

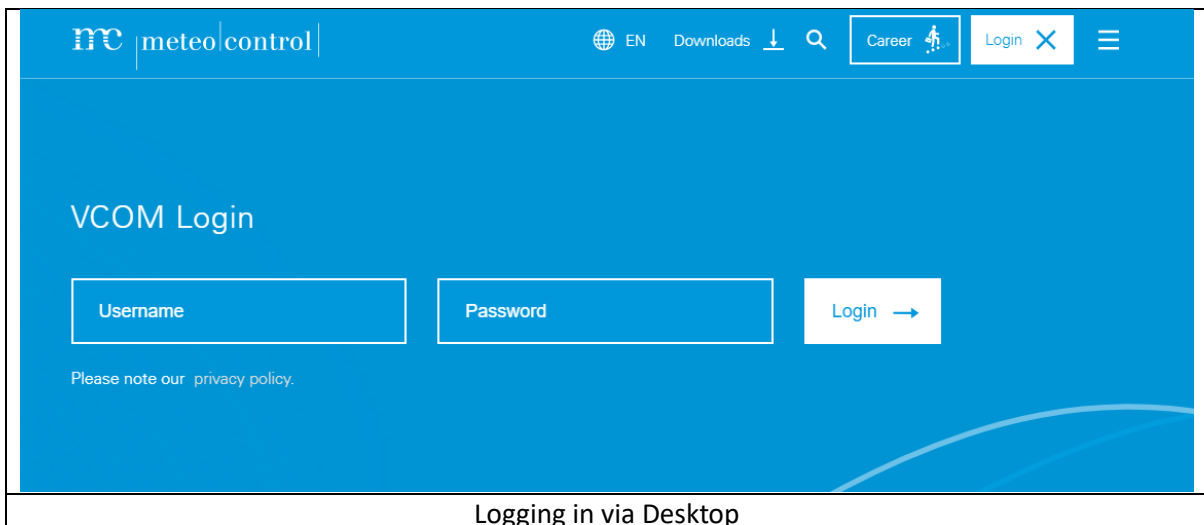
## VCOM Meteocontrol – USER GUIDE

### Introduction

The VCOM (Virtual Control Room) is an application that gives the user an overview of the performance of the entire system portfolio (in this case, the Sungrow SG110CXs), in a straightforward manner and on-demand. If a breakdown were to occur, this means faults can quickly be located and rectified efficiently.

It distinguishes between the portfolio level and system level. The control room provides an overview of the portfolio and an overall picture. If one wants to perform more in-depth analysis, one can switch to the system level eg. to the cockpit or evaluation section and concentrate entirely on one system.

### Login and Download App



VCOM Login

Username Password Login →

Please note our [privacy policy](#).

Logging in via Desktop

The default mode of utilising VCOM is via desktop – please first go to the website [meteocontrol.com](https://meteocontrol.com), click on “Login”, then input issued username and password.

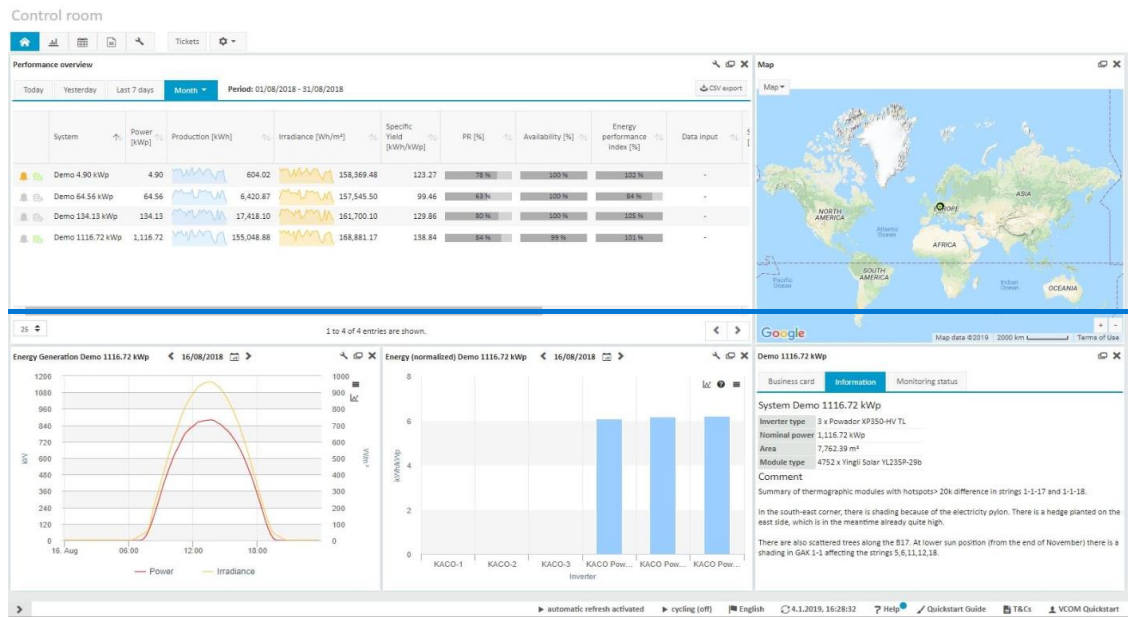
For monitoring on-the-go, you can utilise the “VCOM Monitoring” app, which you can download off of the Apple Store or Google Play Store. Similar to the desktop, you would also just need to click on “Login”, then input issued username and password.

### The Control Room

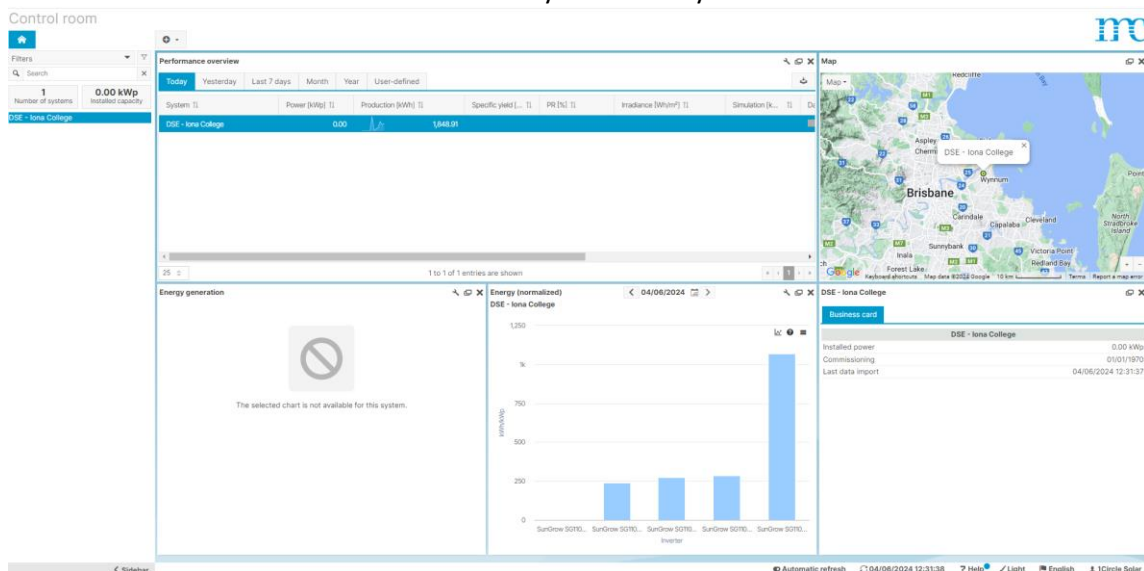
Following the log in, you are directed to the control room – this provides a complete overview of all systems, and the view is preset to suit your authorisation level. Hence, it is probable you will not have all the functions described in this guide at your disposal.

This control room is the most important view in VCOM – as all sections in VCOM, the content is automatically updated every 5 minutes. Each page is preconfigured with portlets – these are smaller individual windows that can be resized, moved, or removed. Portlets can easily be added via the portlet centre.

Below are illustrated diagrams detailing the various functions of the app and how to navigate them.



Demo: Fully Activated Systems



Actual System (Current)

## THE CONTROL ROOM OPERATIONS

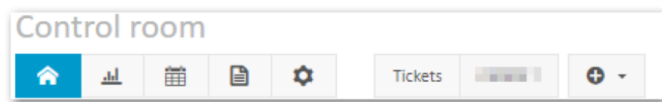
The **HOME BUTTON** will always bring you back to the control center's home page.

In the **ANALYSIS SECTION**, you can create your own diagrams for all systems. Analyses can be placed on your dashboards using a special portlet, the **analysis portlet**. You can also use the diagrams in your reports.

Use the **CALENDAR** to set one-time or regular appointments for your systems.

**REPORTS** – Create portfolio reports with charts and KPIs or generate CSV exports.

**ADMINISTRATION** – This opens a new window with various system or portfolio settings.



**OPTIONS** – Customize your dashboard by creating new tabs or adding new portlets.

**TICKETS** – Overview of all alarms and tickets. Analyze incoming alarms and manage on-site operations.

Control Room Top Panel Options for Typically Activated System  
Within your current panel, there is The Footer section (at the bottom right)

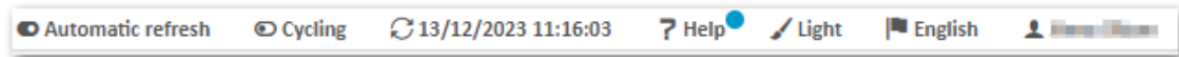
## THE FOOTER

You are currently logged in as this **USER**. Here you can edit your profile and log out.

Here you can change the **LANGUAGE** for your current session.

Select between a light and dark **THEME**.

When was your view last updated? New data is checked every 5 minutes. Click on the icon to reload immediately. You can also deactivate the automatic update.

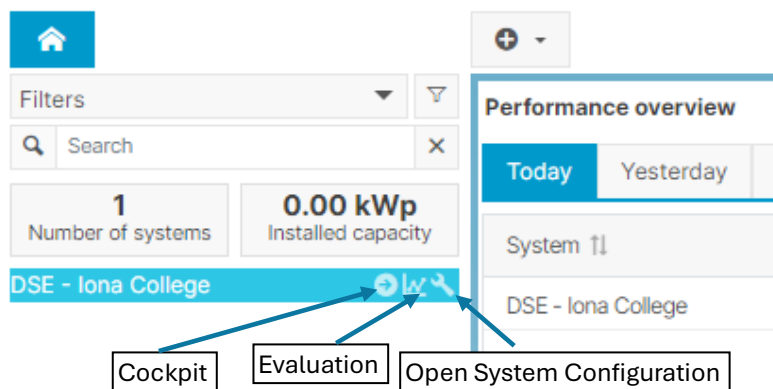


The **CYCLING-MODE** runs through all your systems and loads a new system at an adjustable time interval. Ideal for a control room view.


**HELP** – Get the welcome tour and view our privacy policy, release notes, keyboard shortcuts, system messages, and API documentation. The blue dot indicates that a new version of the VCOM has been released.


Then, if you hover over the project name at the top left of the page


## Control room

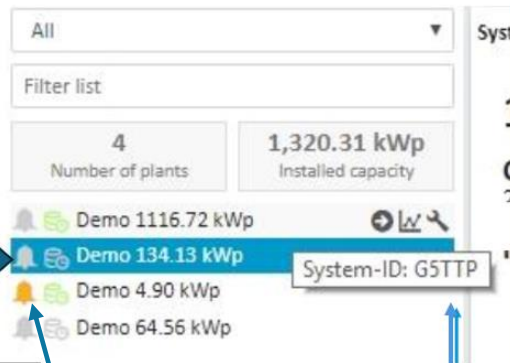


You are able to choose one of 3 different panels you can enter. To delve deeper into these for a typically fully energised system

 Cockpit – the start page of a system for a quick overview

 Evaluation – comprehensive, graphical insight into all measured data, KPIs, simulations and evaluations.

 Configuration – configure your system parameters here, from master data to alarm settings and data logger configurations

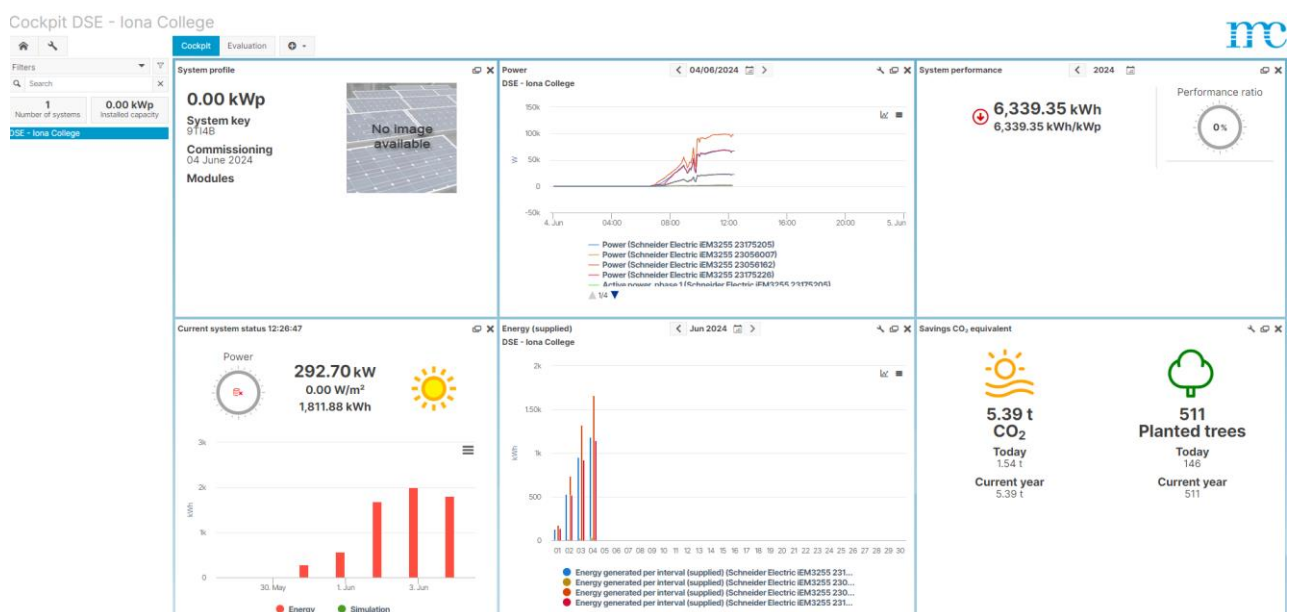


System indicators – the bell icon indicates open alarms, and the database icon indicates data input problems. Ideally, both should be green. If the icons are grey, this means that alarms are in progress or that there is no available data input

System ID – have the ID ready when you contact VCOM's tech support.

In the instance an **orange/red** alarm shows, click on the respective system's cockpit icon for further details

## The Cockpit (The System Level)



Within here, you can explore at the system level for further analysis or configuration. All menu items from the cockpit (in blue) then refer to the selected system. For a better overview, the selected page and the name of the current system are shown at the top.

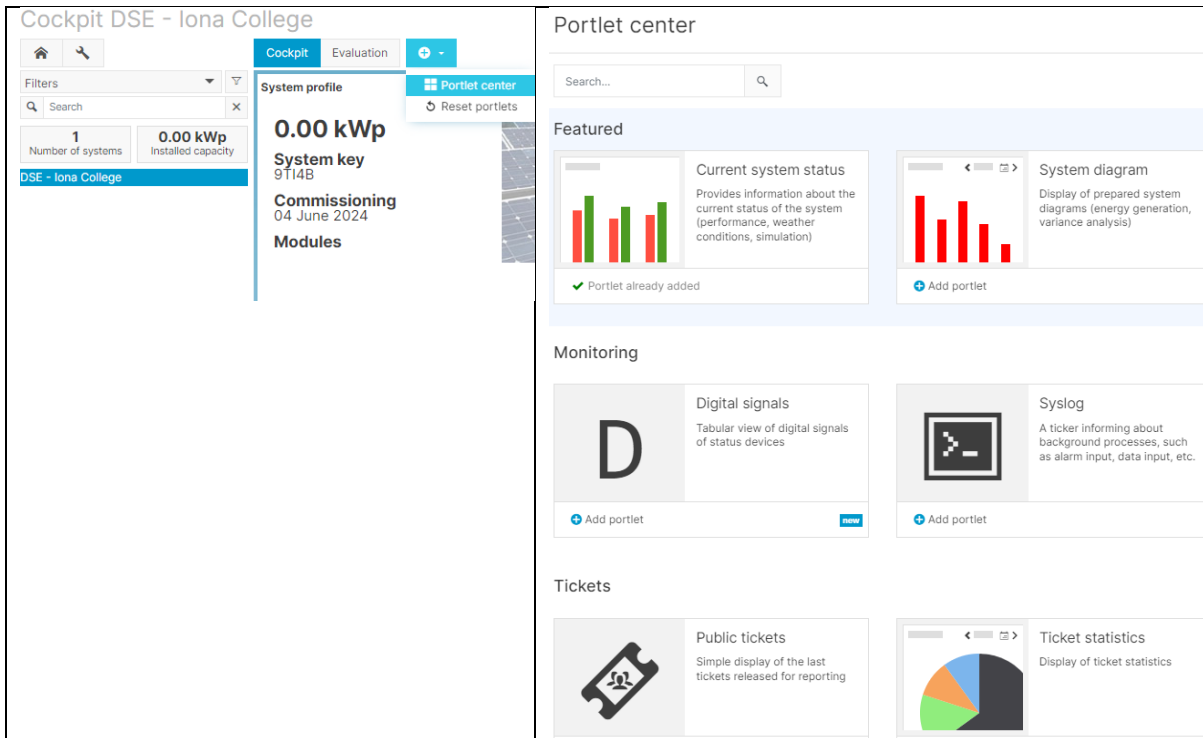
You can also configure the portlets at the system level.

In the case that the system exhibits a red alarm, the graphs will show none or negative output. In this instance, **please get in touch with DS Energy on the following number**

**(07) 3051 2051**

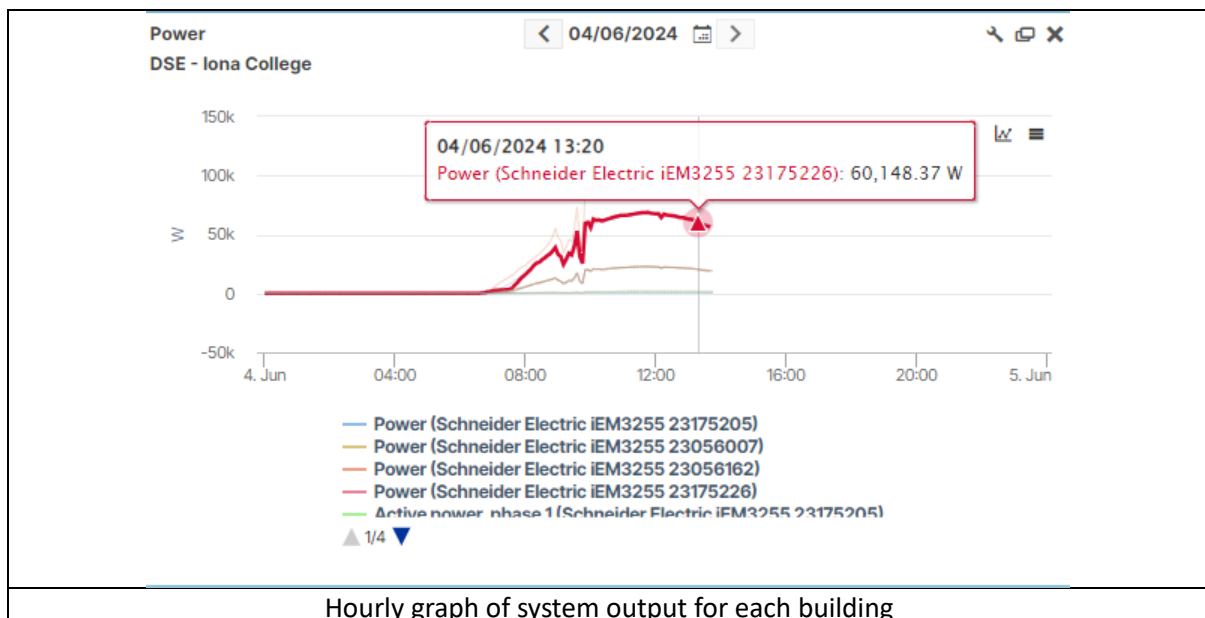
**Who will arrange for a customer support engineer to investigate and attempt to repair the fault remotely. If this is not possible, then DS Energy will aid you in filling out the fault**

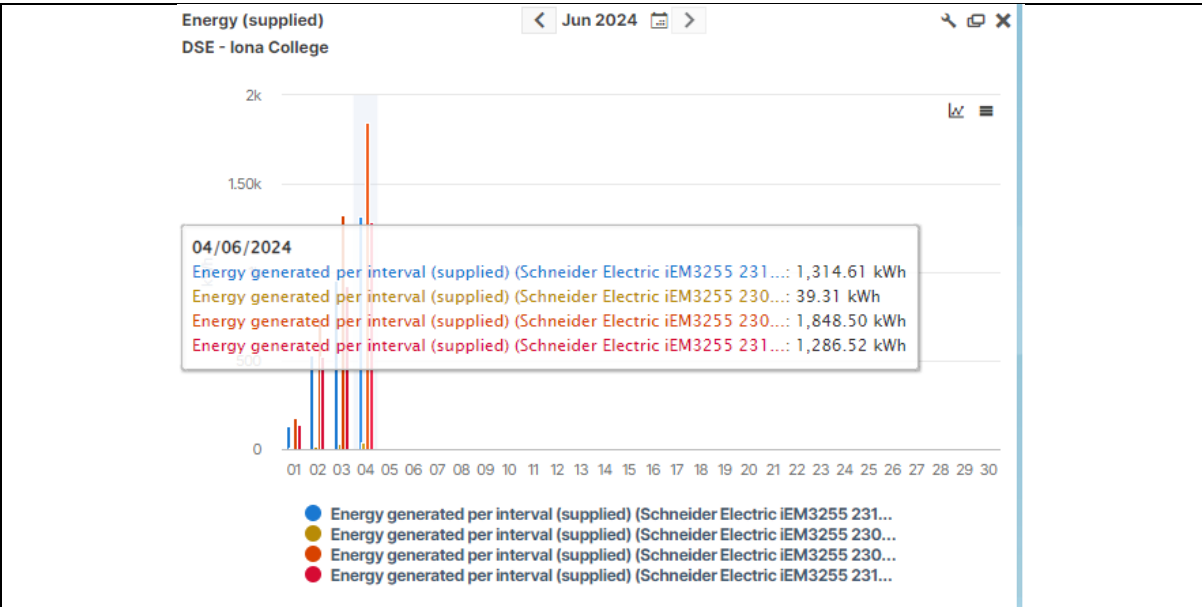
information, instruct on how you can upload a fault picture, and ultimately coordinate a site assessment.



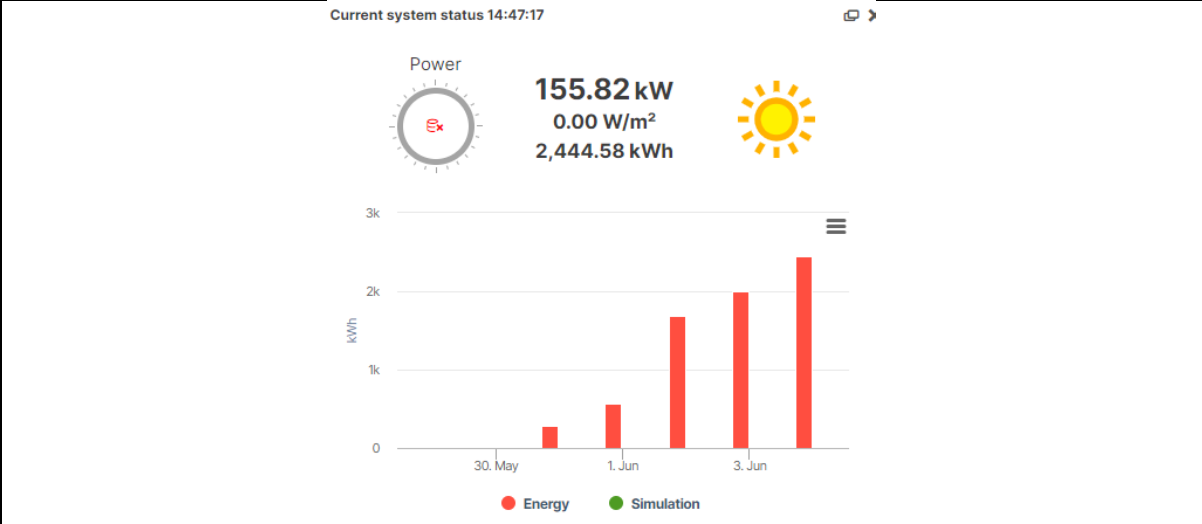
The screenshot displays the 'Cockpit DSE - Iona College' interface. On the left, a sidebar shows filters and system information: 1 Number of systems, 0.00 kWp Installed capacity, and System key 9T14B. The main area is titled 'Portlet center' and contains several portlets: 'Current system status' (a bar chart), 'System diagram' (a display of prepared system diagrams), 'Digital signals' (a tabular view of digital signals), 'Syslog' (a ticker for background processes), 'Public tickets' (a simple display of the last tickets), and 'Ticket statistics' (a display of ticket statistics). Each portlet has an 'Add portlet' button.

Returning to the **Cockpit**, you have the ability view the following pertaining to system performance





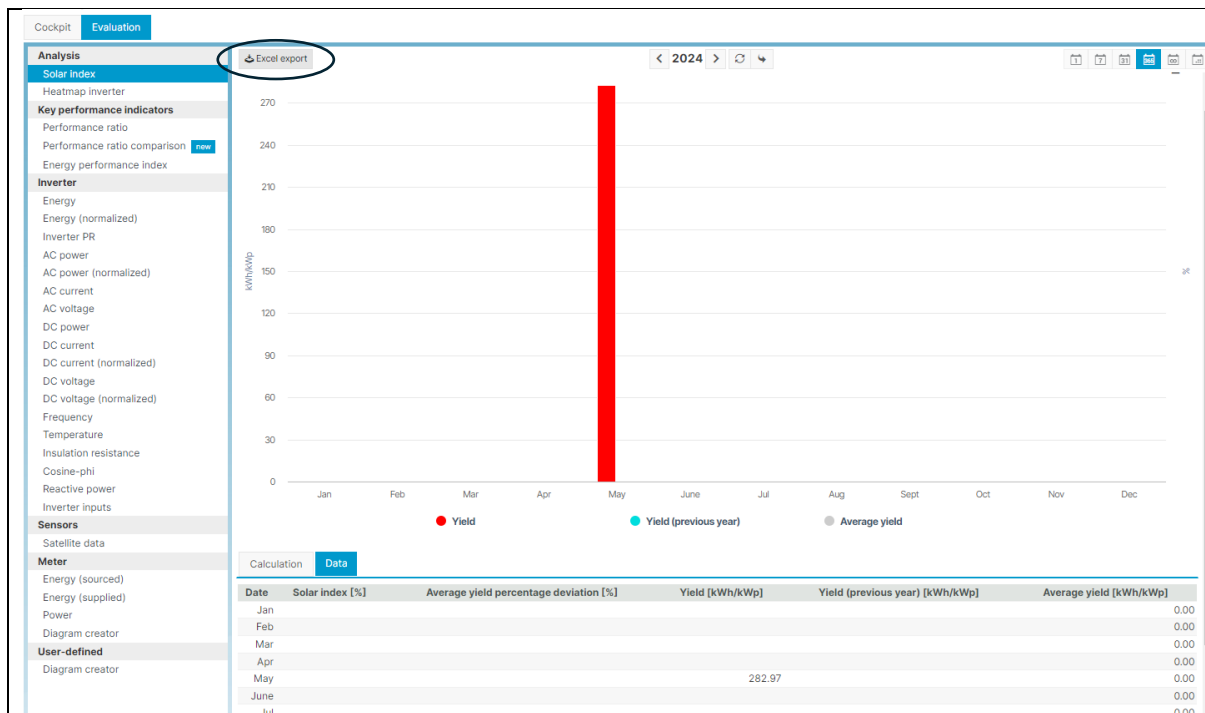
Daily bar graph of system output for each building



System Status (to the nearest minute)

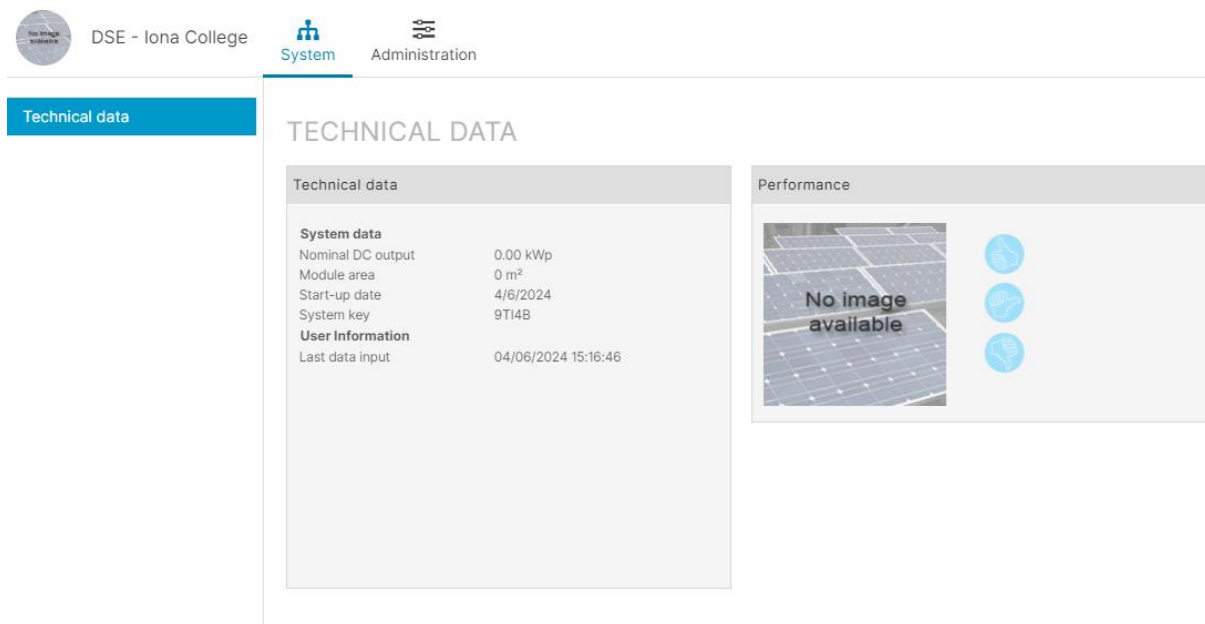
Evaluation

To generate system reports (.xsl format), you click on **Evaluation**, select **Solar Index** then click on **Excel Export**.




## System Configuration

The last of the 3 panels – from here you have the option to observe basic technical data of the system (values will populate correctly once system fully energised).



Under the **Administration** option, within the **Revenue** section, the options exist for inputting the desired tariff amount, having it set up as a uniform (**manual**) or **flexible** rate (depending on time of use).

 DSE - Iona College

System Administration

Meter Revenue Cooperations

## Revenue

Overview

	Energy	Revenue
Yesterday	2,002.27 kWh	2,002.27 AUD
Total	7,037.35 kWh	7,037 AUD


## Settings

Remuneration type

Remuneration per kWh

Currency

[Save](#)

 DSE - Iona College

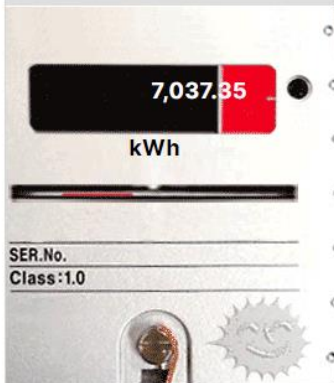
System Administration

Meter Revenue Cooperations

## METER

Show

### Solar Energy Meter



7,037.35 kWh

SER.No.  
Class:1.0

[Enter meter reading](#)

Please be aware that displayed readings do not necessarily correlate with the official meter reading. Reach out to your O&M Manager or Portal representative in case you need to pass this value to a third party.

It is strongly recommended not to enter the **Meter** section – if any information needs to be changed relating to this, it is advisable to get in touch with us at DS Energy, at the following

Email: [solartech@dsenergy.com.au](mailto:solartech@dsenergy.com.au)

Phone: 07 3051 2061