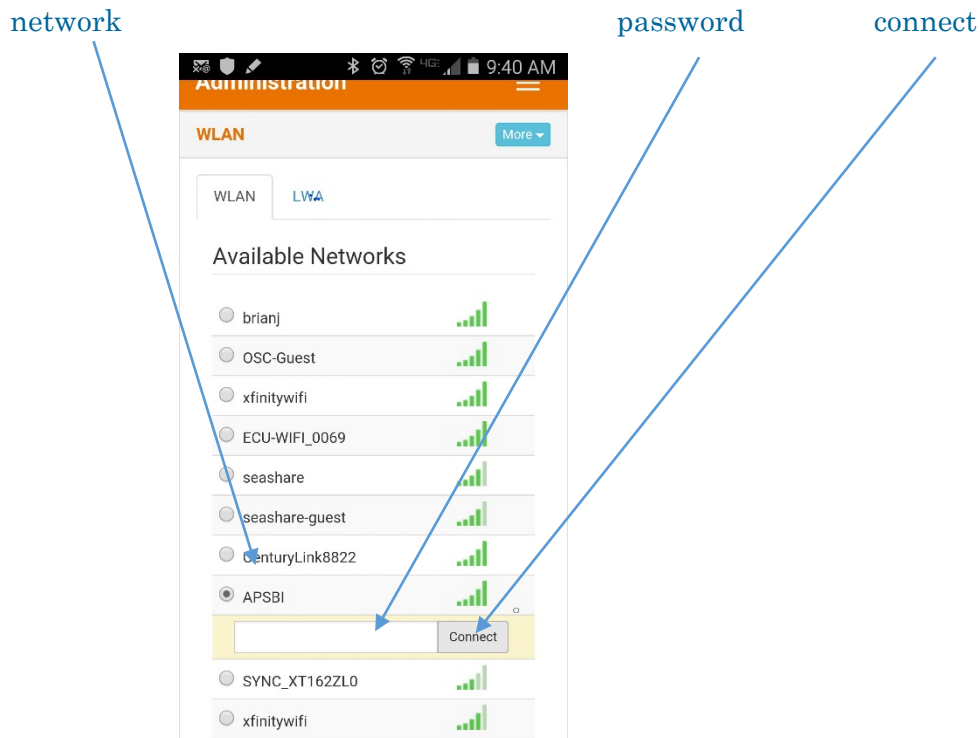

Figure 9

STEP 8. Once connected, select "LWA" to turn on the security feature.
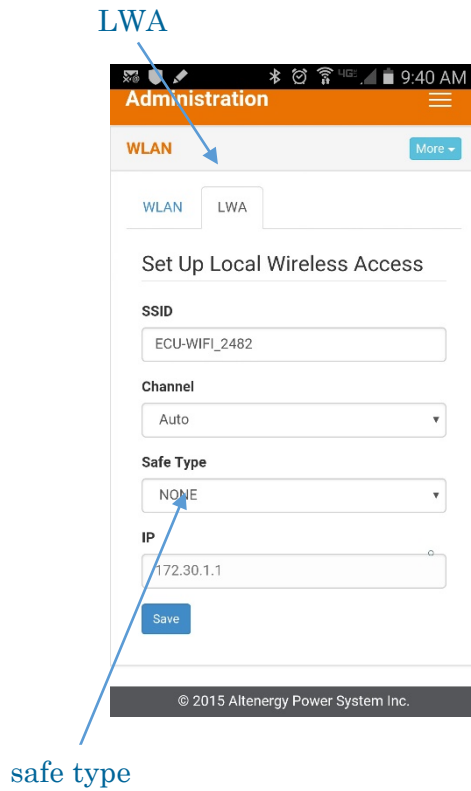
LWA

Figure 10

safe type

STEP 9. From the "Safe Type" drop down, select "WEP"

WEP

Figure 11

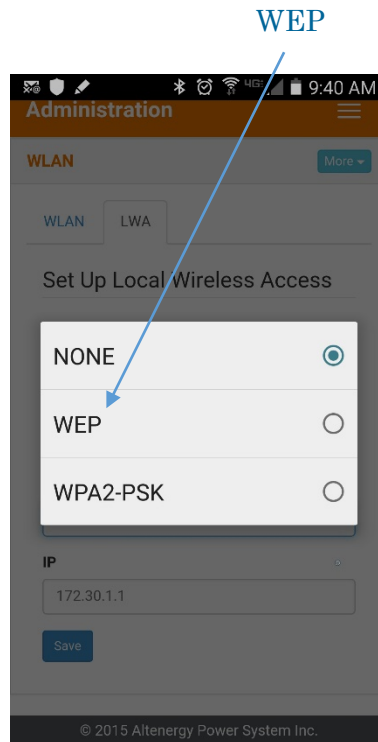**STEP 10.** Type in a five digit password, e.g. 12345 and select "Save"
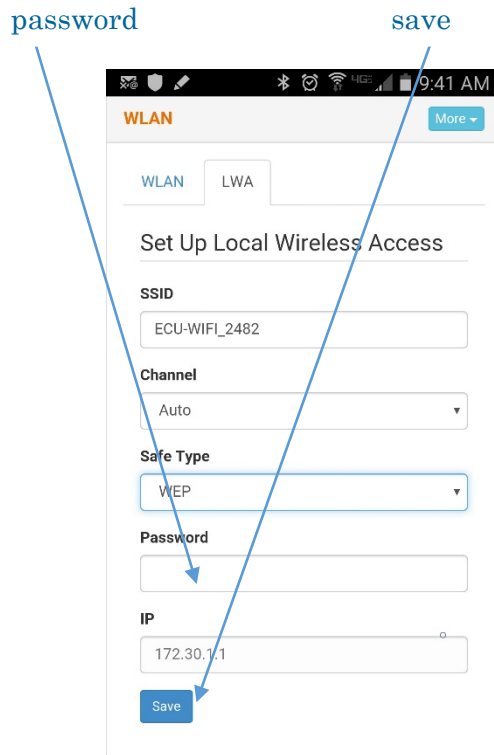
password   save

Figure 12

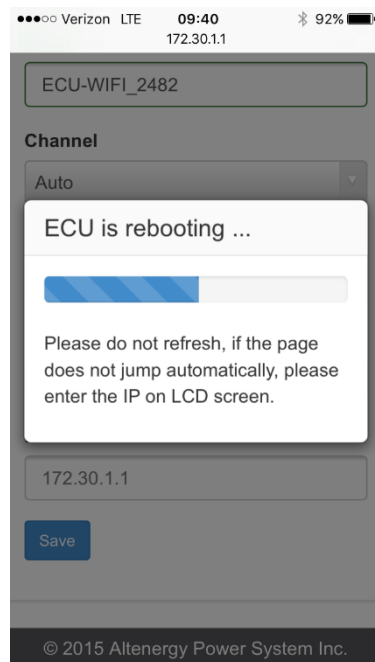**STEP 11.** The ECU is now wireless.

Figure 13