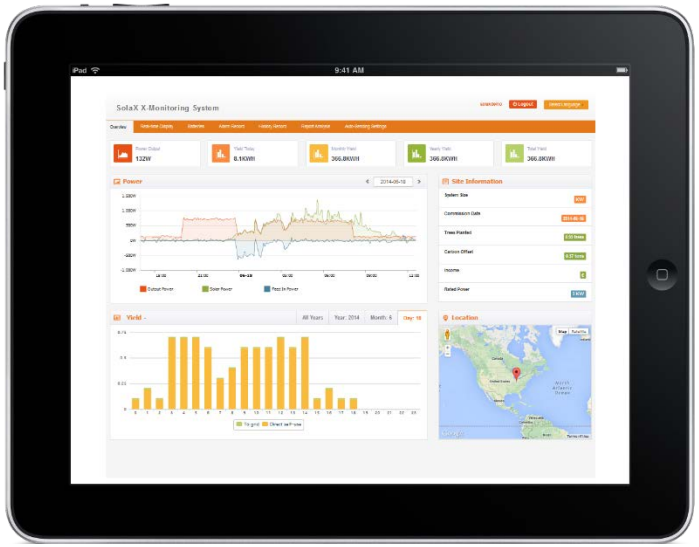
SOLAX POWER

WIFI MONITORING USER GUIDE

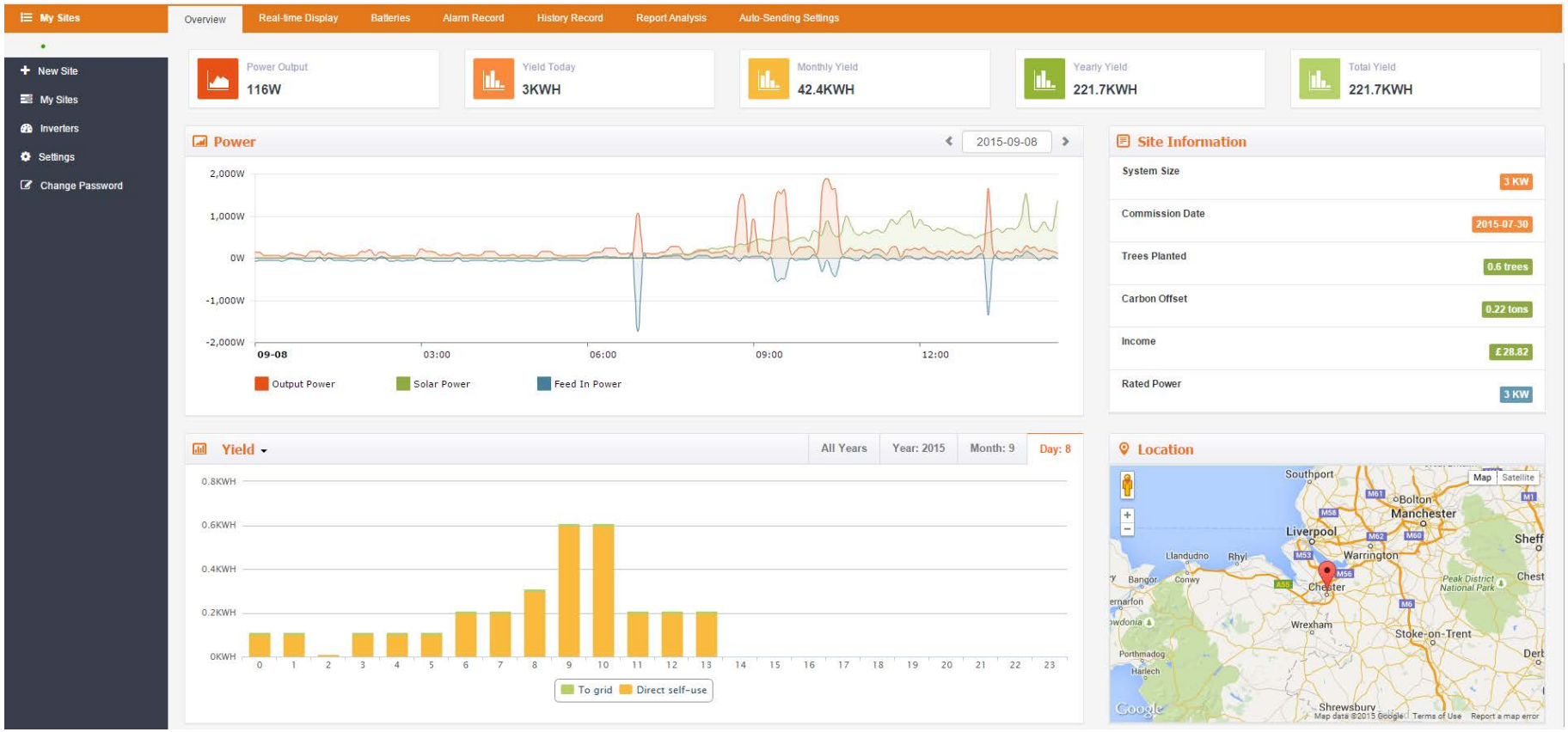
SOLAX PORTAL MONITORING SYSTEM

The SolaX Portal is an online monitoring platform enabling you to monitor your inverter around the clock. Our inverters upload operational data to the Xcloud* via WiFi.
Xcloud collects and processes that data every 5 minutes. You can then monitor the data by simply logging into a registered account via your PC, iPhone, tablet or Android device.



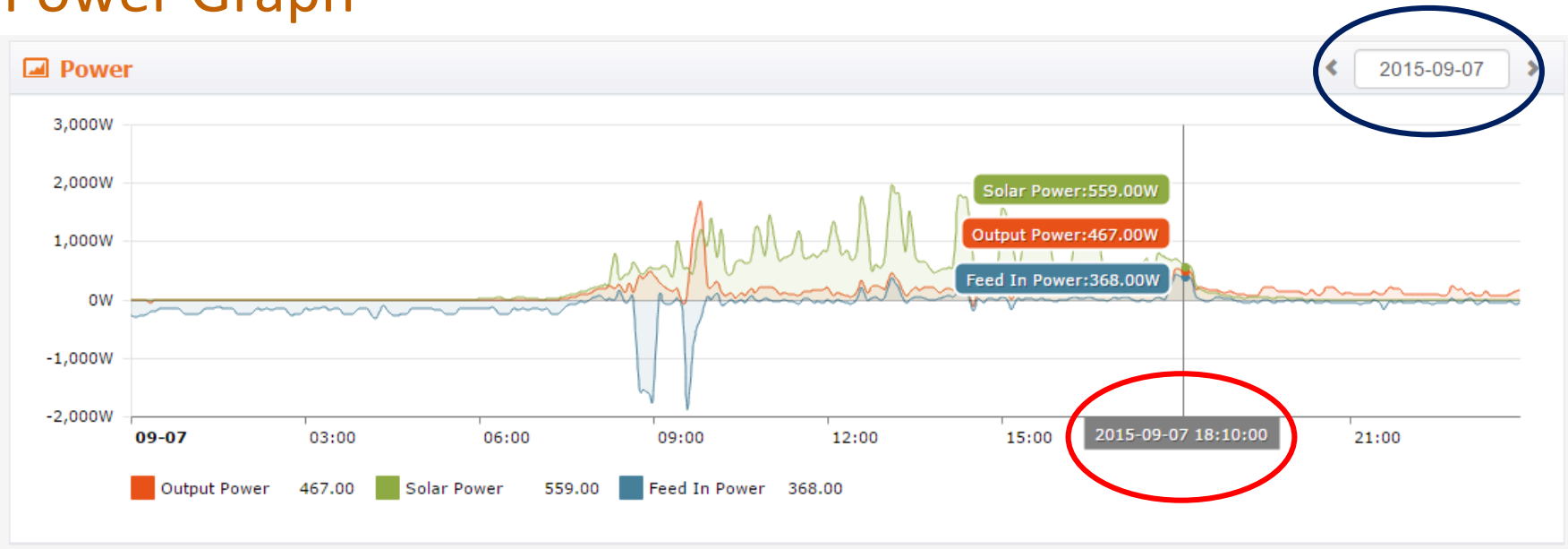
SOLAX POWER

The Home Screen



This is the landing page and the screen you will see when you first log into your SolaX account, (assuming you've already created an account and been through the set up) as you can see there are two graphs on this screen, one is power and one is yield. The yield/consumption graph is only functional if installed with a additional SolaX export meter.

Power Graph



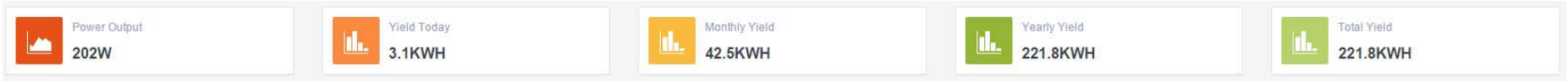
This is the main graph you will use, as you can see there are three main entities; **Solar Power**, **Output Power** and **Feed In Power**. All are measured in watts (W). The grey line represents what time of day you are looking at, as you can see in the image above we are looking at what is happening at 18:10:00 or 6.10pm (circled in red) on the 07/09/15 (circled in blue). You can select a date by simply clicking the arrows either side of the date to choose another date.

SOLAR POWER – This is simply what is being produced by the panels on your roof, as you can see on the graph there are **559W** currently being produced from the panels at 6.10pm.

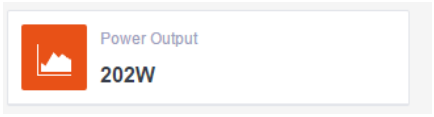
OUTPUT POWER – This is the amount of power that inverter is inverting from the panels (from DC to AC) for use in the house or to export to either the grid or to the batteries, as you can see on the graph the inverter is inverting **467W** at that current time. The difference between this reading and the solar power is what is going into the batteries

FEED IN POWER – This is the amount of power that is either being taken off the grid **or** what is being exported the grid. If there was energy being taken from the grid the figure would be a **minus** number, but as you can see from the graph the figure is positive, so that means that **368W** are being exported to the grid.

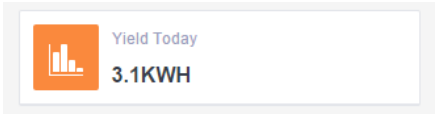
Yeild Bar



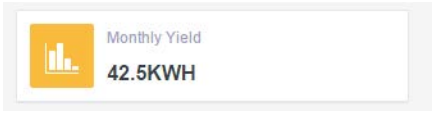
The yield bar is located at the top of the home page in between the power graph and the menu bar at the top. These figures are pretty much self explanatory, however below is what each one means.



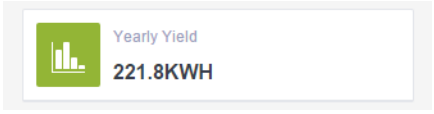
The **Power Output** is what is the amount of power that is being inverted by your inverter right now in real time.



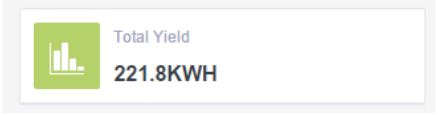
The **Yield Today** is the total amount of energy you produced on that day from your panels, also in real time.



The **Monthly Yield** is the total amount of energy you have produced that month from your panels.

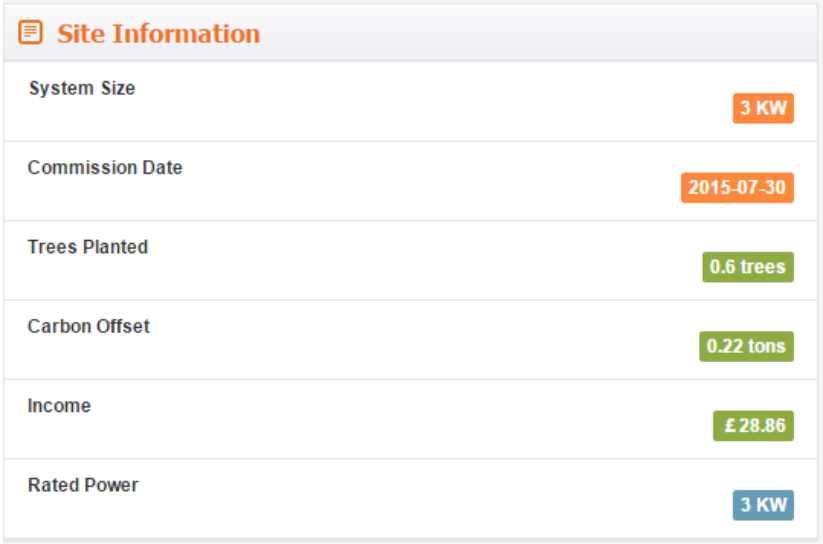


The **Yearly Yield** is the total amount of energy you have produced that year from your panels.



The **Total Yield** is the total amount of energy you have ever produced from your panels.

Site Information



System Size – This is simply the capacity in kilowatts (KW) of the panels on your roof.

Commission Date – This is the date the system was installed.

Trees Planted – This is showing the amount of trees that you have saved by using a greener energy solution.

Carbon Offset – This is the amount of carbon you have saved by using solar instead of relying solely on the grid.

Income – This is the amount of money you have made by selling your energy back to the grid in relation to the feed in tariff that you set the system up on.

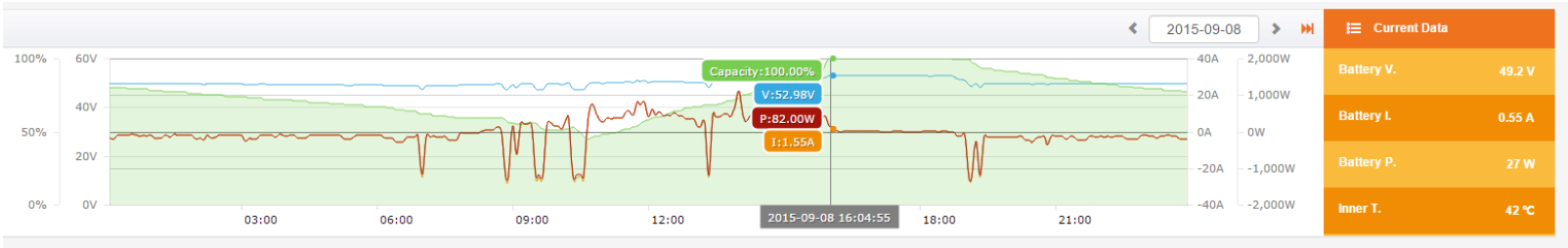
Rated Power – This is rated power of the inverter that you are using, so as you can see in the image above this person is using a 3KW inverter in their system.

Batteries

The battery image on the left (please note the 'Battery 1' is all of your batteries combined) gives you a clear indication of the amount of charge inside your battery, as you can see on this image (circled in blue), the battery is at 100%. ***Please note that the battery image is a real time reading so it will not correspond with the part of the graph I have highlighted.**

Power Out (P) – The power out is simply the amount of energy in watts (W) that is coming out of the batteries, for example in the image above, there are 1120W coming out of the inverter.

Capacity – The capacity is simply the amount of charge inside the battery, as you can see the grey line is at 13:59pm or 1:59pm in the image above and the charge capacity is at 73%. In the image below, the grey line is at 16:04pm or 4:04pm so a couple of hours after the image above and the charge capacity is now at 100%.



As you can see there is a small exclamation mark below the battery picture, when you move your mouse on the mark it will pop-out a reminder to tell you that Capacity only applies to Lithium batteries so if you do not have lithium batteries you will be limited to what you can see.

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