



## Export CSV Details

### Purpose

This feature allows you to download the data that we have logged from your OWL Intuition electricity monitoring on our servers. This data is provided as a Comma Separated Values ("CSV") file ([http://en.wikipedia.org/wiki/Comma-separated\\_values](http://en.wikipedia.org/wiki/Comma-separated_values)). This file type can be opened by all common spreadsheet applications such as Excel or Numbers. You can then use these applications to manipulate the data and produce graphs etc. to meet your own specific needs and requirements. Please note OWL are unable to support you in doing this.

### Date range

You can enter any start date and then select an end date up to 1 month later. If you need to cover a longer date range than this you will need to download multiple files, each up containing up to 1 month of data. If required these files can be combined using your spreadsheet application.

### Data retention

The OWL Intuition servers will store and provide data at full 12 - 60 second resolution covering the prior 4 months. Between 4 and 13 months data will be stored and provided at daily resolution. Therefore if you wish to keep full resolution data for your own records you must download before the resolution is reduced to daily – if this is your requirement we recommend doing a CSV download once a month.

### Data fields

The data consists of several columns of data fields, with one line of data for each data packet received from your Transmitter. Each column has a heading and the meaning of each heading is provided in the table below.

### Important Notes:

- A full month of data is likely to be many tens of thousands of lines of data. This may take a while (potentially minutes) to create and download. Please be patient!
- Your system may not have / use all three Transmitter Sensor inputs.
- If you have a 3 channel CMR119 Transmitter then unfortunately the 3 channels are aggregated into a single value at the Transmitter. This value is shown in 'curr\_chan1' and 'day\_chan1' fields.

<b>Column Heading</b>	<b>Description</b>	<b>Format / Units</b>
timestamp	Date and Time	yyyy-mm-dd hh:mm:ss
curr_property	Live Electricity Consumption Power (Aggregated for all consumption channels)	Watt
curr_property_cost	Live Electricity Consumption Cost (Aggregated for all consumption channels)	Monetary sub units, eg, Pence or Cents
day_property	Accumulated Electricity Consumption Power since midnight (Aggregated for all consumption channels)	Watt/hour
day_property_cost	Accumulated Electricity Consumption Cost since midnight (Aggregated for all consumption channels)	Monetary sub units, eg, Pence or Cents
curr_solar_generating	Live Solar PV Generated Power	Watt
curr_solar_export	Live Solar PV Exported Power	Watt
day_solar_generated	Accumulated Solar PV Power Generated since midnight	Watt/hour
curr_chan1	Live Sensor 1 Power	Watt
curr_chan2	Live Sensor 2 Power	Watt
curr_chan3	Live Sensor 3 Power	Watt
day_chan1	Accumulated Sensor 1 Power since midnight	Watt/hour
day_chan2	Accumulated Sensor 2 Power since midnight	Watt/hour
day_chan3	Accumulated Sensor 3 Power since midnight	Watt/hour