

People Power and Blue Line Installation Guide & FAQ



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1. Installing Blue Line device with People Power App

You will need a Windows Machine*, Personal WiFi Router and an iOS (iPhone or iPad) or Android Device.

*At this time, The PowerCost Monitor™ WiFi Gateway software and installation is designed for PC/Windows machines only. Blue Line is committed to developing and releasing a version of the software for Apple/MAC users by the end of 2011. Please continue to visit our website as we will offer updates throughout the year.

Steps to follow:

- 1) First, download the app. If you have an iPhone or iPad, please go to iTunes. If you have an Android device please use Android Marketplace to download. You may also go to: <http://www.peoplepowerco.com/apps/> or use the QR codes below to download the app directly.



Figure 1 iTunes QR code for downloading app



Figure 2 Android QR code for downloading app

2) Create a People Power account

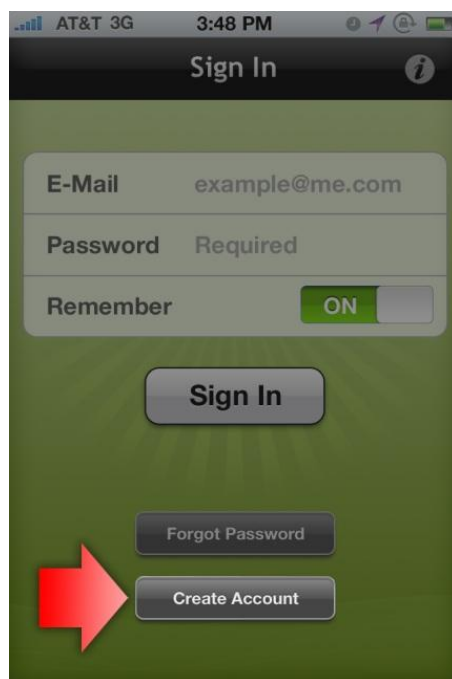


Figure 3 Create account

3) Choose the data source as Blue Line 28000

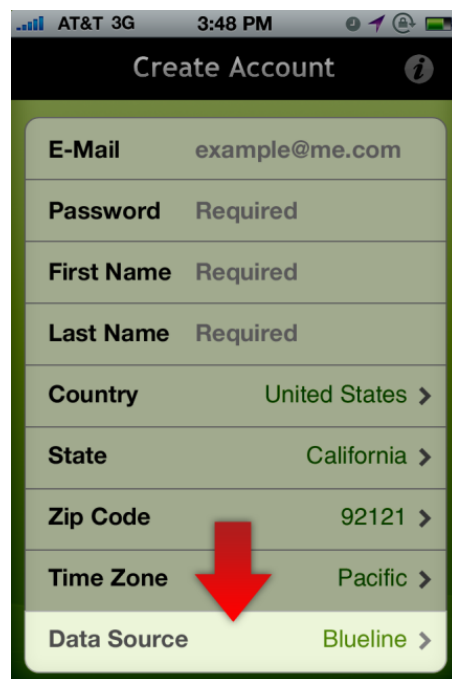


Figure 4 Choose Data Source

4) Wait for Activation email to your specified email address:



Figure 5 Device Activation

5) In that Activation email, click on the link to download and install the People Power version of the configuration wizard for your desktop:

<http://www.bluelineinnovations.com/Downloads/PCMWiFi/ppwizard/publish.htm>

Check the “I Agree” option and click “Install”

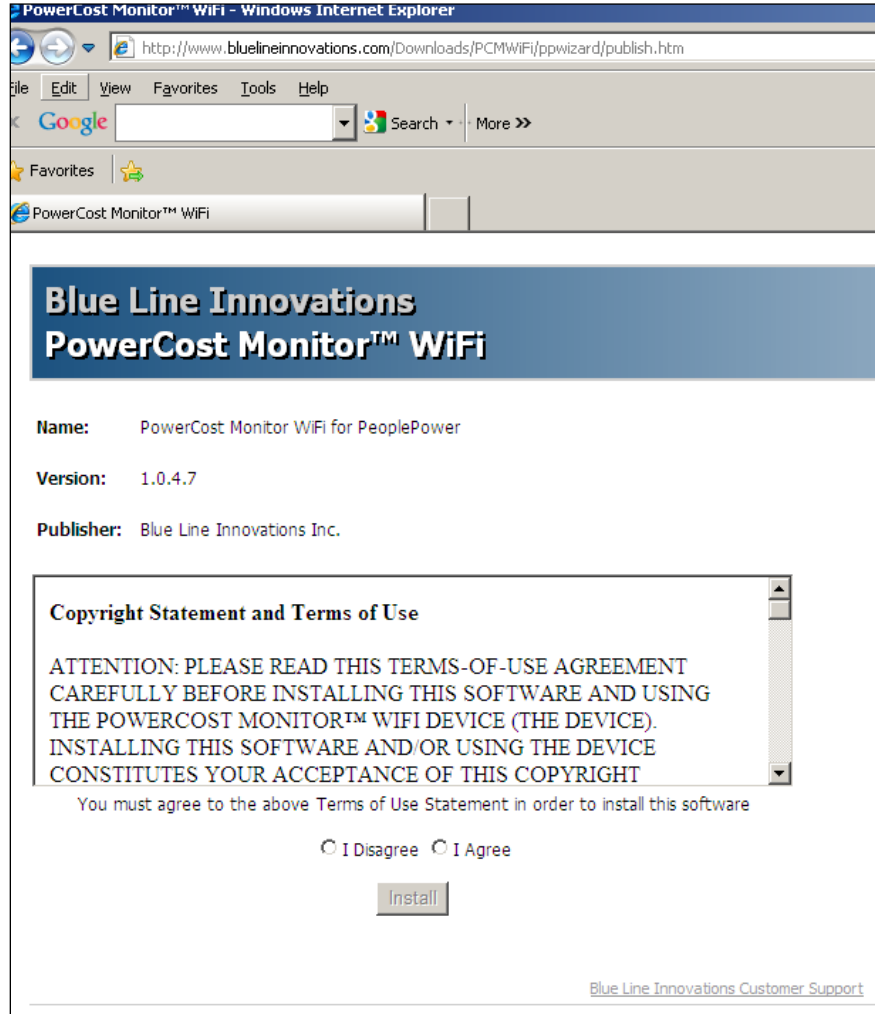


Figure 6 Activation email

6) Connect the PowerCost Monitor WiFi device to your computer with the supplied USB cable. (The LED on the WiFi unit will alternate between red and green)

7) Set-up the PowerCost Monitor WiFi device to connect with your wireless home network.

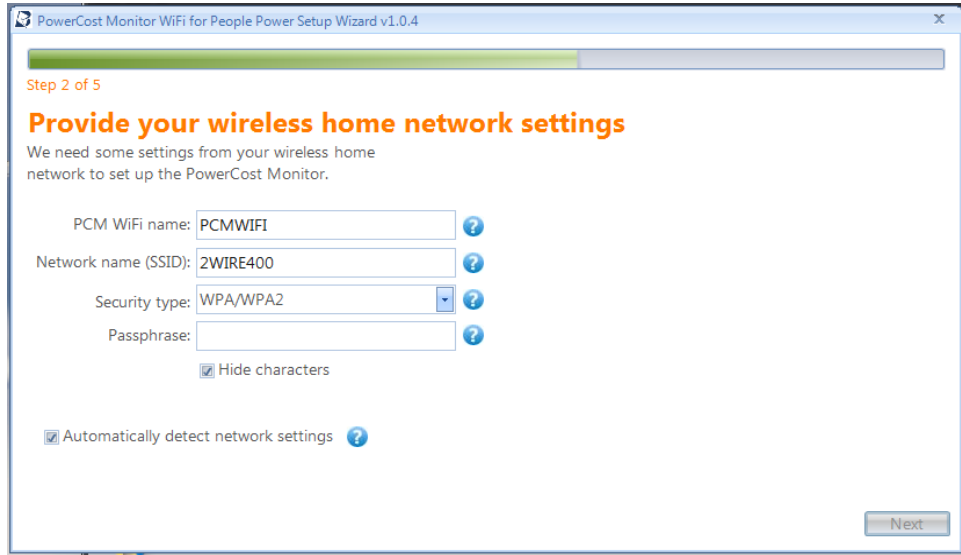


Figure 7 Connecting home network with PowerCost Monitor

8) Set the “Kh” factor. Your meter’s power factor (Kh factor) is indicated on the face of the meter, most often next to the letters Kh (less often the letters Ks or Kt). In most cases, your meter’s power factor is:

- a) 7.2 if it has dials and a spinning disk or
- b) 1.0 if it has a digital readout.

- If you have a high load service (400amp) or notice “Multx10” or “Multx40” then the Kh must be multiplied by that factor to obtain a correct scale on the application.

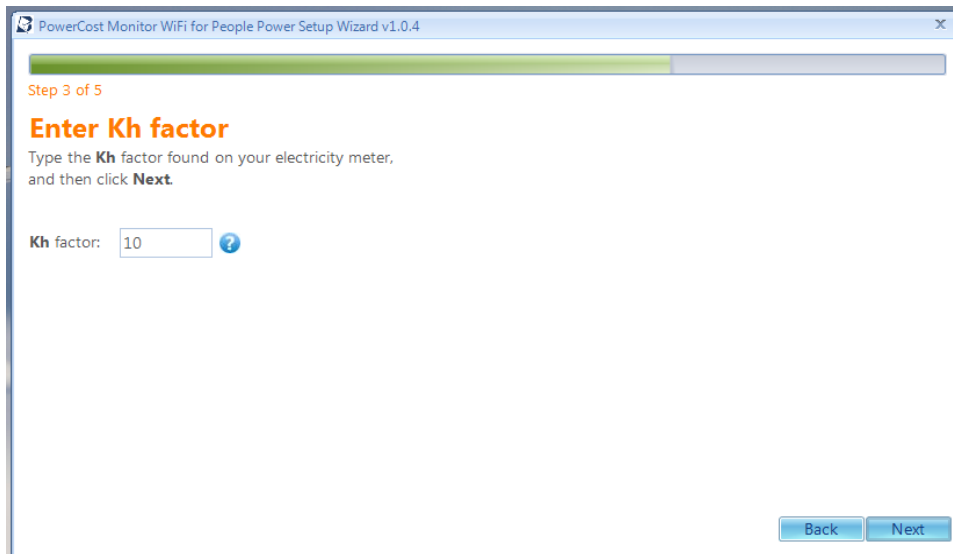


Figure 8 Setting Kh factor

9) Follow instructions on screen (Re-locate the WiFi device and sync it with the sensor)

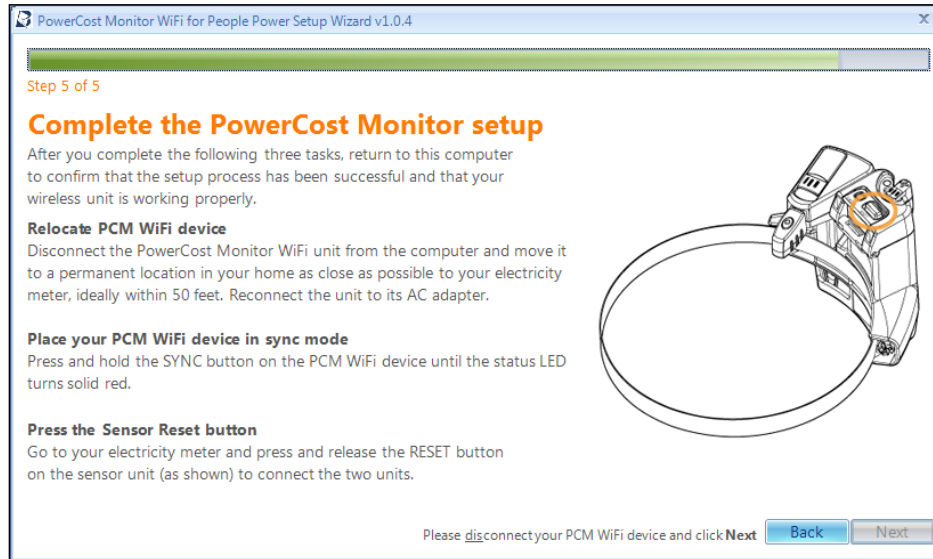


Figure 9 Relocating and placing PCM WiFi unit

10) It will check for the Wireless Network Status, Sensor Status and Link Status. This may take a few minutes.

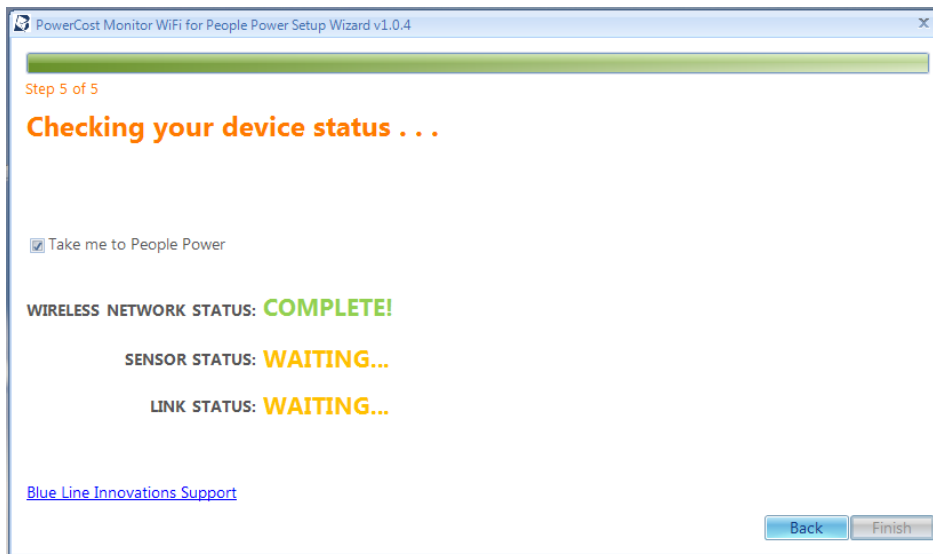


Figure 10 Wireless Network, Sensor and Link statuses

11) After wireless network and sensor connections are verified, a clickable link will appear next to the link status if you are using setting it up with People Power App for the first time.

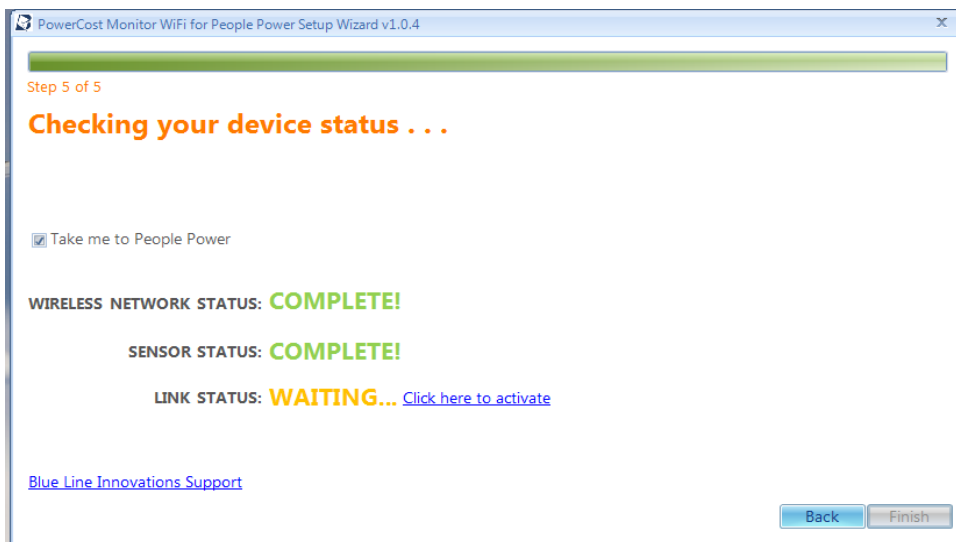


Figure 11 Activation link

-- Note if the WiFi Gateway does not have a solid green LED, with a red flash every ~30 seconds and the Status does not say "Complete" there may be a router setting or connection issue so please confirm the router passphrase and settings in Wizard step 2 of 5 and/or contact the Blue Line support email support@bluelineinnovations.com

12) Sign in via the email/password used to create your People Power account on your desktop.
- This associates the WiFi device to your People Power account.

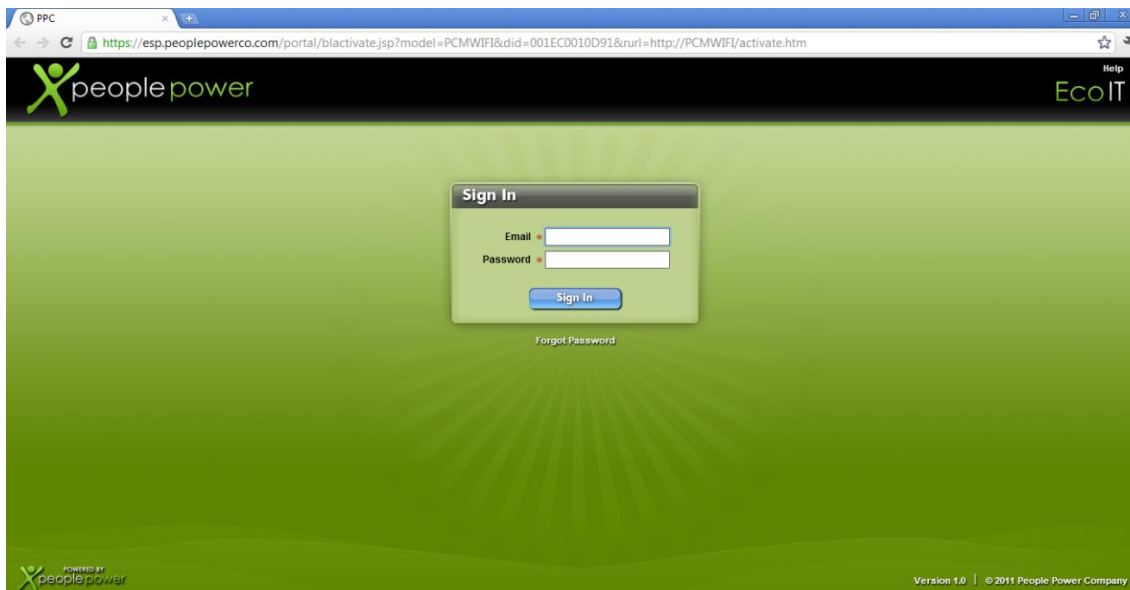


Figure 12 Sign in and associate WiFi device with People Power

13) Open app. on mobile device. After your Blue Line device is activated you are ready to go back to your mobile App. It might take a few minutes to update your device information (you can check if your device is activated through the mobile app). Once activated, relax and let us provide you with your current usage and estimated monthly usage. (You can also learn more about energy through our Compete option)

14) In the settings menu change any values applicable and start using the app.

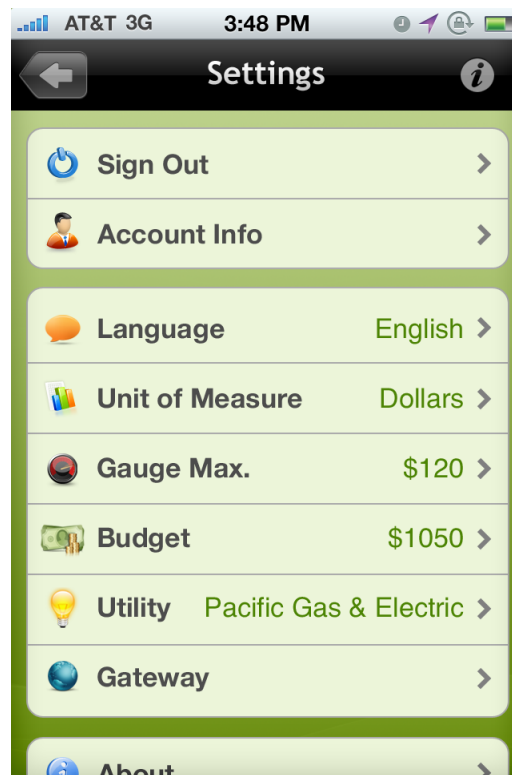


Figure 15 Settings menu

2. Setting Up People Power with Blue Line FAQ's

Q. It doesn't appear my account is active?

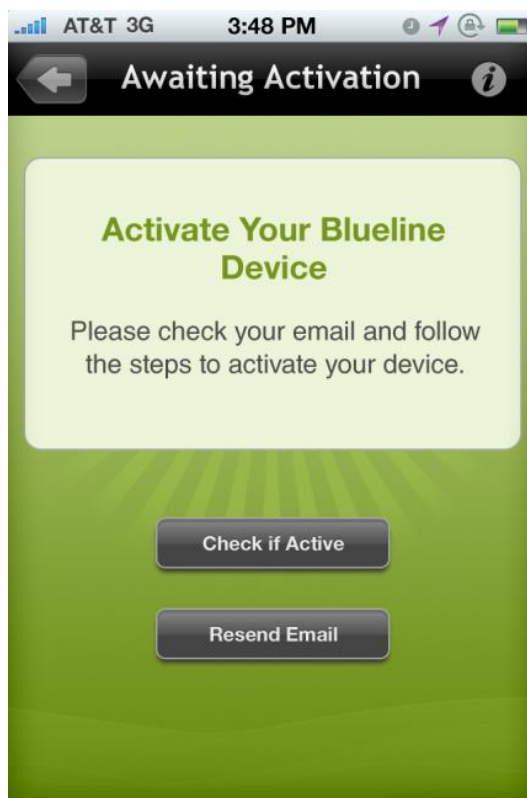


Figure 16 Checking if Blue Line is active

A. It may take a few minutes after activating the device for the data to be associated and viewable. If after this time period has elapsed and still nothing, please confirm the WiFi device status, or contact the support email address.

Q. I used the People Power App in Demo mode and then bought a Blue Line Device. How do I switch modes and register my device to App?

A. You can email People Power Customer Support (support@peoplepowerco.com) and they will be able to help you.

Q. Can I use multiple login ID's with same Blue Line device or can I have multiple Blue Line devices with one login ID?

A. No, there is one to one relationship between a login ID and a Blue Line device.

Q. How do I know if my meter is compatible, and if I have my sensor unit installed correctly?

A. Having the sensor installed correctly on the meter and accurately reporting data to the Gateway is crucial to the readings in insuring the People Power application is therefore displaying accurate values. There are a number of topics and issues related to the meter and sensor install that we must be mindful of:

1) Meter compatibility: the PowerCost Monitor sensor is compatible with most Smart and digital meters, as well as the traditional disk meter but for a list, with pictures, of the various meters please visit: <http://www.bluelineinnovations.com/Products/PowerCost-Monitor/Meter-Match>

2) The in-home display (IHD) can not only be a device used to help monitor and advise of your usage while at home, but can also be used as a troubleshooting tool for setting up the Gateway. If we know the meter is compatible and can get accurate and updating information on the IHD, then we should be able to also set the Gateway to listen to the sensor and use the IHD as a double-check of the values. The range of the gateway is slightly less than that of the in-home display, so that is why after disconnecting the supplied usb cable once the Wizard is complete, we can move the WiFi Gateway to a receptacle close to the meter location (preferably within ~30 feet) There are very few devices that will interfere with the 433MHz sensor transmissions, however some wireless weather stations, or wireless thermometers do operate at this frequency and can cause the transmissions not to come through.

3) If at any point you have difficulty obtaining the correct red light behavior on the sensor, cannot connect the sensor data with the IHD or WiFi gateway, or cannot get the Gateway to connect to your router (Flashing green LED on the Gateway) please email support@bluelineinnovations.com with a description of the issue