



# ADVISOR<sup>®</sup>

## ENERGY ANALYTICS

# RESOURCE KRAFT

VERSION REVISED ON 25/02/2020

RACHEL MCNAMARA

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## Introduction

Advisor Energy Analytics is a cloud-based software solution that empowers management and operations teams with the information needed to make financial and process decisions to increase efficiencies and to reduce costs.

## Access Levels

There are three User Access Levels in Advisor:

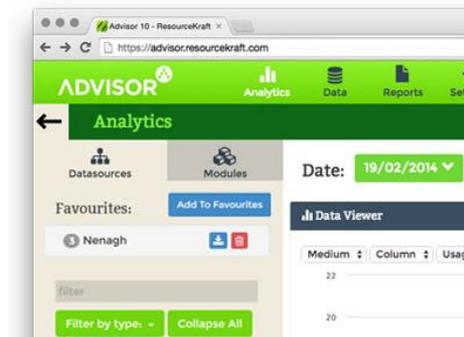
- 1) Administrator – access to all functionalities and reports
- 2) Manager – limited access
- 3) User – limited access

## Perspectives



### Version 10 - Introducing Perspectives

Introducing Advisor 10 - Rebuilt from the ground up, Advisor adds a compelling Perspectives feature. Perspectives present curated analytical modules; whether you are an Energy Manager, Financial Manager or a casual user of energy, Advisor's Perspectives allow our energy experts to deliver the most important information/data to you. Perspectives will help you make educated data driven business decisions at the click of a button. Let's get started!



Next

Choose your **Default Perspective**:

Choose default **Perspective**



**Energy Manager**

Concerned about energy usage and wastage? Energy Managers and Energy Champions this is the perspective for you.



**Financial Manager**

Want to get an handle on your energy costs? Financial Managers this is the perspective for you.

You will be able to change it later. Go to personal settings and set your new default perspective there.

Previous



Let's Go

## Perspectives – New Features

### New Features



#### Tablet Ready

Full support for all charts, screen sizes and touch inputs.



#### More Charts

View your energy data in ways that present better opportunities.



#### Edit in Place

Set-up KPIs & edit panels without having to leave the page.



#### Faster Loading

Advisor is now a single page application, requiring fewer page loads.



#### Custom Panels

Create collections of charts & drag them into a bespoke layout.



#### Perspectives

Role focused analytic layouts, curated by energy experts.

Previous



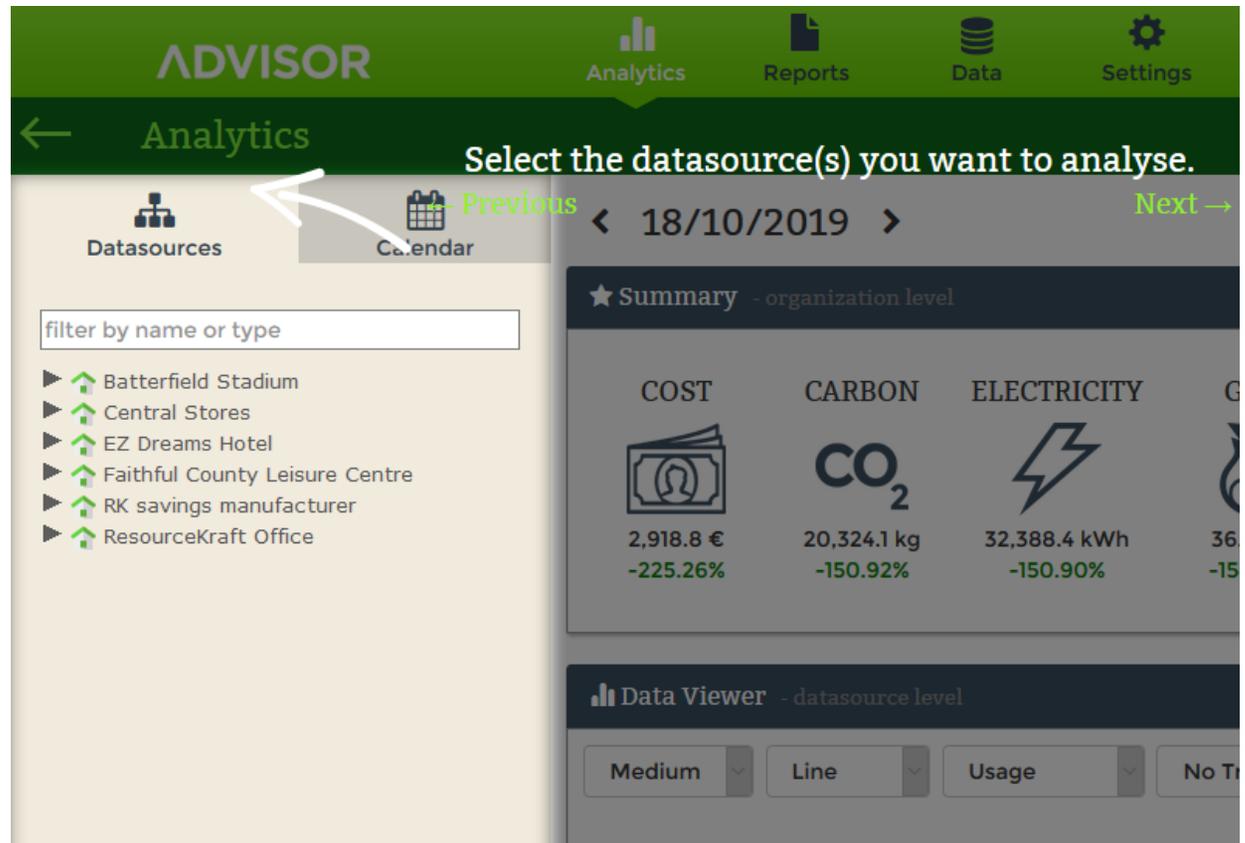
Next

# Analytics

## Datasources

The first step in reviewing energy analytics is to select the datasource(s) to be analysed. Follow the steps below to select the relevant datasource (s):

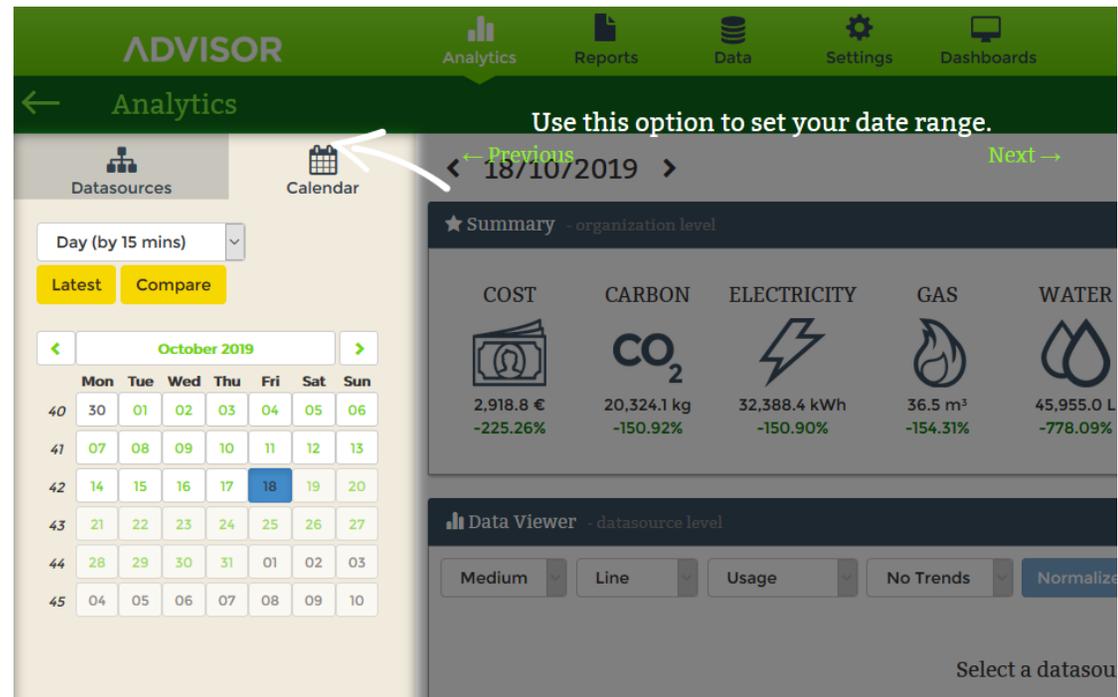
- Click the datasources tab to show your sites.
- To select a datasource use the green arrows beside the chosen sites to expand your choice.
- To select and de-select datasources select the box beside the datasource.
- You can select up to 15 datasources at one time, however we recommend selecting no more than five for ease of viewing.
- No more than two datasource types (electricity, gas, etc.) should be selected.



## Calendar

The next step is to select the date range and the granularity within which the datasource(s) are to analysed:

- The calendar defaults to today and the default frequency of data is 15 minutes.
- To change this, select the 'Calendar' tab and then select the 'Granularity' dropdown menu.
- 'Compare' allows you compare two different dates or periods.
- 'Latest' brings you to the current date.
- Then select your dates on the calendar below.



The screenshot shows the ADVISOR Analytics interface. At the top, there are navigation tabs for Analytics, Reports, Data, Settings, and Dashboards. Below this, the 'Analytics' section is active, showing a date range of 18/10/2019. A white arrow points to the 'Calendar' tab, which is highlighted. The calendar shows the month of October 2019, with the 18th selected. Below the calendar, there are buttons for 'Latest' and 'Compare', and a dropdown menu for 'Day (by 15 mins)'. To the right, a 'Summary' section displays data for COST, CARBON, ELECTRICITY, GAS, and WATER, with values and percentage changes. Below the summary is a 'Data Viewer' section with various filters and a 'Select a datasource' button.

## Analytics

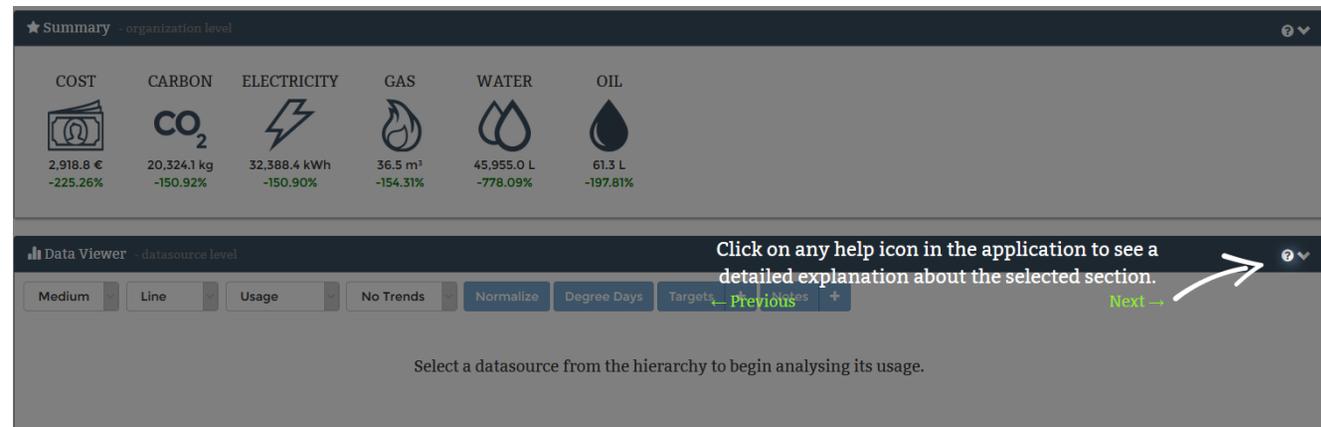
This section of Advisor Energy Analytics is the area you can drill down for specific information about specific datasources.

This manual will go through each section from top to bottom in the order you see on the screenshot to the right.

As you can see each section has a ? icon. If you click on that icon, it will give a brief explanation of what each section does.

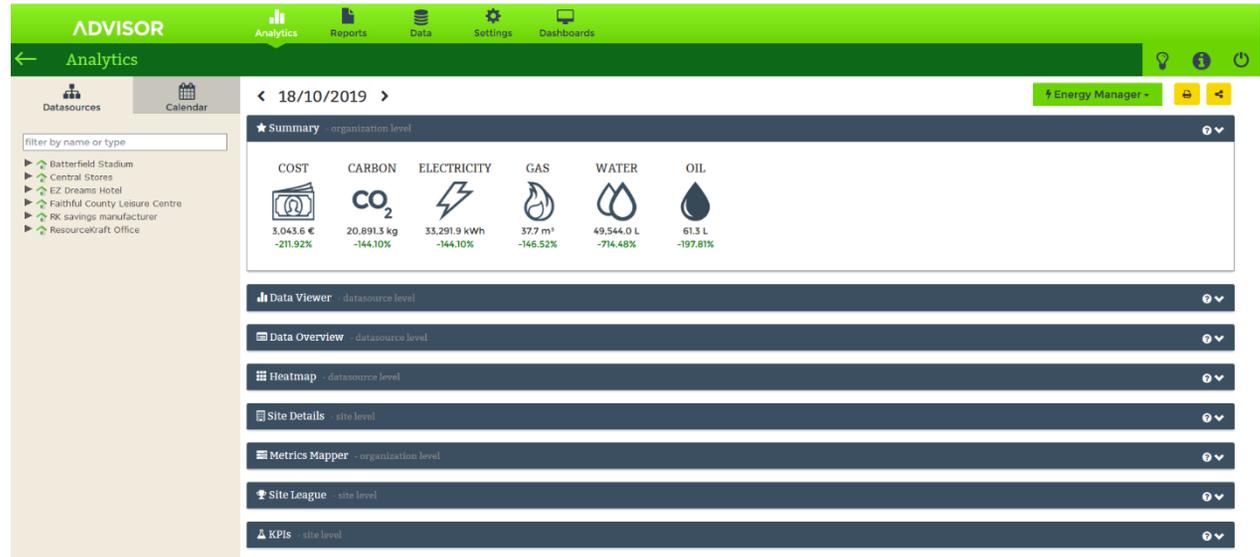
Each section also has a down arrow which gives you a number of viewing options when you click on it:

- Toggle this (expands that section)
- Show only this (expands that section and collapses all others)
- Expand All
- Collapse All



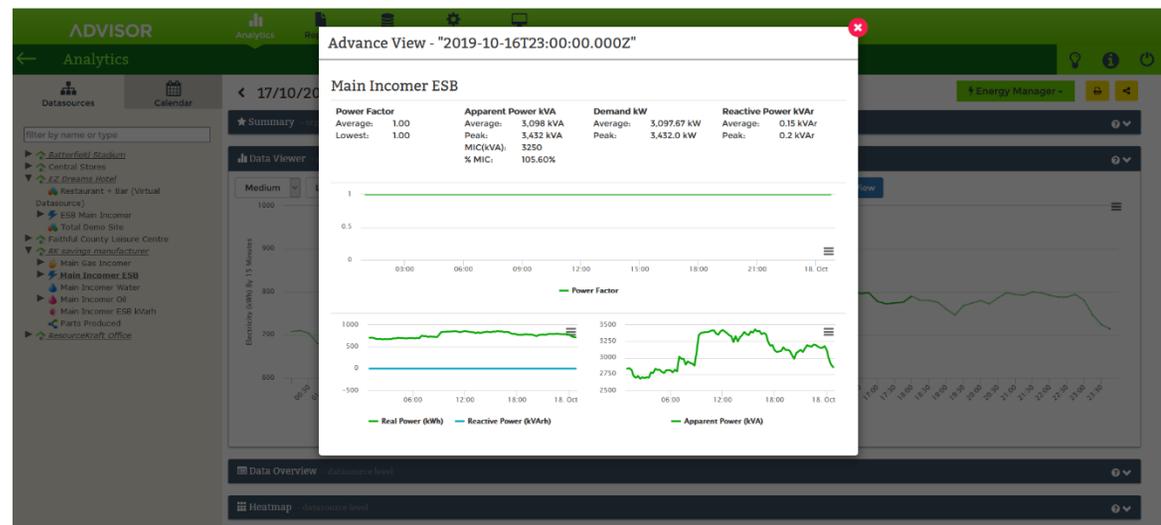
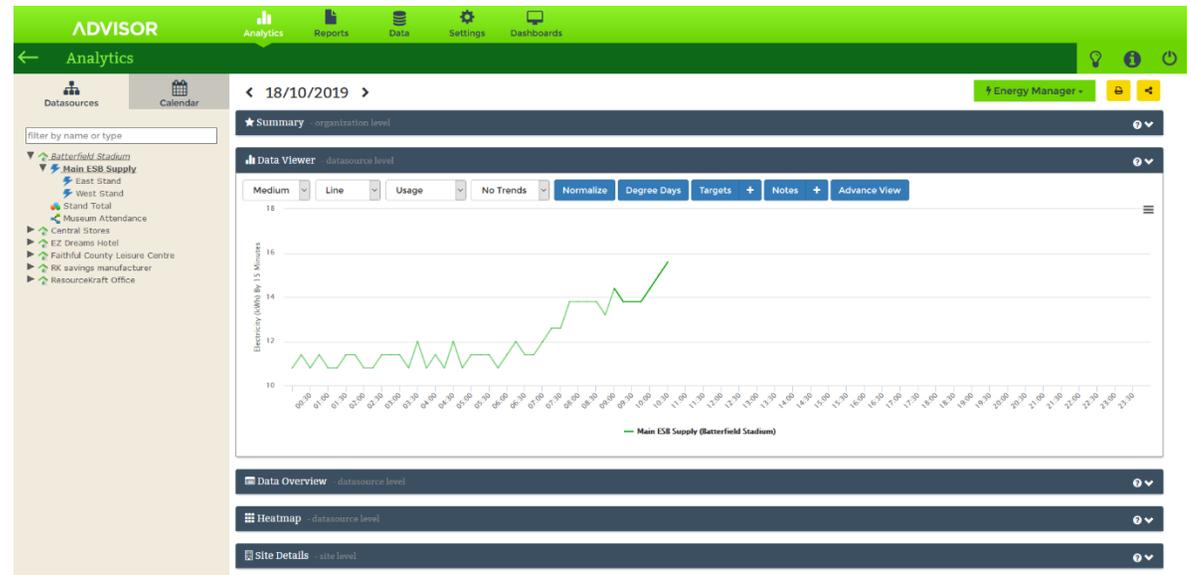
## Summary

- The Summary table shows the total usage for each energy type within your organisation for the period selected.
- This is generally the main incomer of Gas, Water, Electricity etc. as per your utility bill.



## Data Viewer

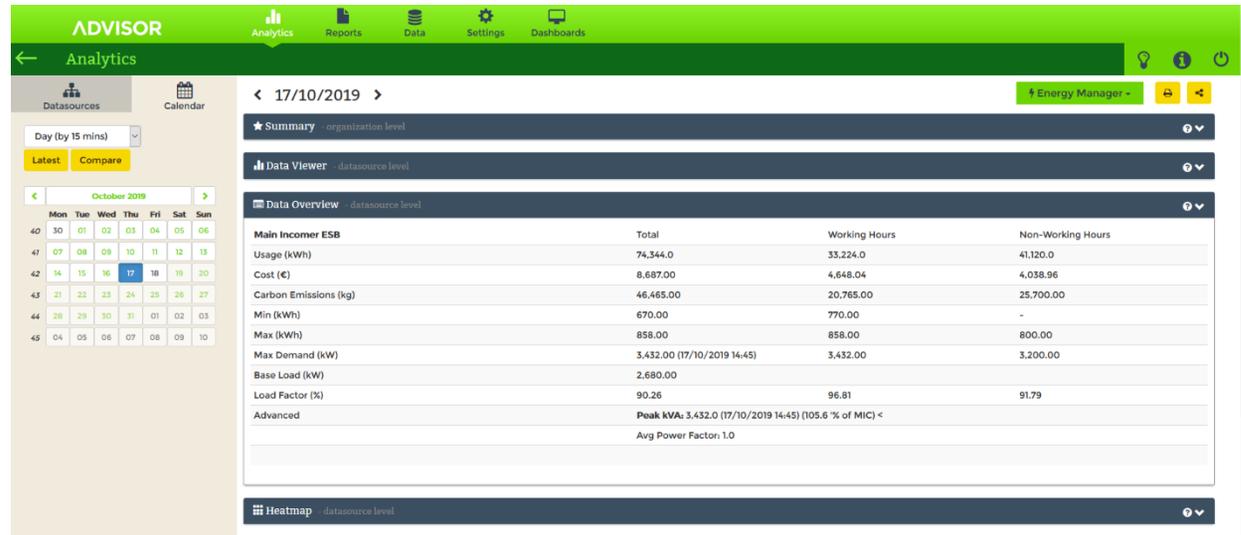
- The **Data Viewer** shows the data usage for your selected datasource(s) within the period selected.
- It also illustrates the data in the granularity you selected in the calendar.
- The visual representation of the graph can be altered using the Medium, Line, & Usage menus at the top of the screen.
- **Targets:** Click on (+) beside targets to create a new target. Click on Targets to show existing targets.
- **Notes:** Click on the (+) beside Notes to create a new note. Click on Notes to show any existing notes.
- **Advance View:** Click on Advance View to show additional information for some electrical datasources. For example, the kVarh and Power Factor.



## Data Overview

Data Overview shows the following details for the period and the datasource(s) selected:

- The total Usage for working and non-working hours
- Total Cost for working and non-working hours
- Your Max(kWh) used
- Max Demand
- Load Factor
- Carbon emissions



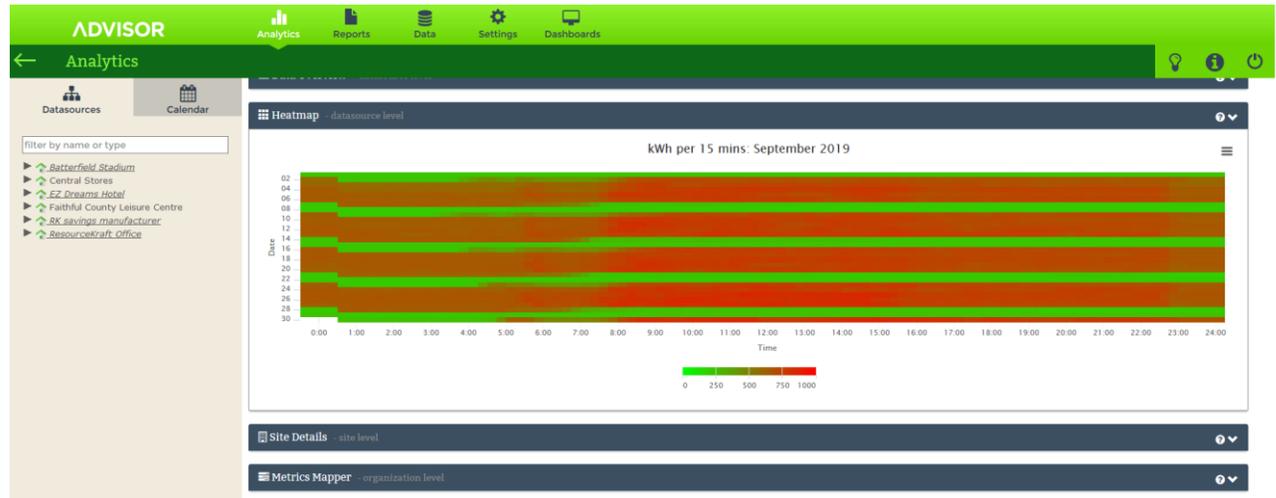
The screenshot displays the ADVISOR Energy Analytics interface. The top navigation bar includes 'Analytics', 'Reports', 'Data', 'Settings', and 'Dashboards'. The main content area is titled 'Analytics' and shows a date selector for '17/10/2019'. Below this, there are sections for 'Summary', 'Data Viewer', and 'Data Overview'. The 'Data Overview' section is expanded, showing a table with the following data:

	Total	Working Hours	Non-Working Hours
<b>Main Incomer ESB</b>			
Usage (kWh)	74,344.0	33,224.0	41,120.0
Cost (€)	8,687.00	4,648.04	4,038.96
Carbon Emissions (kg)	46,465.00	20,765.00	25,700.00
Min (kWh)	670.00	770.00	-
Max (kWh)	858.00	858.00	800.00
Max Demand (kW)	3,432.00 (17/10/2019 14:45)	3,432.00	3,200.00
Base Load (kW)	2,680.00		
Load Factor (%)	90.26	96.81	91.79
Advanced	Peak kVA: 3,432.0 (17/10/2019 14:45) (105.6 % of MIC) <		
	Avg Power Factor: 1.0		

Below the table, there is a 'Heatmap' section. The left sidebar contains a calendar for October 2019, with the 17th highlighted. The top right corner shows 'Energy Manager' and a lock icon.

## Heatmap

- The Heatmap creates a scale going from your highest to lowest usage
- Dark Red indicates high usage
- Light Green indicates low usage
- The heatmap can be used to quickly identify trends in data:
  - Daily and weekly patterns
  - Spot abnormalities: e.g. data gap at 06.30-11.15 on the 17<sup>th</sup> of the month
- Double click an area of interest to display a more detailed graph in the graph viewer
- Heat map may be printed or downloaded (jpeg, pdf, etc.)

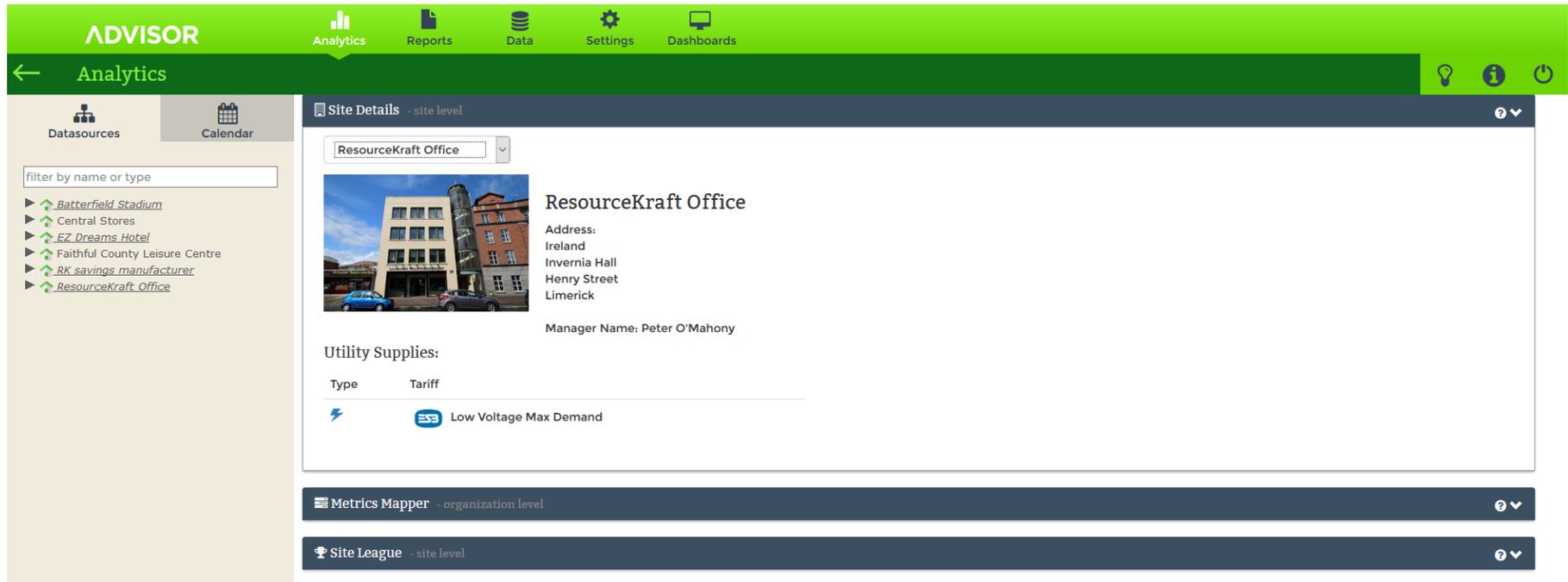


 Low Energy Consumption

 High Energy Consumption

## Site Details

Site Details shows any general details entered about the site, including utility suppliers



The screenshot shows the ADVISOR Energy Analytics interface. At the top is a green navigation bar with the ADVISOR logo and menu items: Analytics, Reports, Data, Settings, and Dashboards. Below this is a dark green header with a back arrow, the word 'Analytics', and utility icons (lightbulb, info, power). The main content area is divided into a left sidebar and a main panel. The sidebar has 'Datasources' and 'Calendar' tabs, a search box 'filter by name or type', and a list of sites with expandable arrows: Batterfield Stadium, Central Stores, EZ Dreams Hotel, Faithful County Leisure Centre, BK savings manufacturer, and ResourceKraft Office. The main panel is titled 'Site Details - site level' and features a dropdown menu set to 'ResourceKraft Office'. It displays a photo of the office building, the name 'ResourceKraft Office', the address 'Ireland, Invernia Hall, Henry Street, Limerick', and the manager 'Peter O'Mahony'. Under 'Utility Supplies', there is a table with columns 'Type' and 'Tariff', showing a single entry: 'ESB Low Voltage Max Demand' with a lightning bolt icon. At the bottom of the main panel, there are two tabs: 'Metrics Mapper - organization level' and 'Site League - site level'.

## Cost Mapper

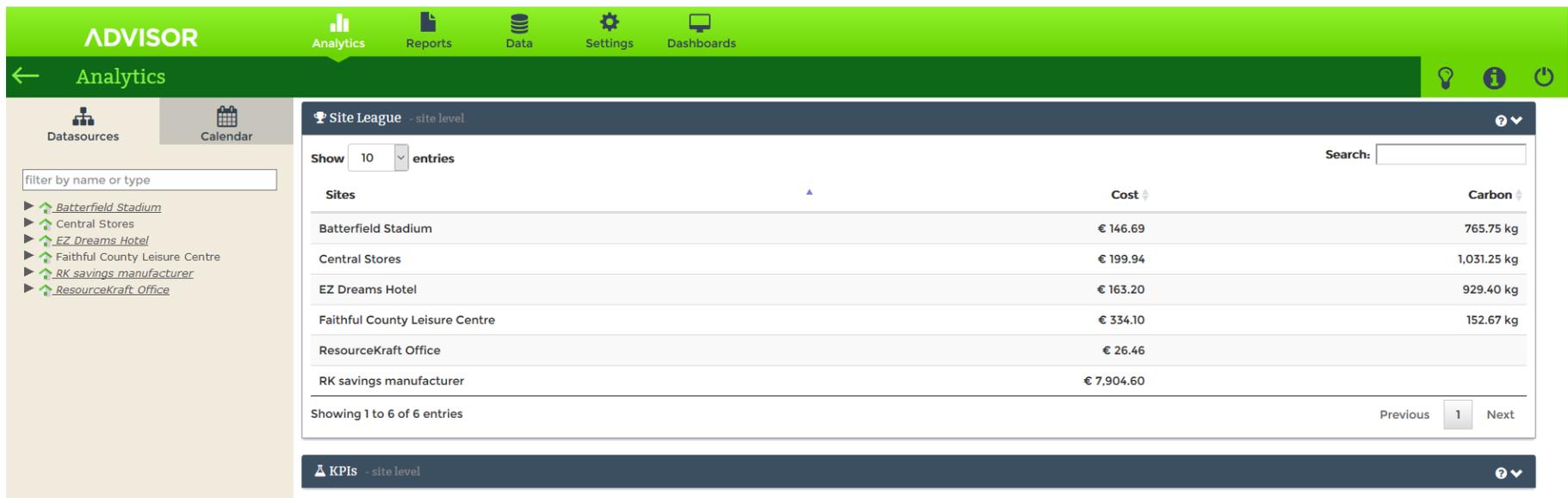
- The cost mapper shows the cost of a datasource compared to the previous period
- Red indicates an increase in usage
- Green indicates a decrease in usage
- Yellow indicates there has been no change
- The larger the box, the higher the cost of the particular datasource (regardless of comparison)
- The cost mapper can be used to quickly identify the most expensive datasource within your organisation



- Increase in Usage
- Decrease in Usage
- No Change

## Site League

- The Site League will compare your sites against each other
- This is most useful for organisations with a number of sites of similar size and layout



The screenshot shows the ADVISOR interface with the 'Site League' view selected. The top navigation bar includes 'Analytics', 'Reports', 'Data', 'Settings', and 'Dashboards'. The left sidebar shows 'Datasources' and 'Calendar' tabs, with a list of sites including Batterfield Stadium, Central Stores, EZ Dreams Hotel, Faithful County Leisure Centre, RK savings manufacturer, and ResourceKraft Office.

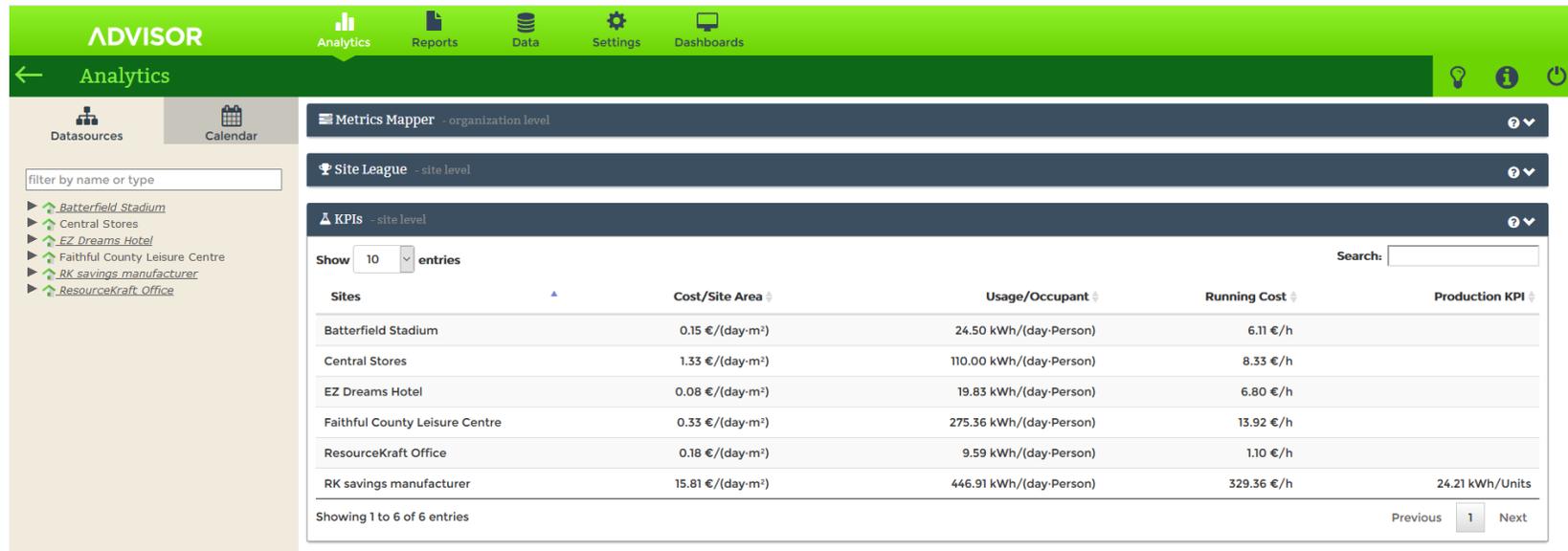
The main content area displays the 'Site League' table for 'site level' data. The table has columns for 'Sites', 'Cost', and 'Carbon'. The data is as follows:

Sites	Cost	Carbon
Batterfield Stadium	€ 146.69	765.75 kg
Central Stores	€ 199.94	1,031.25 kg
EZ Dreams Hotel	€ 163.20	929.40 kg
Faithful County Leisure Centre	€ 334.10	152.67 kg
ResourceKraft Office	€ 26.46	
RK savings manufacturer	€ 7,904.60	

The interface also shows 'Showing 1 to 6 of 6 entries' and navigation controls for 'Previous', '1', and 'Next'.

## KPI'S

- There are three default KPI's:
  1. Your Cost/Site Area
  2. Your Usage/Occupant
  3. Your Running Cost (€/h)
  
- A unique KPI can be set up for your site to allow you to compare your own Key Performance Indicators against your usage. Examples of different KPI's can be seen in the screenshot here.

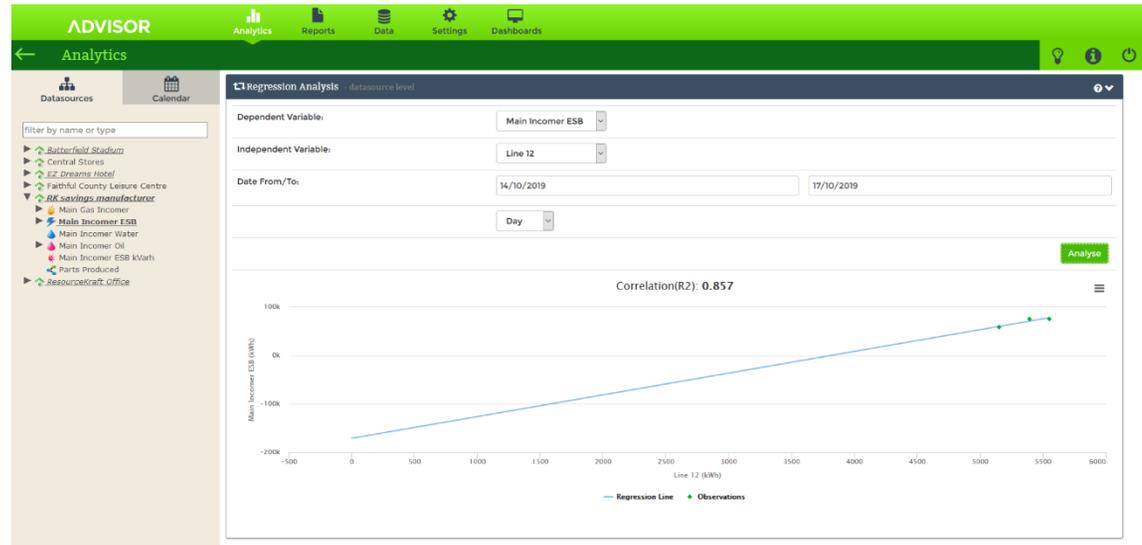


The screenshot shows the ADVISOR Energy Analytics interface. The top navigation bar includes 'Analytics', 'Reports', 'Data', 'Settings', and 'Dashboards'. The main content area is titled 'Analytics' and features a 'Metrics Mapper' section with a 'KPIs' table. The table displays data for six sites, including metrics for Cost/Site Area, Usage/Occupant, Running Cost, and a custom Production KPI.

Sites	Cost/Site Area	Usage/Occupant	Running Cost	Production KPI
Batterfield Stadium	0.15 €/(day-m <sup>2</sup> )	24.50 kWh/(day-Person)	6.11 €/h	
Central Stores	1.33 €/(day-m <sup>2</sup> )	110.00 kWh/(day-Person)	8.33 €/h	
EZ Dreams Hotel	0.08 €/(day-m <sup>2</sup> )	19.83 kWh/(day-Person)	6.80 €/h	
Faithful County Leisure Centre	0.33 €/(day-m <sup>2</sup> )	275.36 kWh/(day-Person)	13.92 €/h	
ResourceKraft Office	0.18 €/(day-m <sup>2</sup> )	9.59 kWh/(day-Person)	1.10 €/h	
RK savings manufacturer	15.81 €/(day-m <sup>2</sup> )	446.91 kWh/(day-Person)	329.36 €/h	24.21 kWh/Units

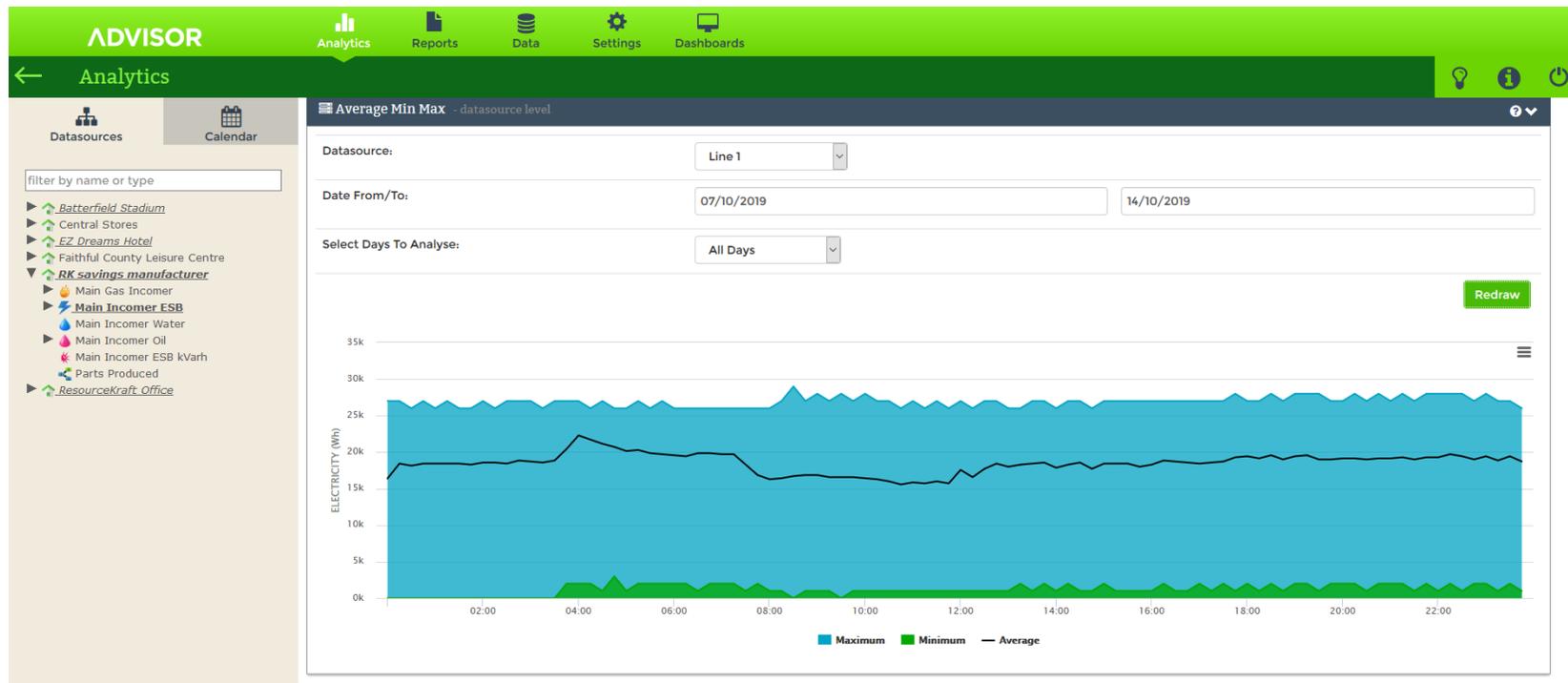
## Regression Analysis

- In statistical modeling, Regression Analysis is a statistical process for estimating the relationship among variables.
- It includes many techniques for modeling and analyzing several variables, when the focus is on the relationship between a dependent variable and one or more independent variables (or 'predictors').
- The aim of Regression Analysis is to verify if the two variables have a correlation with each other.
- This is represented by the  $R^2$  value here, which should be as close to 1 as possible. As you can see, these two datasources, do not have a correlated usage.



## Average Min Max

- The Average Min Max shows the following over a selected period:
  - The maximum usage
  - The minimum usage
  - The average between the two
- View is available over the 24 hours of a day
- The Average Min Max is used to find a baseline usage over the period specified



## Reports

### Below is a list of our reports:

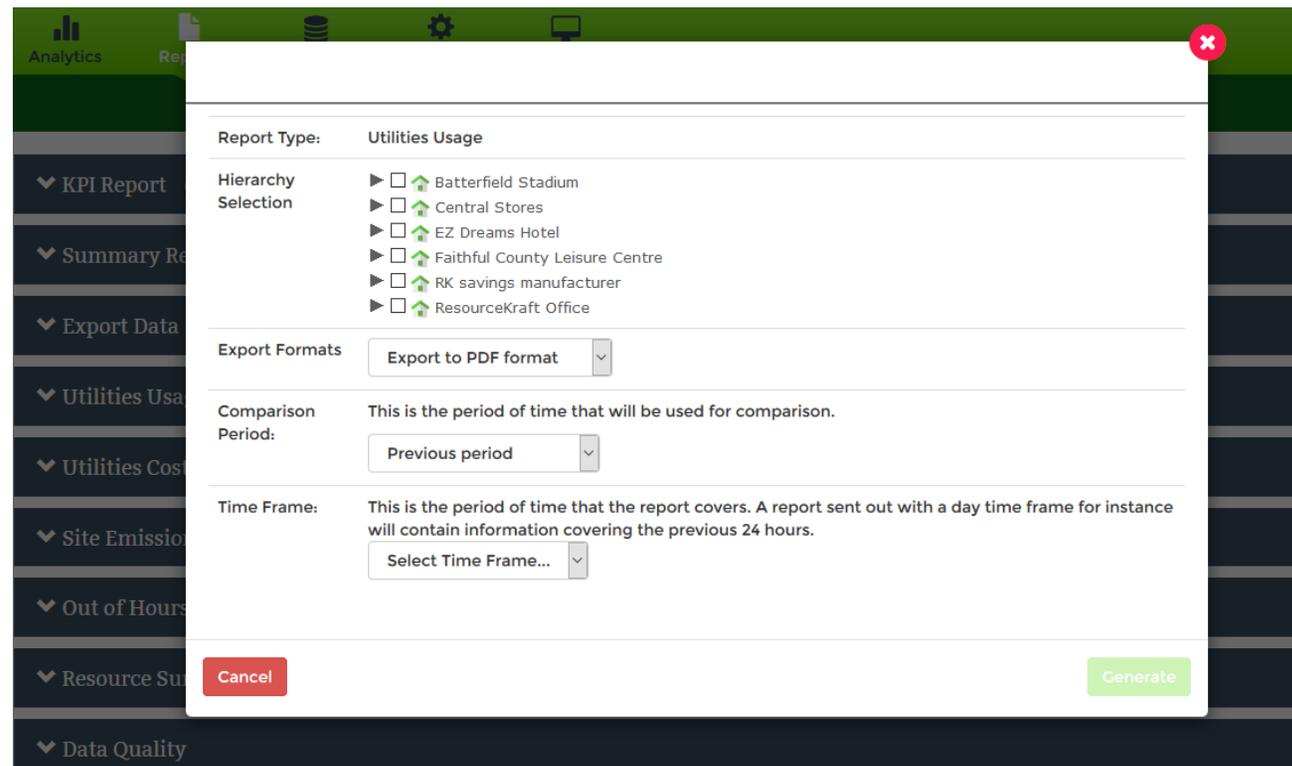
These can be generated and / or scheduled to be delivered via email.

- **KPI Report:** This report details your KPI results for the given period.
- **Summary Report:** This report provides an overview of energy cost and consumption for the selected period.
- **Export Data:** Allows export of raw data series into an Excel file.
- **Utilities Usage:** This report provides a breakdown of the energy usage of your organisation over a selected time frame. Totals and trends for each resource type (electricity, gas, etc.) are represented. A detailed breakdown of usage for each datasource is also provided, identifying key metrics such as peak, avg and total usage.
- **Utilities Cost:** This report gives you detailed cost information on all datasources in your organisation that have a cost or tariff associated with them. Site cost totals are also compiled, and their trends identified.
- **Site Emissions:** This report details the carbon emissions for your organisation on a per datasource basis.
- **Out of Hours Electrical Consumption:** This report gives you a detailed breakdown of the electricity being consumed in each of your sites during out of hours periods.
- **Resource Summary Report:** This report gives you a detailed breakdown of the resources that are being used on each site.
- **Data Quality:** This report provides a detailed breakdown of the percentage of collected data for each site and datasource for the given period.
- **Utilities Summary:** This gives a summary of the resources that are being used on each site.
- **Comparative Utilities Detailed:** Detailed utility cost and usage data in chart and tabular formats. Comparison with previous period.
- **Temperature and Humidity Detailed:** Detailed temperature and humidity data with charts. Organized by sites and/or site groups.
- **Tariff Report:** Allows tariffs to be analysed across an organisation.

## Generating a Report

To generate a report, click generate and follow the steps:

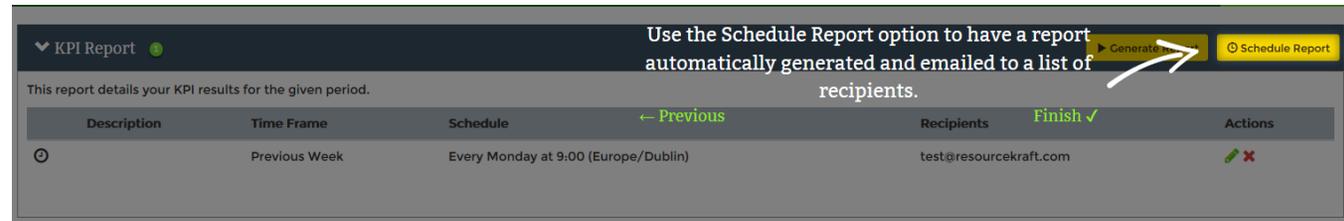
- Select the period
  - Rolling
  - Fixed
- Select the comparison period
  - Previous period
  - Same period last year
- Select the report format
  - Web
  - .PDF
  - .CSV
  - .DOCX
  - .RTF
- Select the site filer
  - Which site(s) do you want to generate a report for?



## Scheduling a Report

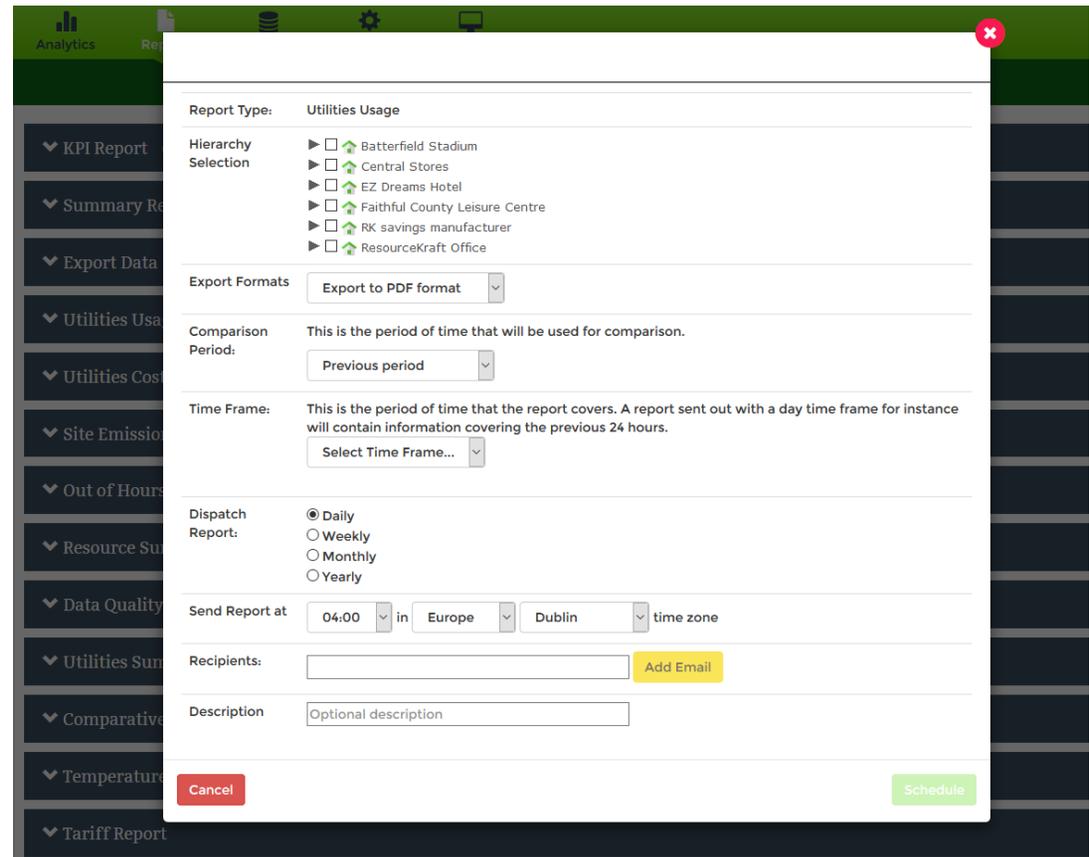
To schedule a report, click schedule and follow these steps:

- Select the applicable datasource(s)
- Select the export format
  - .PDF
  - .CSV
  - .DOCX
  - .RTF
- Select the comparison period
  - Previous period
  - Same period last year
- Select the time frame
  - Current Day
  - Previous Day
  - Previous Week
  - Previous Month
  - Current Year
  - Previous Year
- Select the dispatch frequency
  - Daily
  - Weekly
  - Monthly
  - Yearly
- Select the time the report will dispatch
- Add the report recipients



Use the Schedule Report option to have a report automatically generated and emailed to a list of recipients.

Description	Time Frame	Schedule	Recipients	Actions
	Previous Week	Every Monday at 9:00 (Europe/Dublin)	test@resourcekraft.com	



Report Type: Utilities Usage

Hierarchy Selection

- Batterfield Stadium
- Central Stores
- EZ Dreams Hotel
- Faithful County Leisure Centre
- RK savings manufacturer
- ResourceKraft Office

Export Formats: Export to PDF format

Comparison Period: This is the period of time that will be used for comparison. Previous period

Time Frame: This is the period of time that the report covers. A report sent out with a day time frame for instance will contain information covering the previous 24 hours. Select Time Frame...

Dispatch Report:  Daily  Weekly  Monthly  Yearly

Send Report at: 04:00 in Europe Dublin time zone

Recipients:  Add Email

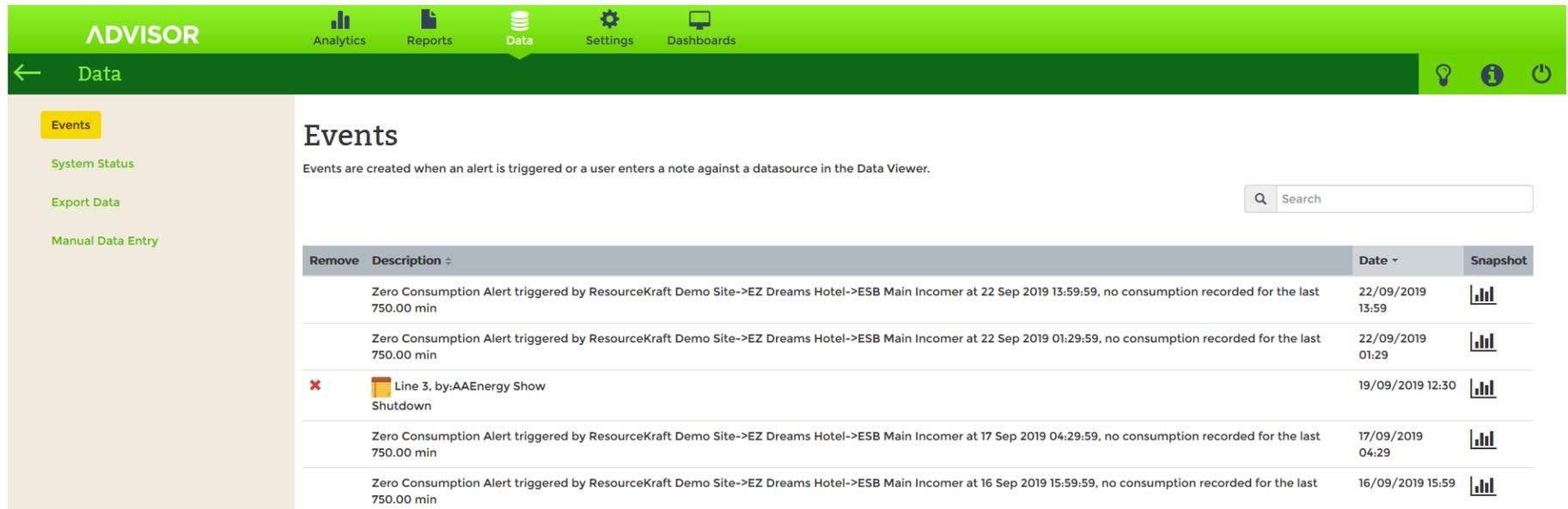
Description: Optional description

Cancel Schedule

# Data

## Events

- The Events page shows an Event Log of all events that have happened on your Advisor account in chronological order.
- An event occurs when:
  - An Alert is triggered (See page 27 for how to create an Alert)
  - A Note is created

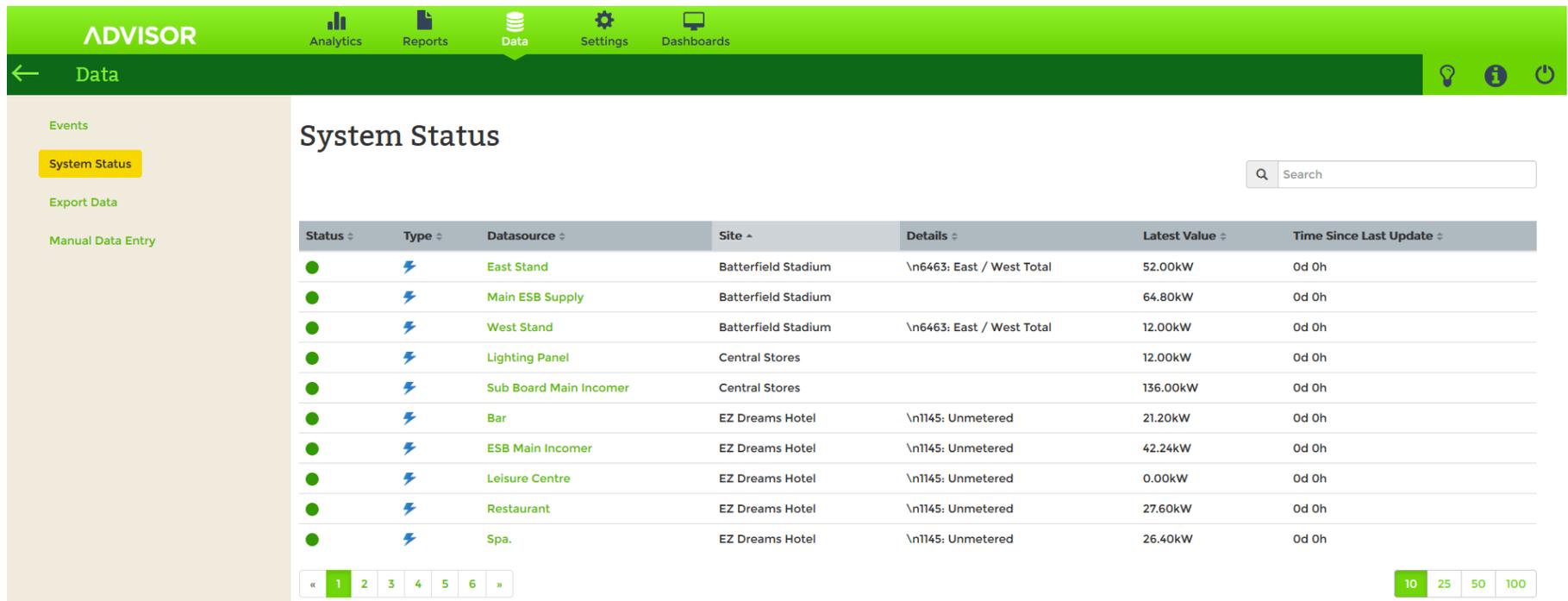


The screenshot shows the ADVISOR interface with the 'Data' menu selected. The 'Events' page displays a table of events. The table has columns for 'Remove', 'Description', 'Date', and 'Snapshot'. The events listed are:

Remove	Description	Date	Snapshot
	Zero Consumption Alert triggered by ResourceKraft Demo Site->EZ Dreams Hotel->ESB Main Incomer at 22 Sep 2019 13:59:59, no consumption recorded for the last 750.00 min	22/09/2019 13:59	
	Zero Consumption Alert triggered by ResourceKraft Demo Site->EZ Dreams Hotel->ESB Main Incomer at 22 Sep 2019 01:29:59, no consumption recorded for the last 750.00 min	22/09/2019 01:29	
	 Line 3, by:AAEnergy Show Shutdown	19/09/2019 12:30	
	Zero Consumption Alert triggered by ResourceKraft Demo Site->EZ Dreams Hotel->ESB Main Incomer at 17 Sep 2019 04:29:59, no consumption recorded for the last 750.00 min	17/09/2019 04:29	
	Zero Consumption Alert triggered by ResourceKraft Demo Site->EZ Dreams Hotel->ESB Main Incomer at 16 Sep 2019 15:59:59, no consumption recorded for the last 750.00 min	16/09/2019 15:59	

## System Status

- The System Status page shows the status of all your datasources.
- A green circle means the datasource is online.
- A black circle with an x in the center means it has been disabled.
- A red circle with an exclamation mark means the datasource is offline.



The screenshot shows the ADVISOR System Status page. The top navigation bar includes Analytics, Reports, Data (selected), Settings, and Dashboards. The left sidebar has a menu with Events, System Status (highlighted), Export Data, and Manual Data Entry. The main content area is titled 'System Status' and features a search bar and a table of data sources.

Status	Type	Datasource	Site	Details	Latest Value	Time Since Last Update
●	⚡	East Stand	Batterfield Stadium	\n6463: East / West Total	52.00kW	0d 0h
●	⚡	Main ESB Supply	Batterfield Stadium		64.80kW	0d 0h
●	⚡	West Stand	Batterfield Stadium	\n6463: East / West Total	12.00kW	0d 0h
●	⚡	Lighting Panel	Central Stores		12.00kW	0d 0h
●	⚡	Sub Board Main Incomer	Central Stores		136.00kW	0d 0h
●	⚡	Bar	EZ Dreams Hotel	\n1145: Unmetered	21.20kW	0d 0h
●	⚡	ESB Main Incomer	EZ Dreams Hotel	\n1145: Unmetered	42.24kW	0d 0h
●	⚡	Leisure Centre	EZ Dreams Hotel	\n1145: Unmetered	0.00kW	0d 0h
●	⚡	Restaurant	EZ Dreams Hotel	\n1145: Unmetered	27.60kW	0d 0h
●	⚡	Spa.	EZ Dreams Hotel	\n1145: Unmetered	26.40kW	0d 0h

At the bottom of the table, there are pagination controls showing page 1 of 6, and a filter control set to 10 items per page.

## Export Data

A data export can be scheduled on the Reports page. To manually export data to Excel, follow these steps:

- Select the datasource you would like to export the data for.
- Use the green arrows to expand your datasource choice.
- Select the dates between which you want to export data for.
- The dates must be coloured blue as seen in the image.
- Then select your granularity and click on the submit button.

**Note:** The submit button will only be selectable once all criteria for selection are met.

From: < October 2019 >

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
40	30	01	02	03	04	05	06
41	07	08	09	10	11	12	13
42	14	15	16	17	18	19	20
43	21	22	23	24	25	26	27
44	28	29	30	31	01	02	03
45	04	05	06	07	08	09	10

To: < October 2019 >

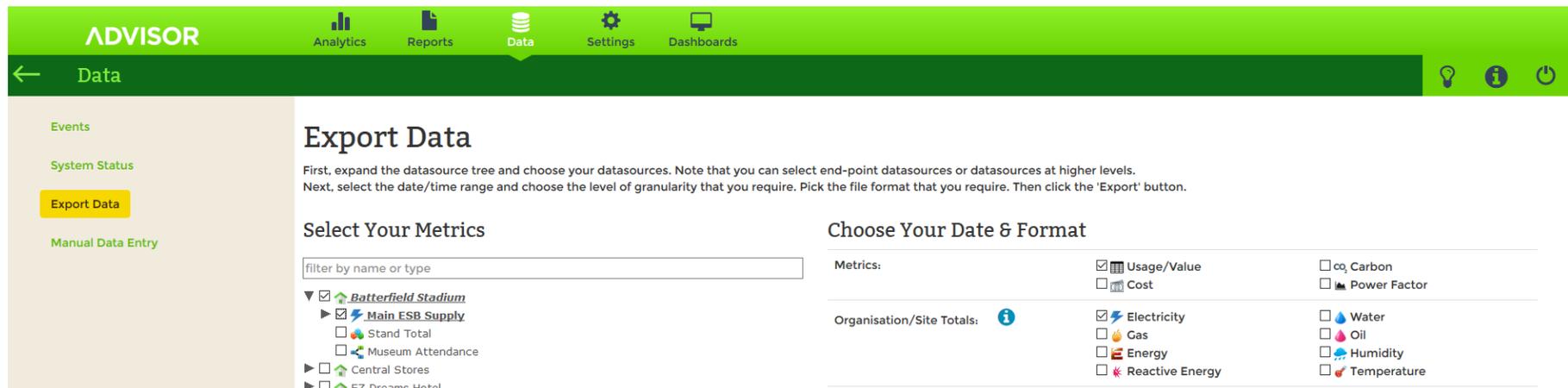
	Mon	Tue	Wed	Thu	Fri	Sat	Sun
40	30	01	02	03	04	05	06
41	07	08	09	10	11	12	13
42	14	15	16	17	18	19	20
43	21	22	23	24	25	26	27
44	28	29	30	31	01	02	03
45	04	05	06	07	08	09	10

Granularity: Fifteen Minutes

File Format:  Excel  CSV

Column Header:  Full Path Description  Short Description

Submit Cancel



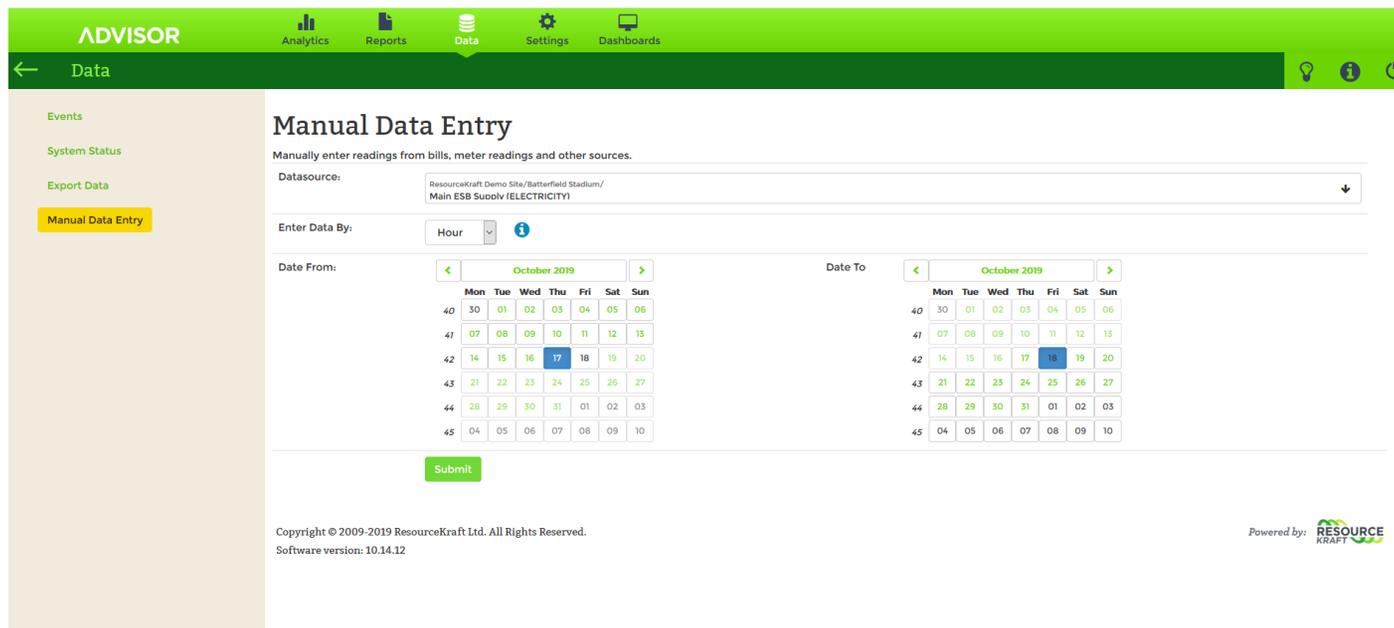
The screenshot shows the 'Export Data' page in the ADVISOR system. The top navigation bar includes 'Analytics', 'Reports', 'Data', 'Settings', and 'Dashboards'. The 'Data' section is active, showing a sidebar with 'Events', 'System Status', 'Export Data' (highlighted), and 'Manual Data Entry'. The main content area is titled 'Export Data' and contains instructions: 'First, expand the datasource tree and choose your datasources. Note that you can select end-point datasources or datasources at higher levels. Next, select the date/time range and choose the level of granularity that you require. Pick the file format that you require. Then click the 'Export' button.'

The 'Select Your Metrics' section has a search box 'filter by name or type' and a tree view under 'Batterfield Stadium' with 'Main ESB Supply' selected. The 'Choose Your Date & Format' section has two columns of checkboxes:

Metrics:	Organisation/Site Totals:
<input checked="" type="checkbox"/> Usage/Value	<input type="checkbox"/> Electricity
<input type="checkbox"/> Cost	<input type="checkbox"/> Gas
<input type="checkbox"/> CO <sub>2</sub> Carbon	<input type="checkbox"/> Energy
<input type="checkbox"/> Power Factor	<input type="checkbox"/> Reactive Energy
	<input type="checkbox"/> Water
	<input type="checkbox"/> Oil
	<input type="checkbox"/> Humidity
	<input type="checkbox"/> Temperature

## Manual Data Entry

- Manual Data Entry is the area used to enter data for datasources.
- This is normally used for external factors & KPI's.
- To enter data, select a site and a datasource.
- Select the granularity at which you want to enter the data.
- Select the dates you are entering data for and click on submit then enter your data and then click on save.
- There is a restriction on the amount of data you can enter at a time (1 month, 4 weeks, 28 days, or 24 hours).



The screenshot shows the 'Manual Data Entry' page in the ADVISOR system. The interface includes a navigation bar with 'Data' selected, a sidebar with 'Manual Data Entry' highlighted, and a main content area with the following elements:

- Manual Data Entry** title and subtitle: "Manually enter readings from bills, meter readings and other sources."
- Datasource:** A dropdown menu showing "ResourceKraft Demo Site/Batterfield Stadium/ Main ESB Subpool (ELECTRICITY)".
- Enter Data By:** A dropdown menu set to "Hour".
- Date From:** A calendar for October 2019 with the 17th selected.
- Date To:** A calendar for October 2019 with the 18th selected.
- Submit** button.

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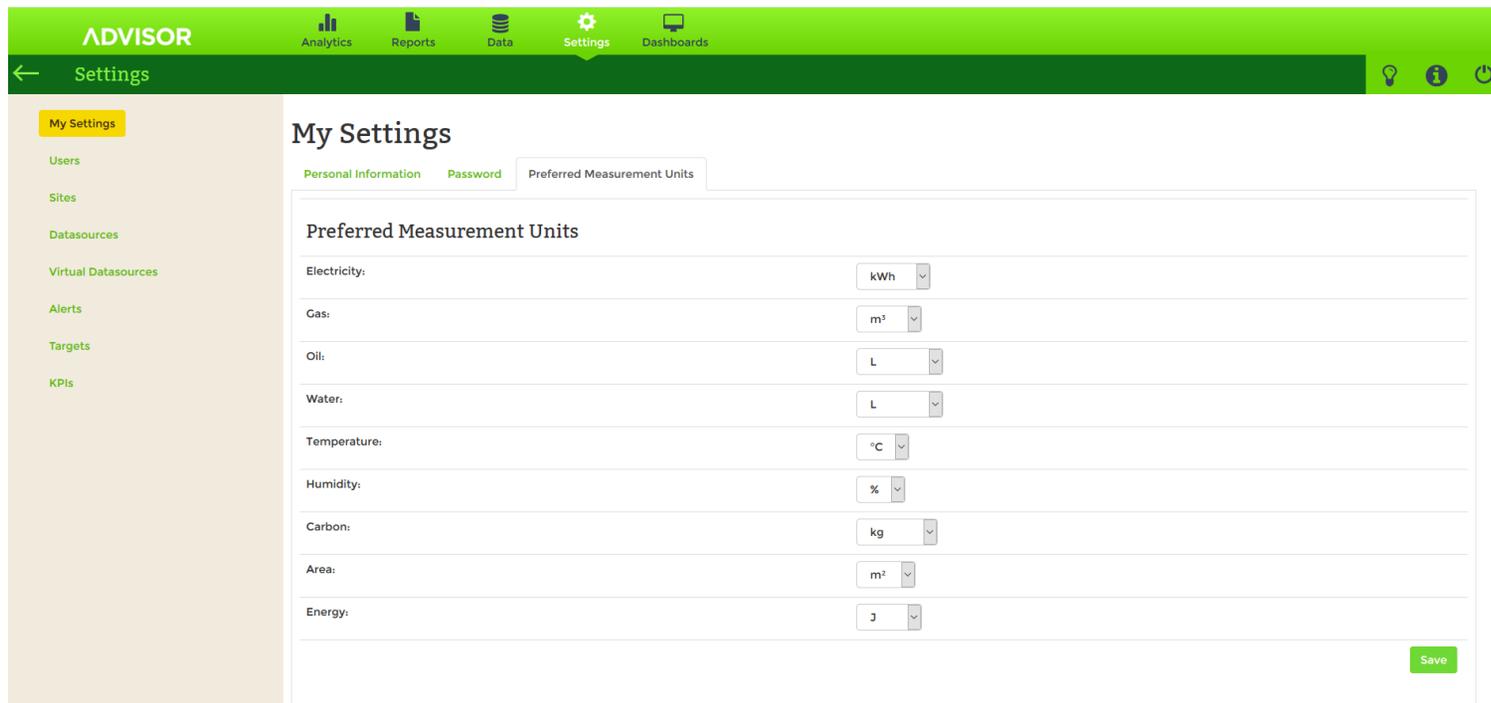
# Settings

Details about administration functions are found in this section.

## My Settings

In the My Settings tab you can:

- Edit your general settings
- Change your password
- Change your preferred measurement for each datasource type



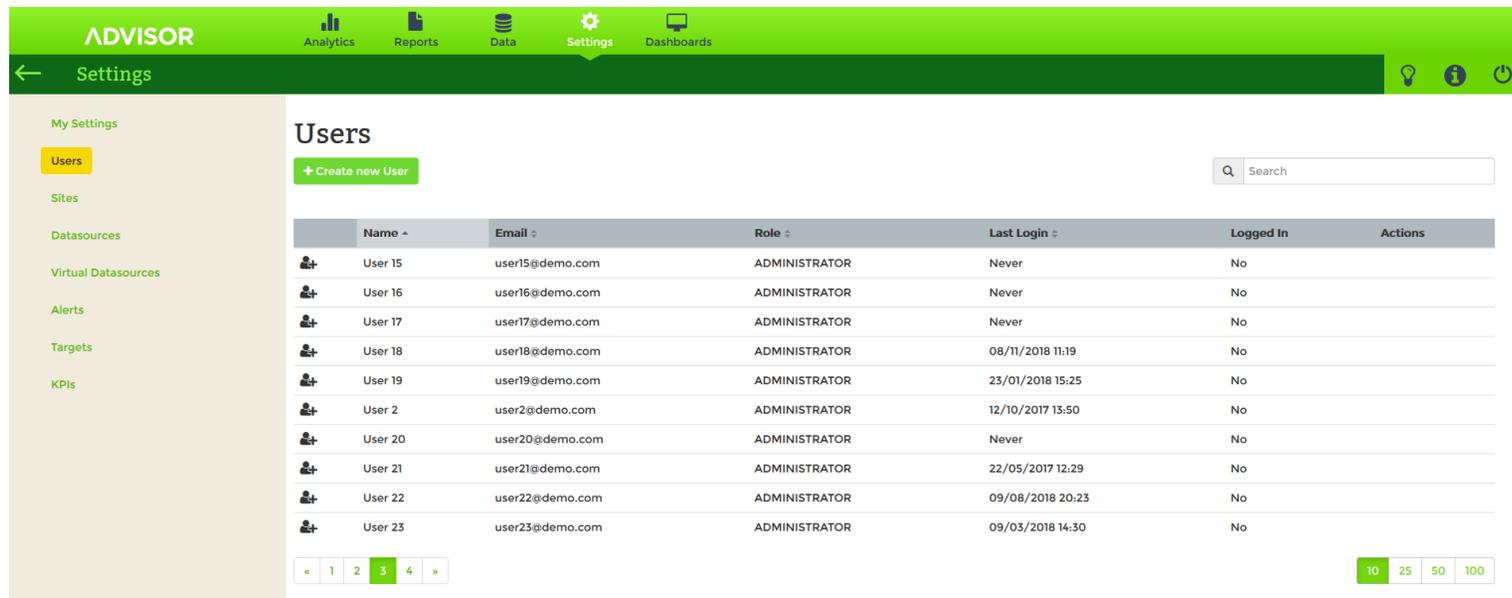
The screenshot shows the 'My Settings' page with the 'Preferred Measurement Units' tab selected. The page includes a navigation bar with 'Analytics', 'Reports', 'Data', 'Settings', and 'Dashboards'. A sidebar on the left lists various settings categories, with 'My Settings' highlighted. The main content area contains a table of measurement units for different categories, each with a dropdown menu.

Category	Preferred Measurement Unit
Electricity:	kWh
Gas:	m <sup>3</sup>
Oil:	L
Water:	L
Temperature:	°C
Humidity:	%
Carbon:	kg
Area:	m <sup>2</sup>
Energy:	J

A 'Save' button is located at the bottom right of the settings table.

## Users

- The Users Page is where you can view, add or edit users.
- To add a user, click on the Create New User button on the top of the screen.
- To edit an existing user, click on the green pencil beside the user's name
- To delete a user, click on the red x beside the user's name.
- Only the ResourceKraft Support team can edit another Administrators account. If you wish to change an Administrator account, please email us on [Support@ResourceKraft.com](mailto:Support@ResourceKraft.com)

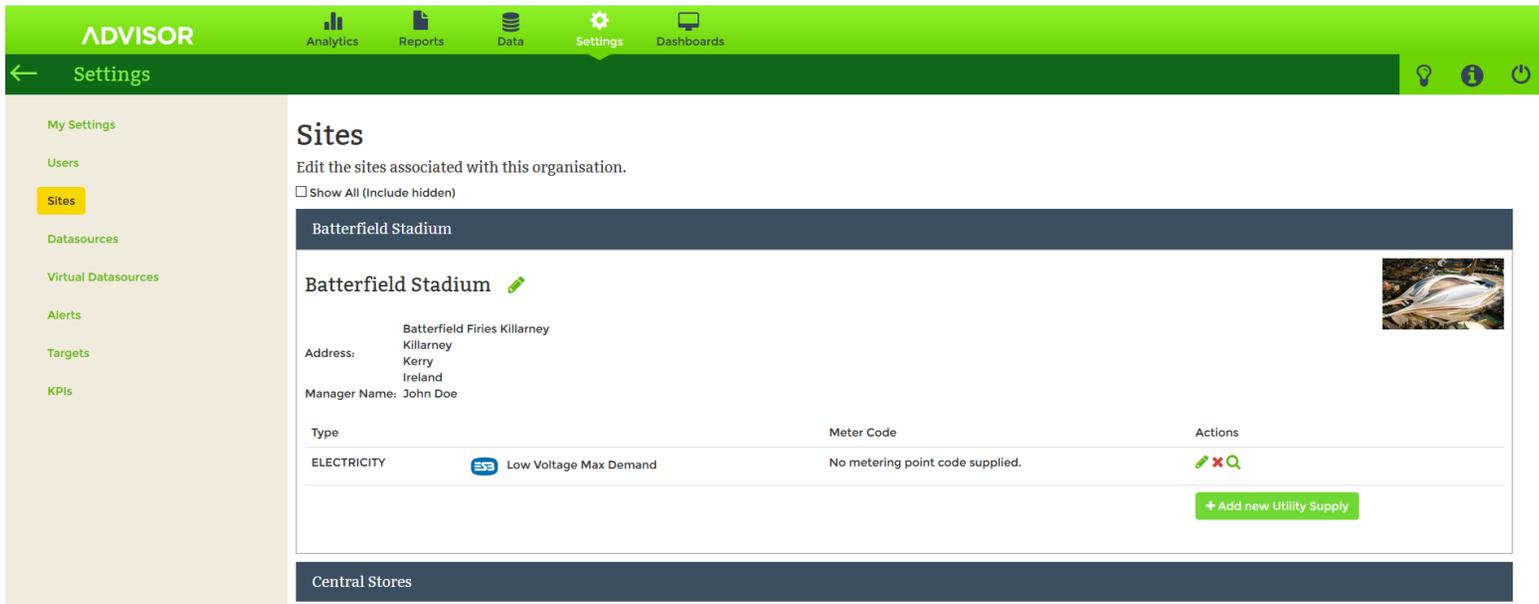


The screenshot shows the ADVISOR web interface. The top navigation bar includes 'Analytics', 'Reports', 'Data', 'Settings', and 'Dashboards'. The left sidebar lists 'My Settings' with sub-items: 'Users' (highlighted), 'Sites', 'Datasources', 'Virtual Datasources', 'Alerts', 'Targets', and 'KPIs'. The main content area is titled 'Users' and features a '+ Create new User' button and a search bar. Below is a table of users with columns for Name, Email, Role, Last Login, Logged In, and Actions.

Name	Email	Role	Last Login	Logged In	Actions
User 15	user15@demo.com	ADMINISTRATOR	Never	No	
User 16	user16@demo.com	ADMINISTRATOR	Never	No	
User 17	user17@demo.com	ADMINISTRATOR	Never	No	
User 18	user18@demo.com	ADMINISTRATOR	08/11/2018 11:19	No	
User 19	user19@demo.com	ADMINISTRATOR	23/01/2018 15:25	No	
User 2	user2@demo.com	ADMINISTRATOR	12/10/2017 13:50	No	
User 20	user20@demo.com	ADMINISTRATOR	Never	No	
User 21	user21@demo.com	ADMINISTRATOR	22/05/2017 12:29	No	
User 22	user22@demo.com	ADMINISTRATOR	09/08/2018 20:23	No	
User 23	user23@demo.com	ADMINISTRATOR	09/03/2018 14:30	No	

## Sites

- The Sites page provides general information about your sites.
- This information will be provided by Users.
- To view details for each of your sites, simply click on the site you are interested in.
- You can edit the site details by clicking on the green pencil beside the site name.
- Here you can set:
  - Site working hours
  - Site occupancy
  - Site address and other general information such as manager name



The screenshot shows the ADVISOR web interface. At the top is a green navigation bar with the ADVISOR logo and icons for Analytics, Reports, Data, Settings, and Dashboards. Below this is a dark green header with a back arrow, the word 'Settings', and utility icons (lightbulb, info, power). A left sidebar contains a menu with 'My Settings', 'Users', 'Sites' (highlighted in yellow), 'Datasources', 'Virtual Datasources', 'Alerts', 'Targets', and 'KPIs'. The main content area is titled 'Sites' and includes the instruction 'Edit the sites associated with this organisation.' and a checkbox for 'Show All (Include hidden)'. A card for 'Batterfield Stadium' is displayed, featuring a green pencil edit icon and a small image of a stadium. The card contains the following information:

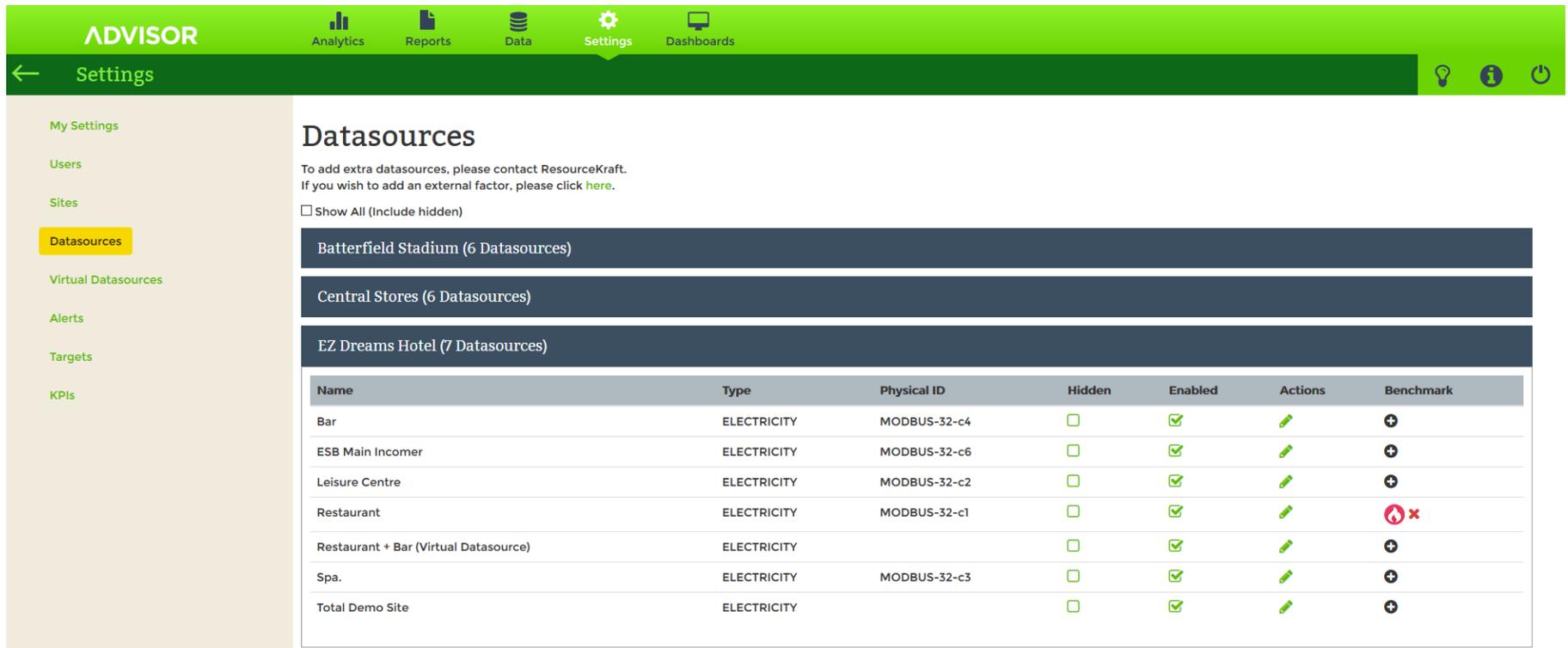
- Address: Batterfield Furies Killarney, Killarney, Kerry, Ireland
- Manager Name: John Doe

Type	Meter Code	Actions
ELECTRICITY  Low Voltage Max Demand	No metering point code supplied.	  

At the bottom of the card is a green button labeled '+ Add new Utility Supply'. Below the card is a dark blue bar with the text 'Central Stores'.

## Datasources

- To view the Datasources select the site you are interested in and they will appear in the drop down.
- You can see if a datasource is enabled/disabled by the green tick box above. If you wish to enable/disable a datasource please contact [Support@ResourceKraft.com](mailto:Support@ResourceKraft.com).
- You can edit a datasource if you wish to add in a description or change the name by clicking on the green pencil.



**ADVISOR** Analytics Reports Data Settings Dashboards

Settings

My Settings  
Users  
Sites  
**Datasources**  
Virtual Datasources  
Alerts  
Targets  
KPIs

### Datasources

To add extra datasources, please contact ResourceKraft.  
If you wish to add an external factor, please click [here](#).

Show All (Include hidden)

Batterfield Stadium (6 Datasources)

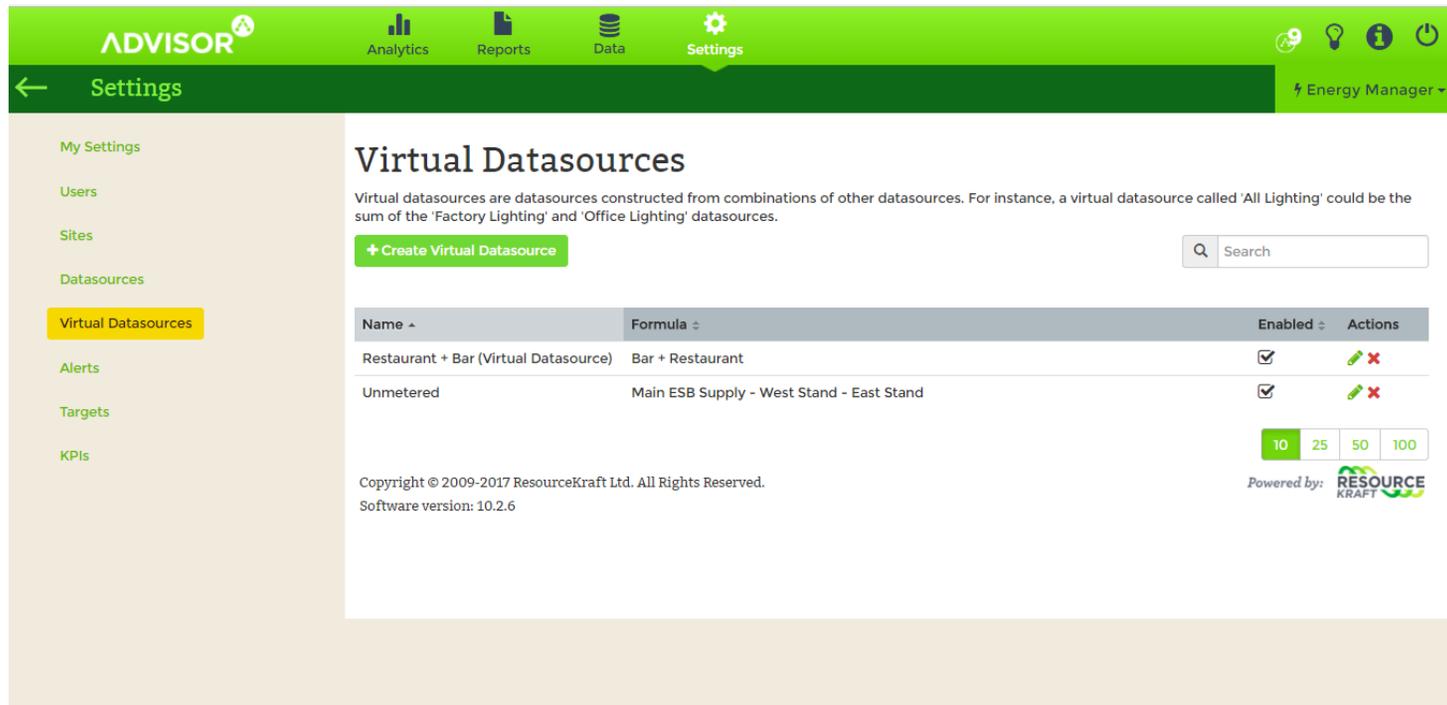
Central Stores (6 Datasources)

EZ Dreams Hotel (7 Datasources)

Name	Type	Physical ID	Hidden	Enabled	Actions	Benchmark
Bar	ELECTRICITY	MODBUS-32-c4	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
ESB Main Incomer	ELECTRICITY	MODBUS-32-c6	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Leisure Centre	ELECTRICITY	MODBUS-32-c2	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Restaurant	ELECTRICITY	MODBUS-32-c1	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Restaurant + Bar (Virtual Datasource)	ELECTRICITY		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Spa.	ELECTRICITY	MODBUS-32-c3	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Total Demo Site	ELECTRICITY		<input type="checkbox"/>	<input checked="" type="checkbox"/>		

## Virtual Datasources

- A Virtual Datasource is the equivalent of several real datasources grouped together to form one datasource.
- Virtual Datasources usually exist because there is a commonality between the datasources e.g. All the electrical datasources in Building 'A' are added together to create a Virtual Datasource called "Building 'A' Electrical Total".
- On this page Virtual Datasources can be created, enabled, disabled, edited or deleted using the icons.



The screenshot shows the ADVISOR Energy Manager interface. The top navigation bar includes 'Analytics', 'Reports', 'Data', and 'Settings'. The left sidebar lists various settings categories, with 'Virtual Datasources' highlighted. The main content area is titled 'Virtual Datasources' and includes a description, a '+ Create Virtual Datasource' button, and a search bar. Below is a table listing existing virtual datasources.

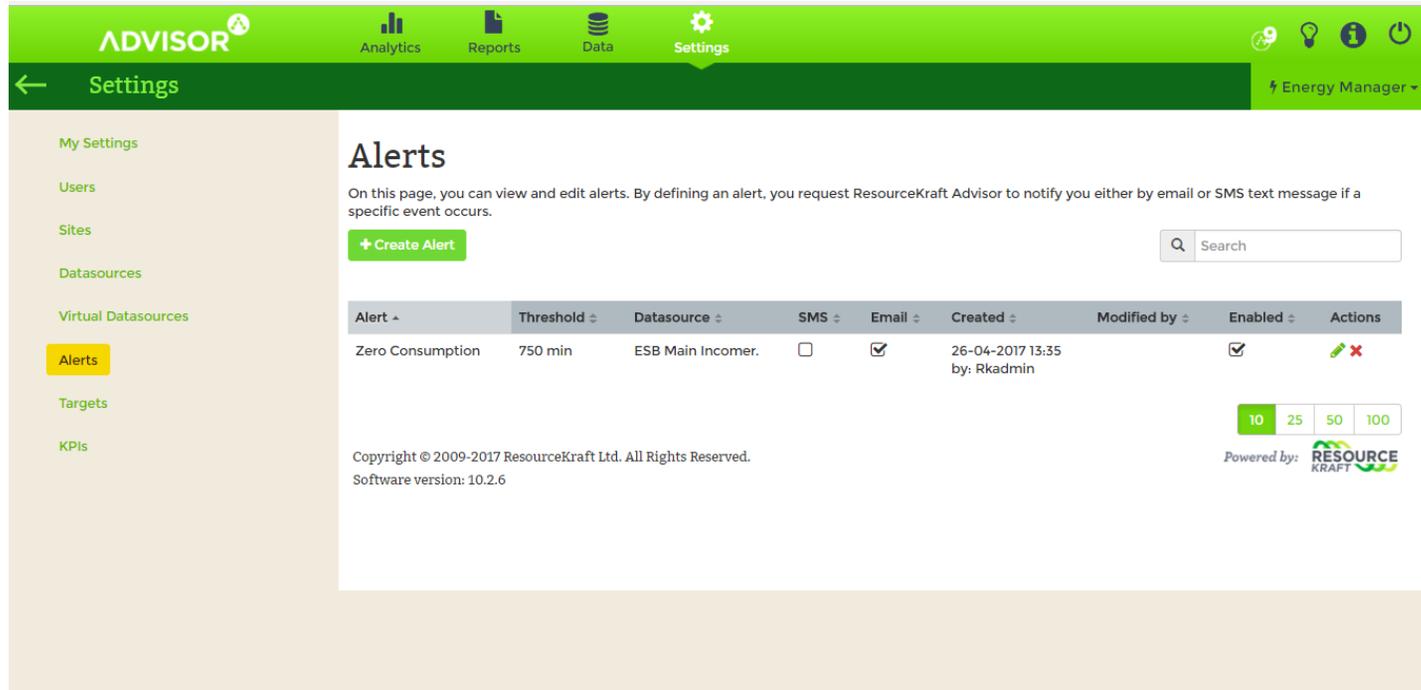
Name	Formula	Enabled	Actions
Restaurant + Bar (Virtual Datasource)	Bar + Restaurant	<input checked="" type="checkbox"/>	 
Unmetered	Main ESB Supply - West Stand - East Stand	<input checked="" type="checkbox"/>	 

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## Alerts

- The Alerts page is used to create, enable, disable, edit and delete Alerts.
- When creating an Alert click on Create Alert and follow the on-screen steps.
- For assistance in setting up Alerts, please contact the ResourceKraft Support Team on [Support@ResourceKraft.com](mailto:Support@ResourceKraft.com).



**Alerts**

On this page, you can view and edit alerts. By defining an alert, you request ResourceKraft Advisor to notify you either by email or SMS text message if a specific event occurs.

[+ Create Alert](#)

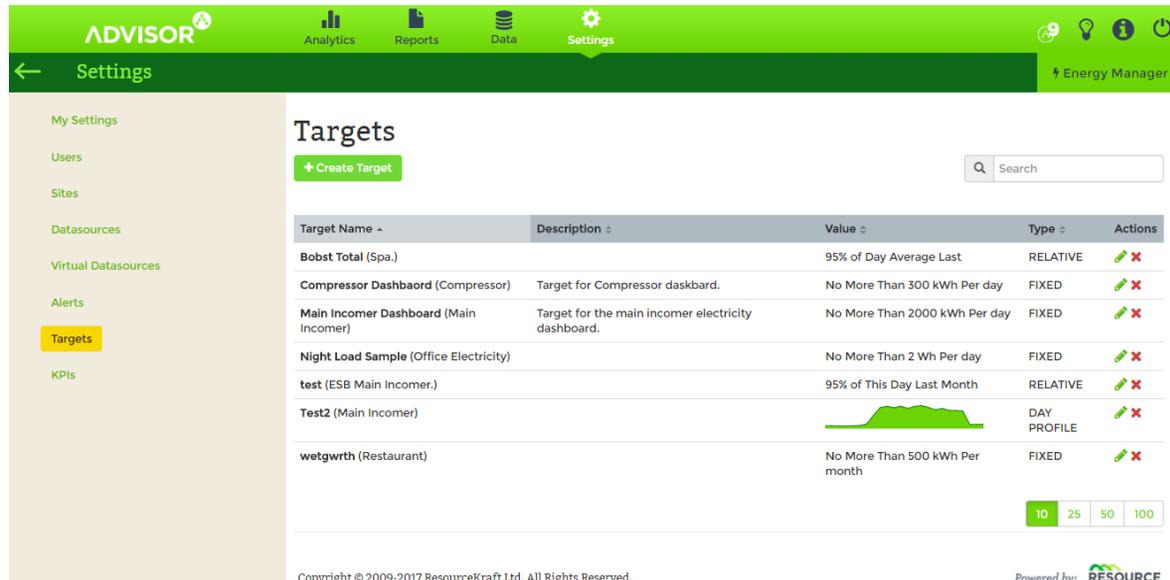
Alert	Threshold	Datasource	SMS	Email	Created	Modified by	Enabled	Actions
Zero Consumption	750 min	ESB Main Incomer.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	26-04-2017 13:35 by: Rkadmin		<input checked="" type="checkbox"/>	

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## Targets

- The Targets page is used to create, edit or delete targets.
- For assistance in setting up Targets, please contact the ResourceKraft Support Team on: [Support@ResourceKraft.com](mailto:Support@ResourceKraft.com).



The screenshot shows the 'Targets' page in the ADVISOR interface. The page has a green header with navigation icons for Analytics, Reports, Data, and Settings. A sidebar on the left lists various settings categories, with 'Targets' highlighted in yellow. The main content area features a 'Targets' title, a '+ Create Target' button, and a search bar. Below is a table listing several targets with their names, descriptions, values, types, and actions.

Target Name	Description	Value	Type	Actions
Bobst Total (Spa.)		95% of Day Average Last	RELATIVE	
Compressor Dashboard (Compressor)	Target for Compressor dashboard.	No More Than 300 kWh Per day	FIXED	
Main Incomer Dashboard (Main Incomer)	Target for the main incomer electricity dashboard.	No More Than 2000 kWh Per day	FIXED	
Night Load Sample (Office Electricity)		No More Than 2 Wh Per day	FIXED	
test (ESB Main Incomer.)		95% of This Day Last Month	RELATIVE	
Test2 (Main Incomer)			DAY PROFILE	
wetgwrth (Restaurant)		No More Than 500 kWh Per month	FIXED	

At the bottom of the table, there are pagination controls for 10, 25, 50, and 100 items. The footer includes the copyright notice 'Copyright © 2009-2017 ResourceKraft Ltd. All Rights Reserved.' and the 'Powered by: RESOURCE' logo.

### KPI's

- A Key Performance Indicator (KPI) is a quantifiable measure used to evaluate the success of an organization, employee, etc. in meeting objectives for performance.
- In Advisor, KPI is a factor measured against the electricity main incomer.

**Settings**

**KPIs**

Create a new KPI. Key Performance Indicators (KPIs) are values used to track performance against business objectives. KPIs measure the improvement or deterioration in the performance of an activity critical to the success of a business e.g. electricity per units sold can be used to track the energy efficiency of your organisation against products sold. Other examples of useful KPIs are energy cost per food serving, energy cost per employee.

[+ New KPI](#)

KPI -	Actions
Cost/tonne	
Electricity per kg DMR	
Energy cost per Tonne	
kWh/tonne	
test	
test 1	
Units Produced	

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### Creating a KPI

- To create a new KPI click on Create KPI button. The page opposite will appear.
- Click on “Create External Factor” to set up an External Factor – e.g. Units produced.
- This will need to be updated manually as detailed in the Manual Data Entry section.



Create a KPI    Create External Factor    Create Custom Site Attribute

**Create a KPI**

Name:  Name is required

Description:

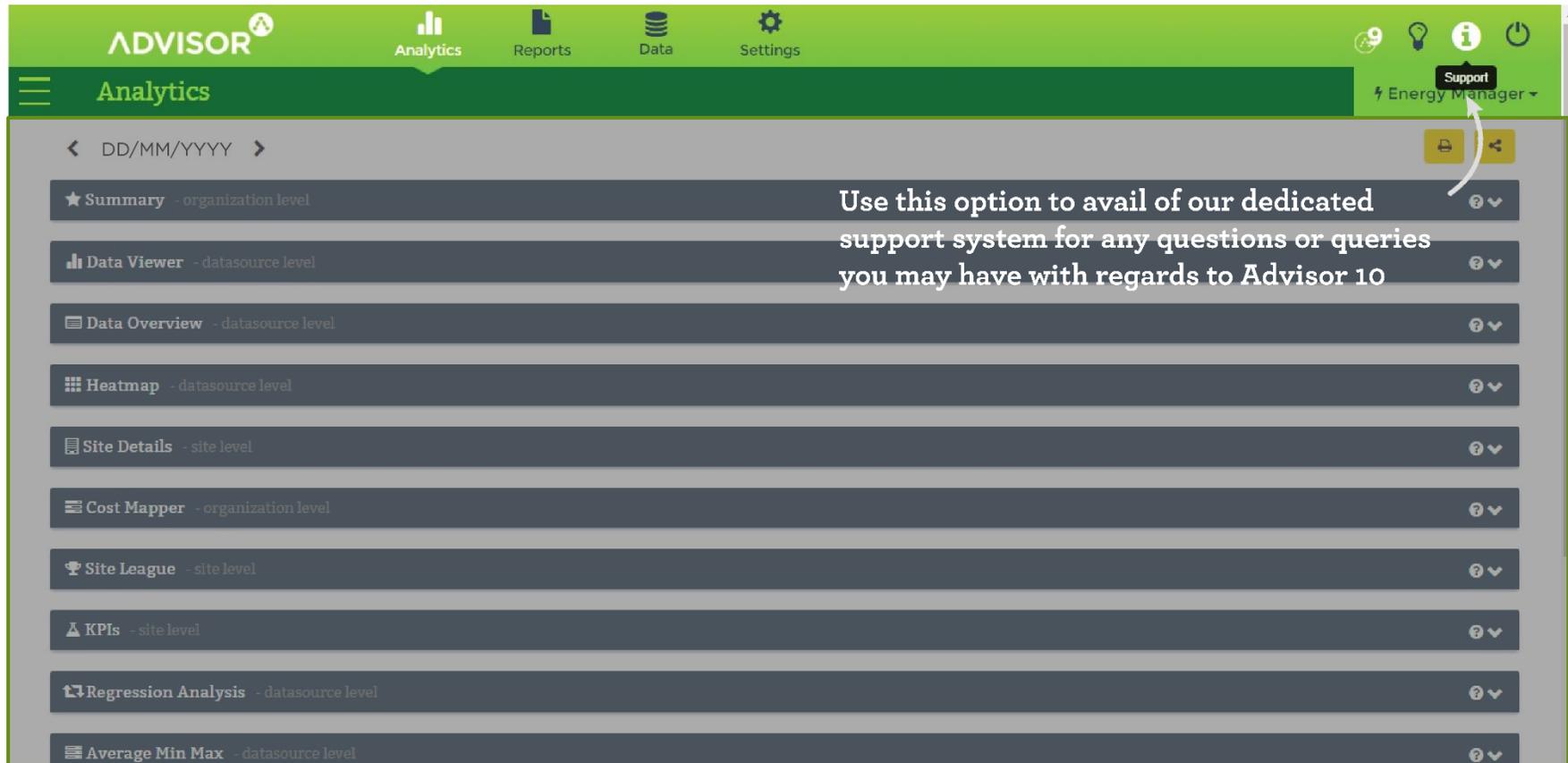
Defin    Dividend:  per    Divisor:  Site Attribute

Multiplier:

Inverse:

## Ongoing Support

There is an Information button on the top right of the screen which allows you to reach out to our Customer Experience Team with any questions of queries you may have, and they are always more than happy to help in any way they can.



Should you have any queries about any of the information contained within this document, please do not hesitate to contact our Support Team on:

Tel: +353 (0)1 905 2999 | Email: [Support@ResourceKraft.com](mailto:Support@ResourceKraft.com)