



Smart
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Islands



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Owl Intuition Pairing Guide

Single Phase Supply

If you have unplugged, switched off or moved your network OWL you might find that the signal is lost and/or you are no longer able to see your consumption on your online portal. It is likely you will need to re-pair the Network OWL and the OWL Transmitter (in your meter cupboard).

1 Hardware Check

First check your meter cupboard and make sure the 1, 2 or 3 white clamps are attached to your electricity supply and plugged into the OWL Transmitter (Figure 1)

If there are any clamps not fixed to a wire or loose please re-attach if you feel comfortable to do so.

Then ensure your Network OWL (Figure 2 – rectangular box with antennae) is connected to your wifi router (or wifi booster) and has power supply. One of the LEDs on the Network OWL will flash with a triple green blip once the Network OWL has power and is connected to the OWL server (via connection to your router).



Figure 2 Network OWL



Figure 1 OWL Transmitter





2 Log in to account

Head to www.owlintuition.com

Enter your Username and Password.

Click "Login".

owlintuition

Username

Password

Remember Me

Login

Create Account Lost Password

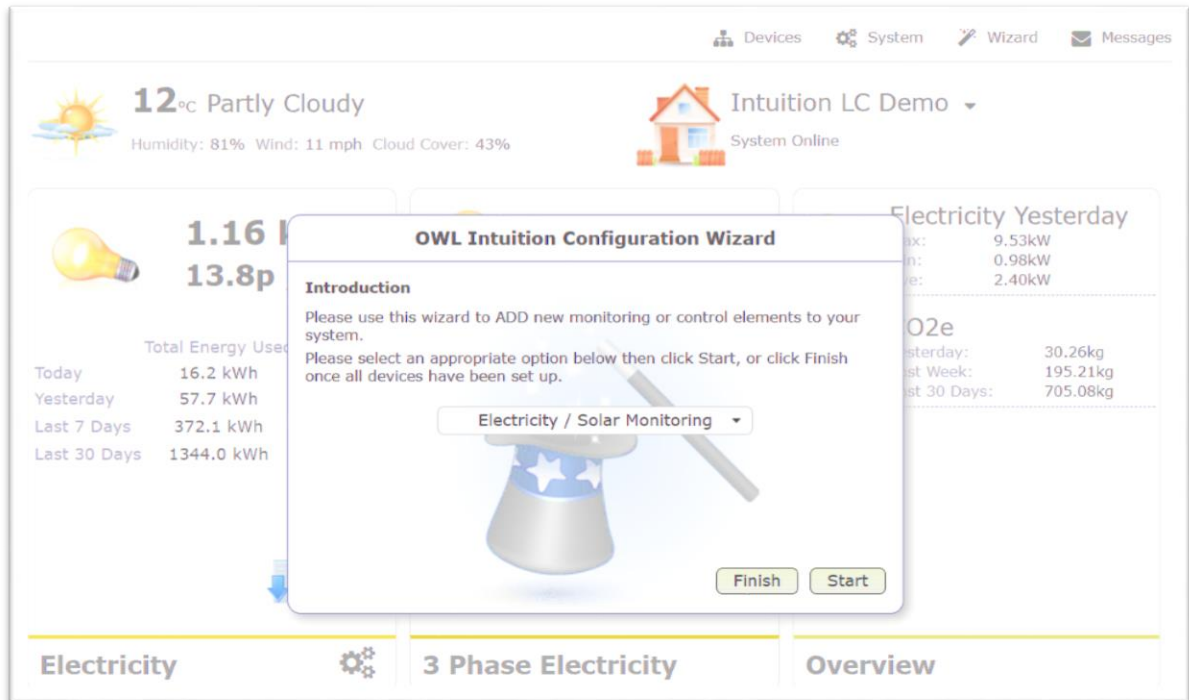




3 Pairing Network Owl to Transmitter

Once logged into account the Owl Intuition Configuration Wizard should pop up automatically. If this does not happen click on Wizard in the toolbar at the top of the screen.

- o Ensure that 'Electricity / Solar Monitoring' is selected on the configuration wizard and click 'start'



3.1 Owl Transmitter already paired?

If the Owl Transmitter (the transmitter is installed in meter cupboard) is already paired with the Network Owl you will see the below message:

- o Click 'Next' and move to step 3 of instructions

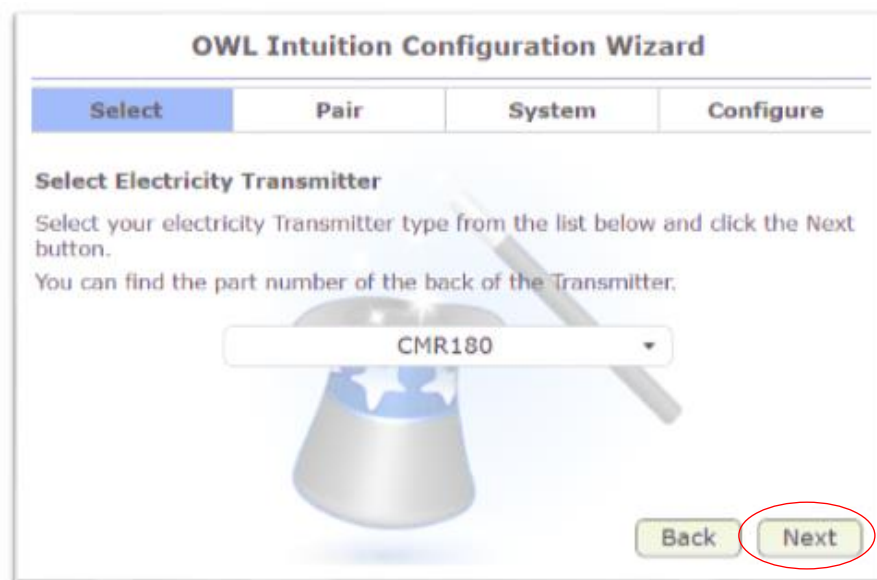




3.2 Owl Transmitter not paired?

If the Owl Transmitter is **NOT** already paired with the Network Owl you will see the below message:

- o Ensure CMR180 is selected and click 'Next'



- o Follow instructions on screen to pair the devices





OWL Intuition Configuration Wizard

Select	Pair	System	Configure
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Pair Transmitter To Network OWL

- 1) Insert batteries into the Transmitter
- 2) Press and hold the Transmitter check button until the red LED starts to flash
(The check button is located in the battery compartment or on the front depending on the Transmitter)
- 3) Click Next to proceed with pairing

- Click 'Next'

If the transmitter and network owl have successfully paired you will see a successful pairing screen

- Click 'Next'

4 System Configuration

Select 'Intuition-le (single phase electricity)' from the drop down list and click 'Next'

Change the voltage to '240' in the Electricity Settings, ensure Power Factor is set to '1.0' and click 'Next'

OWL Intuition Configuration Wizard

Select	Pair	System	Configure
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Configure Your Electricity Monitoring System

If required, the default voltages for this installation can be modified below.
(Reading accuracy can be improved by using actual installation voltages.
Power factor can be altered for fine calibration adjustments. If in doubt,
leave default values unchanged)

Electricity Settings (Consumption)

Voltage <input style="border: 2px solid red;" type="text" value="240"/>	Power Factor <input type="text" value="1.0"/>
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If successful you should see the following or similar completion message:

- o Click 'Finish'



You should now be able to see a consumption reading on your Owl dashboard:

305 Watts
7.6p /hr

	Energy Used	Cost
Today	2.9 kWh	£0.73
Yesterday	13.6 kWh	£3.40 ↑
Last 7 Days	68.4 kWh	£17.06 ↑
Last 30 Days	239.9 kWh	£51.38 ↑

Electricity Yesterday
Max: 3.14kW
Min: 0.13kW
Ave: 0.24kW

CO2e
Yesterday: 7.15kg
Last Week: 35.89kg
Last Month: 125.83kg

Announcing OWL Intuition
17:00, 22/5/2012
OWL is proud to announce the launch of its complete range of internet energy monitoring products.

Exhibiting @ Ecobuild 2013
16:00, 21/5/2012
2 Save Energy will be exhibiting at Ecobuild 2013, visit us on stand N4050

