# Energenic

# **Big Brother Platform Usage Manual**

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#### **Purpose**

This manual serves as a reference guide to the efficient usage of the Big Brother Platform. This manual is a useful aid to assist a user of the platform - if needed.

## **General (Important)**

#### **Detailed data**

The values depicted on Big Brother are calculated, collected and some are averaged. The reason for this is to improve the performance and responsiveness of the platform, this being said, the exact value of every second/minute may not be available.

To view a specific data (on a graph which shows multiple values):

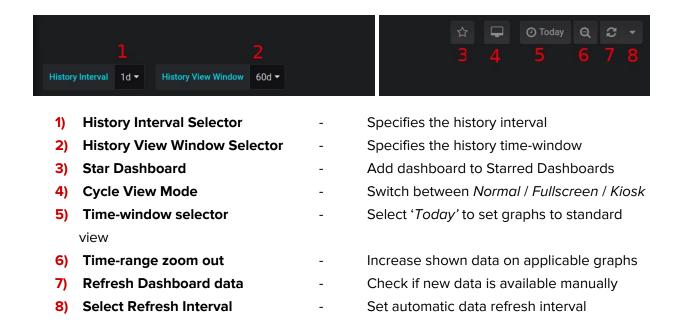
- Click the value you want displayed on its own (on the **legend** of the graph)
- To display a set of selected values (hold *CTRL* + *click* the values on the legend) this can also deselect values if not wanted.

## **Zooming and Resetting**

In order to reset the values and graphs to their current status, set the time-window to 'Today'.

The time-window can be changed by selecting a 'Quick Range', a 'Custom Range', or by selecting a timespan on a graph.

#### **Visual Guide**



#### **Overview Tab**

#### **Last Consumption/Yield Update**

Elapsed time since latest data was sent from the Sunny monitoring device/platform. This value **does not change** if the time-window is changed, it is the latest value.

# **Consumption (gauge)**

Shows how many kWh have been consumed currently, if the time-window is changed this will show how much was consumed from the beginning of the last day (within the time-window) up to the last time of that day.

# **Consumption (pie chart)**

Shows the percentages and current of the consumption since the start of that day. If the time-window is changed, the graph will show the current consumed during that period. However if the time-window is over a day, the values will represent only the amount consumed from the beginning of the last day (within the time-window) up to the last time of that day.

#### Solar Yield (gauge)

Shows the yield, in kWh, that has been accumulated currently, if the time-window is changed this will show how much was accumulated from the beginning of the last day (within the time-window) up to the last time of that day (within the time-window).

#### Yield (pie chart)

Shows the percentages and current of the Solar Power and Generator yield since the start of that day. If the time-window is changed, the graph will show the yield during that period. However if the time-window is over a day, the values will represent only the amount consumed from the beginning of the last day (within the time-window) up to the last time of that day (within the time-window).

#### **Alerts**

Alerts are displayed when:

- An irregularity is found
- A pre-set trigger is reached by a certain value/value pattern

Alerts consist of a:

Name - Which describes the source

Message - Gives additional information (if applicable)

• Date - The date and time of the alerts initial activation (when the alert)

• Relative Time - Elapsed time of alert being displayed

• Status - PROBLEM alerts are the only alerts which will be displayed here

# **Hourly Overview (graph)**

Displays the hourly Total Consumption and hourly Total Yield of the selected time-window.

# **Consumption (graph)**

Displays the Consumption within the selected time-window.

# Solar Yield (graph)

Displays the Solar Yield within the selected time-window.

## **Weekly Consumption (graph)**

This shows the **current weekly consumption** if the time-window is changed, this graph will not show that time-windows values. To inspect the weekly consumption, reset the values (by selecting Today), once this is done, the weekly consumption will be depicted accurately.

## Weekly Yield (graph)

This shows the **current weekly yield** if the time-window is changed, this graph will not show that time-windows values. To inspect the weekly yield, reset the values (by selecting Today), once this is done, the weekly yield will be depicted accurately.

#### Yield Tab

## **Daily Yield Overview**

This graph shows a daily overview of the yield, any time-window less than a day will cause this graph to provide less accurate depictions, thus if a higher detail is required, use the hourly overview.

# **Hourly Yield Overview**

This shows the hourly yield of a selected time-window in hour intervals.

#### **Total Yield**

This shows the total yield of a selected time-window.

# **External Supply**

This shows the external supply of a selected time-window.

#### Solar Yield

This shows the solar yield of a selected time-window.

# **History Tabs**

## **Usage:**

The History tabs use the **History View Window** and **History Interval** selectors in order to generate the graph.

- Daily Overview
- Daily Yield Overview

# **Alert History Tab**

# **Monitoring Alerts**

Displays the currently **ACTIVE** alerts.

## **Alert History**

Displays the history of all alerts.

# **Contact and User Support**

Support Team

Email: <u>bigbrotherqueries@gmail.com</u>