



عين القدرة
ENERGY EYE

EnergyEye

Software User Manual

V0.9.0

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1. Introduction

This manual provides instructions on how to use EnergyEye.

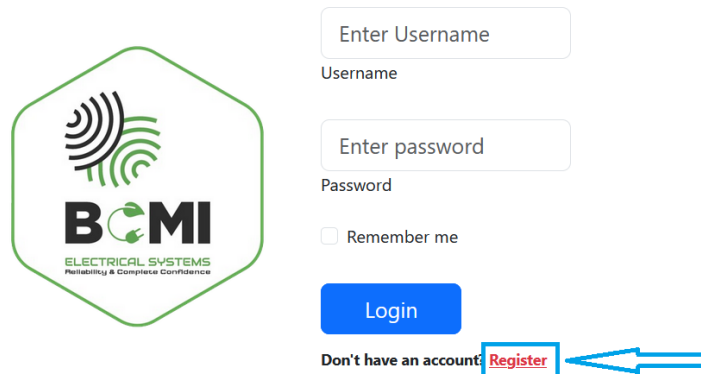
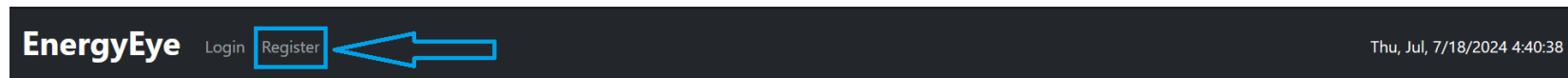
It is designed primarily for users with **administrator** access. Users with different access levels may encounter variations in the interface and functionality.

2. Sign-up and Login

2.1 Sign-up

As a new user, you need to register to be able to use the program.

You can register in two ways: by clicking the register button at the top-left corner of the screen, or by clicking the red highlighted text.



Upon clicking the register button you will be directed to the register page

EnergyEye [Login](#) [Register](#) Mon, Jul, 7/15/2024 17:58:10

Register

User Name

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

First Name

Last Name

Email Address

Password

Your password can't be too similar to your other personal information.

Confirm Password

Enter the same password as before, for verification.

Register

Fields are as follows: -

1. Username:

Enter username that will be displayed on the website

!!! Maximum 150 characters, Letters, digits and @/./+/-/_ only.

2. First Name: User first name

3. Last Name: User Last Name

4. Email Address: User Email Address

5. Password: Note that password must contain the following criteria:

- A password can't be too like the user's other personal information.
- A password must contain at least 8 characters.
- A password can't be a commonly used password.

- A password can't be entirely numeric.

6. Confirm Password:

Re-enter the password for verification

Once all the fields are filled, proceed by pressing the Register button. If any issue occurs during the registration process, a warning message will be displayed indicating the error.

Example:

Your Form Has Errors

The two password fields didn't match.

×

Davy

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

Davy

Marston

Davy@Marston.com

If everything is correct you will be directed to the main page.

[Note All newly created users have default base privileges. If a user wants to elevate their privileges, they must contact an administrator.](#)

2.2 Login

By default, after registering, you will be directed to the main page. If you log out, you can log back in using your default credentials on the login page. Simply enter your Username and Password.

3. Main Page

The screenshot shows the EnergyEye main page. At the top is a dark blue header bar. On the left of this bar is the 'EnergyEye' logo, followed by the user 'admin' and a 'Logout' link. On the right is the word 'Navbar' in blue, and further right, '5 Alarms' with a bell icon and the date/time 'Thu, Jul, 7/18/2024 5:01:25'. Below the header is a dark blue sidebar on the left containing a list of menu items: Dashboard, Devices, Register Addresses, Data logs, Alarms, Reports, Diagrams, and Historical Data. At the bottom of the sidebar is the 'Side Bar' label and the BCMI logo. The main content area is white and contains three white cards. The first card is titled 'Devices' and shows '#1 Generator 1', 'Enabeld', and 'Online' in green. The second card is titled 'Alarms' and shows 'Triggred Alarms 5', '#1 Generator 1', 'L1 Current', and 'Trigger time: 2024-06-10 21:44:48'. The third card is titled 'Reports' and shows 'Devices Num :3', '05:30 SAT', and 'Enabeld'. Below these cards, the text 'Content Area' is written in red.

The main page is the landing page for users, it consists of 3 parts

- 1- Navbar
- 2- Sidebar
- 3- Content area

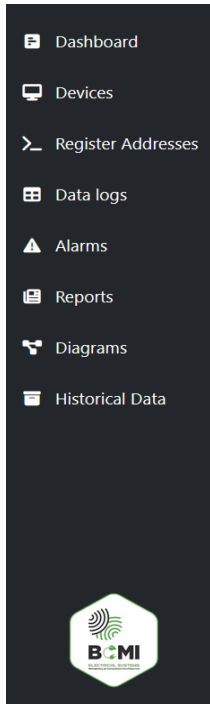
3.1 Navbar items:

The screenshot shows the top part of the EnergyEye interface, specifically the navbar. It has a dark blue background. On the left is the 'EnergyEye' logo, followed by the user 'Davy' and a 'Logout' link. On the right is '5 Alarms' with a bell icon and the date/time 'Mon, Jul, 7/15/2024 19:55:42'.

- Application name `EnergyEye`, (when clicked you will be redirected to the main page)
- Profile information, (when clicked you will be redirected to the user info page)

- Logout, (when clicked you will be logged out)
- Alarms which is an indication of the triggered alarms, (when clicked you will be redirected to the alarms page)
- Date

3.2 Sidebar items:



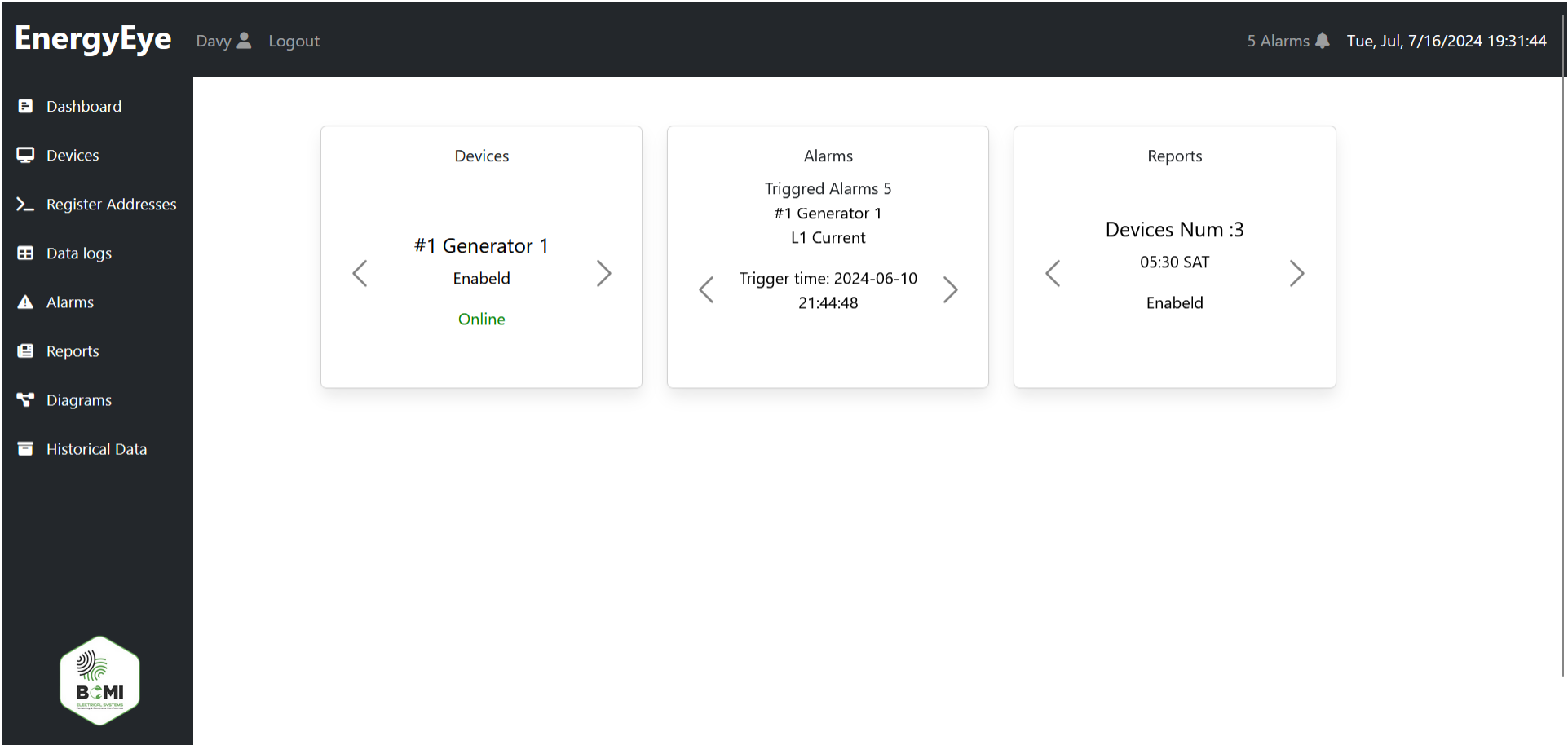
- Dashboard: (Main page)
- Devices: User can view, register, edit and delete devices
- Register Addresses: User can view, add, edit and delete devices registers
- Data Logs: User can view and download saved data
- Alarms: User can view, add, edit, reset and delete alarms
- Reports: User can view, add, edit and delete reports
- Diagrams: User can view devices in a hierarchy way, also provides live-data monitoring
- Historical data: User can access historical saved data

This is only a short brief, but each section will be explained in more detail.

3.3 Content area:

The content area is the space where each section's content is displayed in.

4. Dashboard (Main Page)



Starting from the main page, the dashboard is simple and straightforward. It features a layout displaying available devices, alarms, and reports.

- **Devices Tab:** This tab shows the activation function, status, and name of each device.
- **Alarms Tab:** This tab displays the total number of triggered alarms and the time of the trigger.
- **Reports Tab:** Like the previous tabs, this section allows you to view and manage report options.

Clicking on any card will forward you to the designated tab.

5. Devices

In devices, you can view, add, edit, and delete devices.

5.1 Add device

To add a device, click on the plus sign at the top-left corner

EnergyEye

DavyLogout

5 AlarmsTue, Jul, 7/16/2024 20:19:02

Dashboard

Devices

Register Addresses

Data logs

Alarms

Reports

Diagrams

Historical Data

Devices

ID	Device Name	Device Group	Connection Type	Activation	Manufacturer	Device Status	Settings	#
1	#1 Generator 1	Group A	TCP : 503	Enabeld	EnergyEye	Online	Configure Device	Delete Device
2	#2 Generator 2	Group A	TCP : 503	Enabeld	EnergyEye	Online	Configure Device	Delete Device
3	#3 Generator 3	Group A	TCP : 503	Enabeld	EnergyEye	Online	Configure Device	Delete Device
4	#4 Generator 4	Group A	TCP : 503	Enabeld	EnergyEye	Online	Configure Device	Delete Device
5	#5 Generator 5	Group A	TCP : 503	Enabeld	EnergyEye	Online	Configure Device	Delete Device
6	#6 Generator 6	Group A	TCP : 503	Enabeld	EnergyEye	Online	Configure Device	Delete Device
7	#7 Main Generator	Group A	TCP : 503	Enabeld	EnergyEye	Online	Configure Device	Delete Device
8	21# Granit-MDP	Group B	TCP : 505	Enabeld	EnergyEye	Online	Configure Device	Delete Device
9	22# Special Manufacturing	Group B	TCP : 505	Enabeld	EnergyEye	Online	Configure Device	Delete Device
10	23# Ventilation Panel	Group B	TCP : 505	Enabeld	EnergyEye	Online	Configure Device	Delete Device

Add Device

Device Name

TCP

Ip Address

Port--> 'COM3' or '503'

Enabel

Manufacturar

Group A

Add Device

Discover COM Ports

Discover IP

Add Device

Device Name

RTU

Port--> 'COM3' or '503'

1

8

None

9600

1

Enabel

Manufacturar

Group A

Add Device

Discover COM Ports

Discover IP

1. Device Name: Enter device name
2. Connection Type: The application supports two connection types, either TCP or RTU.
 - a. Fields When TCP is selected:
 - i. Ip address: Enter device Ip address
 - b. Fields When RTU is selected (stop bit, byte size, parity, baud rate, timeout)
 - i. Stop bit: Enter the device stop bit
 - ii. Byte size: Enter device byte size
 - iii. Parity: select device parity from the drop-down list
 - iv. Baud rate: select baud rate from the drop-down list
 - v. Timeout: Enter device timeout
3. Activation function: A device can be simply enabled and disabled from the activation function
4. Manufacturer: Enter the manufacturer name
5. Group: Assign device to a group

When a device is added, you will be redirected to the devices tab, where the newly added device will be displayed.

18	UserManual	Group F	TCP : 505	Enabeld	EnergyEye	Offline	Configure Device	Delete Device
----	------------	---------	-----------	---------	-----------	---------	------------------	---------------

Note it might take up to 1 minute for a device status to be updated.

There are also two futures when adding devices which are discover COM ports for RTU connections and discover IP addresses for TCP connections.

- Discover COM ports: will simply display all the available COM ports (Does not require a redirect).
- Discover IP: will redirect the user to new page called IP Scanning

Scan

NOTE IP scanning is very case sensitive so make sure to enter variables correctly

5.2 Update device

Updating a device is very similar to adding a device, to update a device simply press the Configure Device button.

The same inputs are going to be displayed similar to adding a device, you can simply proceed by updating the fields.

5.3 Delete device

You can delete a device by pressing the red **Delete Device** button, when the delete device button is pressed, a warning pop-up will be displayed for confirmation.

!!!Warning, deleting a device will also delete all related data to that device such as Registers, Alarms, Data logs, ...etc. So be very careful when deleting a device

6. Register Addresses

EnergyEye

Davy Logout

5 Alarms Tue, Jul, 7/16/2024 20:20:29

Dashboard

Devices

Register Addresses

Data logs

Alarms

Reports

Diagrams

Historical Data

Registers

ID	Device Name	Connection Type	Port Configuration	Signal	Manufacturer	Settings
1	#1 Generator 1	TCP	503	Enabeld	EnergyEye	Configure Addresses
2	#2 Generator 2	TCP	503	Enabeld	EnergyEye	Configure Addresses
3	#3 Generator 3	TCP	503	Enabeld	EnergyEye	Configure Addresses
4	#4 Generator 4	TCP	503	Enabeld	EnergyEye	Configure Addresses
5	#5 Generator 5	TCP	503	Enabeld	EnergyEye	Configure Addresses
6	#6 Generator 6	TCP	503	Enabeld	EnergyEye	Configure Addresses
7	#7 Main Generator	TCP	503	Enabeld	EnergyEye	Configure Addresses
8	21# Granit-MDP	TCP	505	Enabeld	EnergyEye	Configure Addresses
9	22# Special Manufacturing	TCP	505	Enabeld	EnergyEye	Configure Addresses











6.1 Adding Registers

You can begin registering addresses from the Register Address tab. On the Registers page, you'll find a list of all registered devices. To start registering addresses, simply click the Configure Addresses button, which will take you to the adding page.



Device: #5 Generator 5

Add Register

#	Name	Register Address	Num Of Registers	Division Factor	Polling Interval	#	#
1	L1 Phase Voltage	272	2	100	15 Seconds		
2	L2 Phase Voltage	274	2	100	15 Seconds		
3	L3 Phase Voltage	276	2	100	15 Seconds		
4	L1 Current	278	2	10000	15 Seconds		
5	L2 Current	280	2	10000	15 Seconds		

Registers Fields:

- Name: Enter Register name
- Register Address: Enter the register address
- Number of Registers: Enter the size of the register every 1 byte = 8 bits.
- Division Factor: Enter the amount of division that will be applied to the value of the register
- Polling interval: Select the cooldown time that the data will be pulled from the device

More clarification in terms of adding registers:

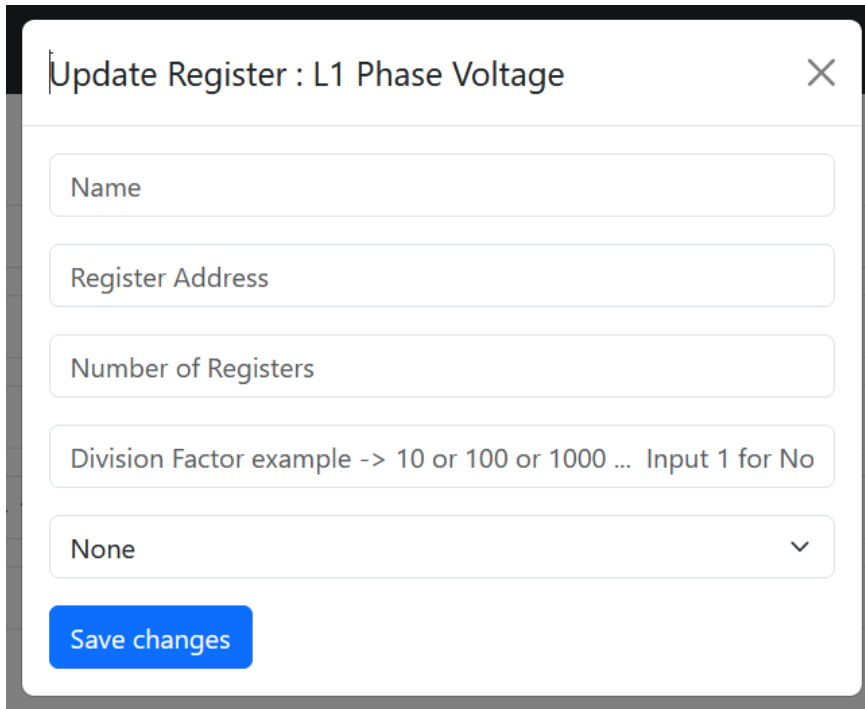
1. Register address is decimal based (0-9), so please make sure to convert to that

2. In the number of registers, it moves by bytes, which means every 1 byte = 8 bits, for example when typed 2 in number of registers that means 2 bytes or 16 bits

Registers	Number of registers
Decimal	Bytes

6.2 Updating Registers

You can update registers at any time by clicking the pencil icon next to any register. When you click the pencil, a pop-up window will appear.



Update Register : L1 Phase Voltage

Name

Register Address

Number of Registers

Division Factor example -> 10 or 100 or 1000 ... Input 1 for No

None

Save changes

6.3 Deleting registers

You can delete a register by clicking the red X button

!!!Warning all the fields are very case sensitive so make sure to enter them correctly.

!!!Warning, deleting, adding or updating a register will delete the data-logs for that device, and start from the beginning.

7. Data Logs

The data logs page provides a nice visualization of the registered devices

EnergyEye

Davy Logout

5 Alarms Tue, Jul, 7/16/2024 23:49:55

Dashboard

Devices

Register Addresses

Data logs

Alarms

Reports

Diagrams

Historical Data

Data Logs

#1 Generator 1
connection type: TCP : 503
Activation: Enabeld
Device Signal: Online
Manufacturer: EnergyEye
Data logs

#2 Generator 2
connection type: TCP : 503
Activation: Enabeld
Device Signal: Online
Manufacturer: EnergyEye
Data logs

#3 Generator 3
connection type: TCP : 503
Activation: Enabeld
Device Signal: Online
Manufacturer: EnergyEye
Data logs

#4 Generator 4
connection type: TCP : 503
Activation: Enabeld
Device Signal: Online
Manufacturer: EnergyEye
Data logs

#5 Generator 5
connection type: TCP : 503
Activation: Enabeld
Device Signal: Online
Manufacturer: EnergyEye
Data logs









#6 Generator 6
connection type: TCP : 503
Activation: Enabeld
Device Signal: Online
Manufacturer: EnergyEye
Data logs

#7 Main Generator
connection type: TCP : 503
Activation: Enabeld
Device Signal: Online
Manufacturer: EnergyEye
Data logs

21# Granit-MDP
connection type: TCP : 505
Activation: Enabeld
Device Signal: Online
Manufacturer: EnergyEye
Data logs

All the registered devices will be displayed in a note card style, you can view any device by clicking on the card.

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-  Dashboard
-  Devices
-  Register Addresses
-  Data logs
-  Alarms
-  Reports
-  Diagrams
-  Historical Data



Device: 23# Ventilation Panel

15 Seconds Interval Table

Nothing selected

Time Stamp	L3 Current	L2 Current	L1 Current	L3 Phase Voltage	L2 Phase Voltage	L1 Phase Voltage
2024 Jul 01 1:27 p.m.	56.328	57.76	55.016	228.39	230.45	228.88
2024 Jul 01 1:27 p.m.	56.168	57.56	54.84	228.42	230.43	228.87
2024 Jul 01 1:27 p.m.	56.168	57.56	54.84	228.42	230.43	228.87
2024 Jul 01 1:27 p.m.	56.016	57.496	54.792	228.05	230.07	228.55
2024 Jul 01 1:26 p.m.	56.016	57.496	54.792	228.05	230.07	228.55
2024 Jul 01 1:26 p.m.	56.28	57.744	55.176	228.24	230.07	228.65

Export CSV

30 Seconds Interval Table

Nothing selected

Only a fraction of the data will be displayed in the data logs table. To obtain all the data, simply click the Export CSV button.

8. Alarms

In the alarms page, you can view, configure, reset, and delete alarms

EnergyEye

Davy Logout

5 Alarms Wed, Jul, 7/17/2024 0:06:53

Dashboard

Devices

Register Addresses

Data logs

Alarms

Reports

Diagrams

Historical Data

Alarms

ID	Device	Measure	Description	Min	Max	Activation	Status	Triggered	Settings	#	#
1	#1 Generator 1	L1 Current	Generator 1 Current Check	150	250	Notification	Enabeld	Yes	<div>Reset Alarm</div>	<div>Configure Alarm</div>	<div>Delete Alarm</div>
2	21# Granit-MDP	Eqv. Phase Voltage	Granit-MDP Eqv. Phase Coltage Alert	500	700	Notification	Enabeld	Yes	<div>Reset Alarm</div>	<div>Configure Alarm</div>	<div>Delete Alarm</div>
3	#11 MDP Production	Current Asymmetry	Current Asymmetry Check	1000	1500	Email	Enabeld	Yes	<div>Reset Alarm</div>	<div>Configure Alarm</div>	<div>Delete Alarm</div>
4	#27 AC Package unit Panel	Total imp. Active Energy	Sales Air conditioning Units Costs	0	0	Email	Enabeld	Yes	<div>Reset Alarm</div>	<div>Configure Alarm</div>	<div>Delete Alarm</div>
5	#25 Decoration	Total imp. Active Energy	Sanding Tools and Equipments Power Drainage	150	250	Notification	Enabeld	Yes	<div>Reset Alarm</div>	<div>Configure Alarm</div>	<div>Delete Alarm</div>

8.1 Create Alarm

Alarms can be created by clicking the white plus button in the top left corner. Clicking this button will redirect you to a page where devices are displayed in a note card pattern.



Alarms

#1 Generator 1

connection type: TCP

Activation: Enabeld

Device Signal: **Online**

Manufacturer: EnergyEye

Add Alarm

#2 Generator 2

connection type: TCP

Activation: Enabeld

Device Signal: **Online**

Manufacturer: EnergyEye

Add Alarm

#3 Generator 3

connection type: TCP

Activation: Enabeld

Device Signal: **Online**

Manufacturer: EnergyEye

Add Alarm

#4 Generator 4

connection type: TCP

Activation: Enabeld

Device Signal: **Online**

Manufacturer: EnergyEye

Add Alarm

#5 Generator 5

connection type: TCP

Activation: Enabeld

Device Signal: **Online**

Manufacturer: EnergyEye

Add Alarm

#6 Generator 6

connection type: TCP

Activation: Enabeld

Device Signal: **Online**

Manufacturer: EnergyEye

Add Alarm

#7 Main Generator

connection type: TCP

Activation: Enabeld

Device Signal: **Online**

Manufacturer: EnergyEye

Add Alarm

21# Granit-MDP

connection type: TCP

Activation: Enabeld

Device Signal: **Online**

Manufacturer: EnergyEye

Add Alarm

Clicking on the device requiring an alarm will redirect you to a new page where you can enter the alarm settings.

The screenshot shows the 'Add Alarm' page in the EnergyEye application. The sidebar on the left contains the following links: Dashboard, Devices, Register Addresses, Data logs, Alarms, Reports, Diagrams, and Historical Data. The top header displays the user 'Davy' and a 'Logout' button. The main content area has a title 'Add Alarm' and the following fields:

- Device Name: #3 Generator 3
- Measure: L1 phase
- Alarm Description: (empty text field)
- Minimum Value: (dropdown menu)
- Maximum Value: (dropdown menu)
- Notification: (dropdown menu)
- Email: (checkbox)
- Create Alarm: (blue button)

Alarm setting fields:

1. Device name: This field indicates the device name
2. Measure: A dropdown menu where you can select the desired measure to be monitored
3. Alarm Description: Type down the alarm description
4. Minimum Value: Enter that minimum value the measure can reach before triggering the alarm
5. Maximum Value: Enter that maximum value the measure can reach before triggering the alarm
6. Notification type: There are two notification types
 - Notification: which simply create a notification alarm at the top corner of the screen
 - Email: sends an email to the master email and the typed email

- 7. Activation: You can enable or disable the alarm using the activation function
- 8. Email: type the email you want to receive notifications on

When adding an alarm, you will be redirected to the main alarm page once again.

!!!Take in mind that the division factor in register addition takes a place in terms of minimum and maximum values

8.2 Update Alarm

If you want to update an alarm, click on the Configure Alarm button next to the alarm itself.

2	21# Granit-MDP	Eqv. Phase Voltage	Granit-MDP Eqv. Phase	150	300	Notification	Enabeld	Yes				
---	----------------	--------------------	-----------------------	-----	-----	--------------	---------	-----	---	---	---	---

It will display a page similar to creating an alarm, allowing you to update the required fields.


8.3 Reset Alarm

Any triggered alarm can be reset by pressing the green Reset Alarm button

8.4 Delete alarm

You can delete any alarm by clicking the red Delete Alarm button

8.5 Alarm Trigger Function

2	21# Granit-MDP	Eqv. Phase Voltage	Granit-MDP Eqv. Phase	150	300	Notification	Enabeld	Yes		<div>Reset Alarm</div>	<div>Configure Alarm</div>	<div>Delete Alarm</div>
2024 Jun 10 9:47:00 Data: 0												
2024 Jun 10 9:50:25 Data: 0												
2024 Jun 10 9:53:50 Data: 0												
2024 Jun 10 9:57:15 Data: 0												
2024 Jun 10 10:00:40 Data: 0												
2024 Jun 10 10:14:21 Data: 0												
2024 Jun 10 10:17:45 Data: 0												

When an alarm is triggered, it begins saving data at 15-second intervals for the triggered measure until one of two conditions is met:

1. An administrator manually stops the alarm.
2. The alarm measures return to normal within the specified minimum and maximum values.

All the alarm data from this period is saved and can be viewed by clicking the blue arrow.

9. Reports

EnergyEye

admin Logout

5 Alarms

Wed, Jul, 7/17/2024 22:34:43

Dashboard

Devices

Register Addresses

Data logs

Alarms

Reports

Diagrams

Historical Data

Reports


ID	Devices	Measures	Interval	Description	Status	Settings	#
1	Total 3	Readings 8	SAT 05:30 Asia/Riyadh	Generator 5 and Generator 6 and 7 weekly Report	Enabeld	<div>Configure Report</div>	<div>Delete Report</div>
				<div><div><div>#5 Generator 5</div><div>#6 Generator 6</div><div>#7 Main Generator</div></div><div><div>L1 Phase Voltage, #5 Generator 5</div><div>L1 Current, #5 Generator 5</div><div>Frequency, #5 Generator 5</div><div>L1 Phase Voltage, #6 Generator 6</div><div>L1 Current, #6 Generator 6</div><div>Frequency, #6 Generator 6</div><div>Eqv. Current, #6 Generator 6</div><div>L1 Current, #7 Main Generator</div></div></div>			
2	Total 1	Readings 5	* 10:15 Asia/Riyadh	Main Generator Daily Report	Enabeld	<div>Configure Report</div>	<div>Delete Report</div>
3	Total 4	Readings 4	FRI 10:00 Asia/Riyadh	Total inactive energy Credit Section	Enabeld	<div>Configure Report</div>	<div>Delete Report</div>


The main reports page provides a clear visualization of the created reports, also you can click on the Total devices, and total reading which will expand them for more details.

9.1 Create Report


To create reports, click the white plus sign button located at the top-left corner of the screen. This will navigate you to the add report page.


EnergyEye


admin  Logout


5 Alarms 


Wed, Jul, 7/17/2024 22:38:05


 Dashboard


 Devices


 Register Addresses


 Data logs

 Alarms

 Reports

 Diagrams

 Historical Data



Add Report

Devices

Nothing selected

Measures

Nothing selected

Hour

00

Minute

00

TimeZone

Asia/Riyadh

Status

Enabel

Description

Report Description

Report Day

Saturday

Email

Email

Create Report

Add report fields:

- **Devices:** It is a drop-down list where you can select multiple devices, it also comes with a search function for easier devices navigation.
- **Measures:** It is a drop-down list like the devices. Only the selected devices will be displayed on the measures list.
- **Hour:** Enter the report hour
- **Minute:** Enter the report minute
- **TimeZone:** Enter your time zone
- **Status:** select the status of the report, whether you want to enable or disable it.
- **Description:** Enter your report description
- **Report Day:** Select a report day from the drop-down list
- **Email:** Enter the email you want to receive the report on

Once all fields are filled out and the report is created, you will be automatically redirected to the main report page.

1

Total 3 ↓

Readings 8 ↓

SAT 05:30 Asia/Riyadh

Generator 5 and Generator 6 and 7 weekly Report

Enabeld

Configure Report

Delete Report

#5 Generator 5

#6 Generator 6

#7 Main Generator

L1 Phase Voltage, #5 Generator 5

L1 Current, #5 Generator 5

Frequency, #5 Generator 5

L1 Phase Voltage, #6 Generator 6

L1 Current, #6 Generator 6

Frequency, #6 Generator 6

Eqv. Current, #6 Generator 6

L1 Current, #7 Main Generator

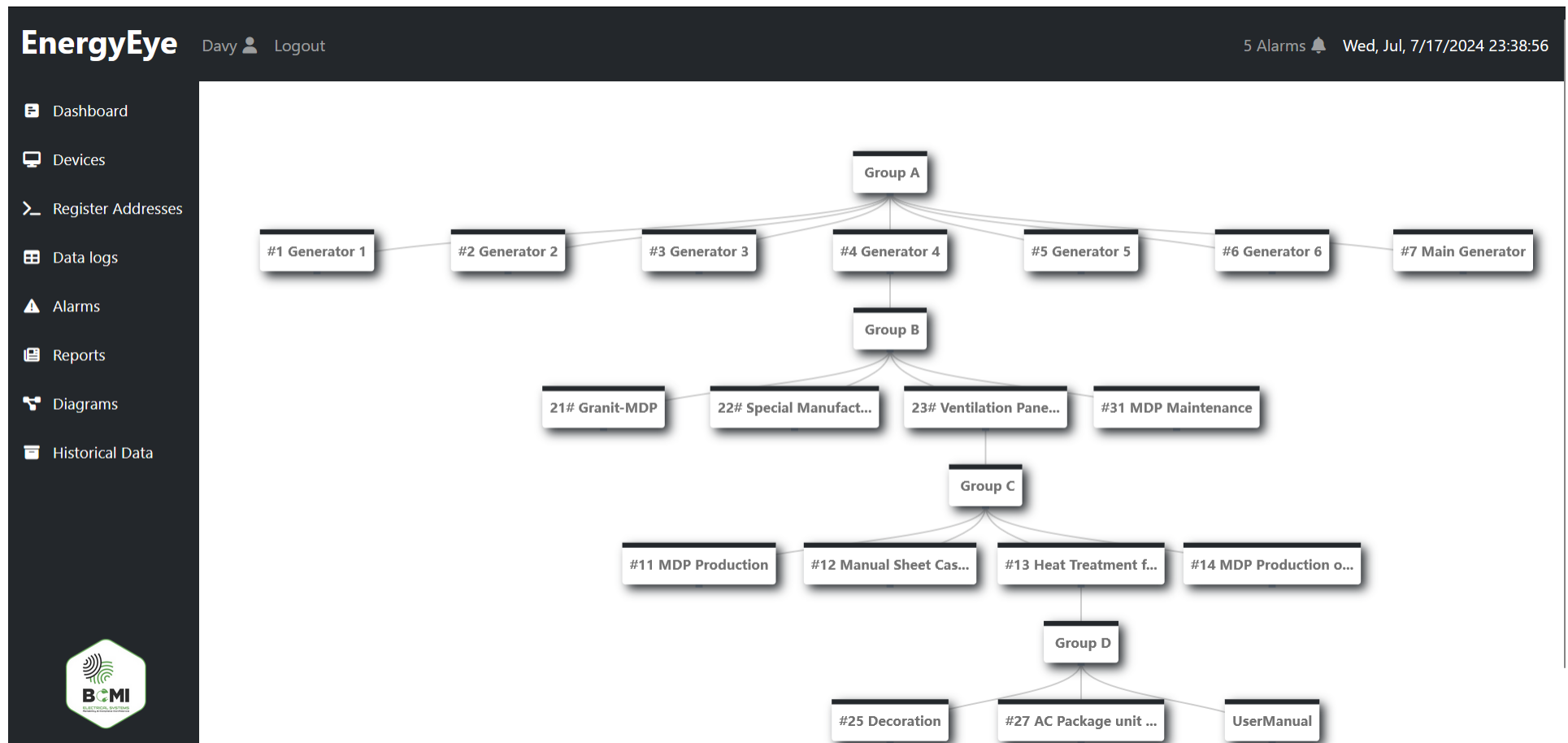
9.2 Update Report

To update a report, click the Configure Report button. This will take you to the update report page, which is similar to creating a new device. Simply update the fields as necessary.

9.3 Delete Report

If you want to delete a report, just press the Delete Report button

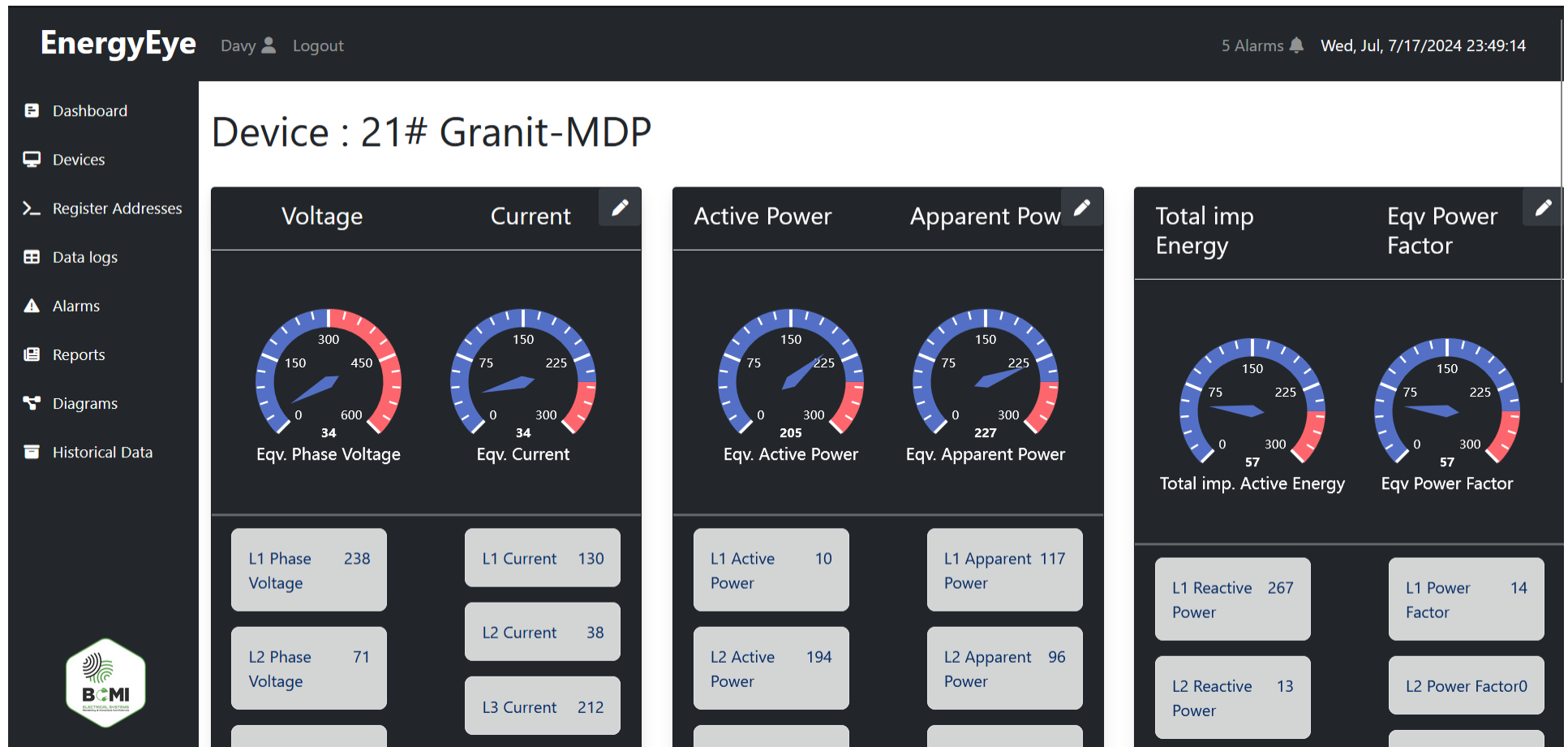
10. Diagrams



The diagrams provide a clear visualization of devices grouped accordingly. When you hover over an item, a small card displays where live data can be viewed (This live data is obtained from inside the device saved diagram layout).

To view live data for a device, click on the device card, and you will be redirected to the device diagram page.

10.1 Device Diagram



The device diagram page offers live data updates for the selected device. Initially, all readings will display as NaN until they are registered.

To register readings, click on the pencil icon located at the top of each card.

1. Part one

- Title: Enter the Gauge meter title
- Gauge Reading: select the measure to be displayed on the gauge
- Min: Enter the minimum value of the gauge
- Max: Enter the maximum value of the gauge
- Threshold: Enter the threshold of the gauge

2. Part two

- Measure 1: First Measure reading
- Measure 2: Second Measure reading
- Measure 3: Third Measure reading
- Measure 4: Fourth Measure reading

Title	Title
<input type="text" value="Voltage"/>	<input type="text" value="Current"/>
<h3>Gauge Reading</h3> <input type="text" value="Eqv. Phase Voltage"/>	<h3>Gauge Reading</h3> <input type="text" value="Eqv. Current"/>
Min: <input type="text" value="0"/> <input type="button" value="↕"/>	Min: <input type="text" value="0"/> <input type="button" value="↕"/>
Enter minimum value	Enter minimum value
Max: <input type="text" value="600"/> <input type="button" value="↕"/>	Max: <input type="text" value="300"/> <input type="button" value="↕"/>
Enter maximum value	Enter maximum value
Threshold <input type="text" value="300"/> <input type="button" value="↕"/>	Threshold <input type="text" value="250"/> <input type="button" value="↕"/>
Enter Threshold	Enter Threshold
<h3>Measure 1</h3> <input type="text" value="L1 Phase Voltage"/>	<h3>Measure 1</h3> <input type="text" value="L1 Current"/>
<h3>Measure 2</h3> <input type="text" value="L2 Phase Voltage"/>	<h3>Measure 2</h3> <input type="text" value="L2 Current"/>
<h3>Measure 3</h3> <input type="text" value="L3 Phase Voltage"/>	<h3>Measure 3</h3> <input type="text" value="L3 Current"/>

Note: you will see 3 cards. Each card holds 2 rows. And each card needs to be edited individually.

Also, there are multiple graphs as you scroll down the page, they all can configured the same way as the measure configuration process

11. Historical Data

BCMI Project

Logout

1 Alarms

Thu, Jul, 7/18/2024 3:46:32

Dashboard

Devices

Data logs

Register Addresses

Charts

Alarms

Reports

Diagrams

Historical Data

BCMI

Electronic Project

Historical Data Logs


ID	DataLogs	#
1	2024/05/21	Show
2	2024/06/03	Show
3	2024/06/09	Show
4	2024/06/16	Show
5	2024/06/23	Show
6	2024/07/07	Show
7	2024/07/14	Show


Historical data serves as a repository for older information, backed up periodically.

Choose the period you wish to view, and upon pressing the "show" button, you will be redirected to a page displaying the devices for that selected period.


11.1 View Historical Data


BCMI Project


 Logout


1 Alarms 


Thu, Jul, 7/18/2024 3:54:41


 Dashboard


 Devices


 Data logs


 Register Addresses


 Charts

 Alarms

 Reports

 Diagrams

 Historical Data



Historical Data from 2024/07/14

Device ID: 1 Device Name: #1 Generator 1	Device ID: 2 Device Name: #11 MDP Production	Device ID: 3 Device Name: #12 Manual Sheet Casting
Device ID: 4 Device Name: #13 Heat Treatment for Manual Casting	Device ID: 5 Device Name: #14 MDP Production of Marble (unknown)	Device ID: 6 Device Name: #2 Generator 2
Device ID: 7 Device Name: #25 Decoration	Device ID: 8 Device Name: #27 AC Package unit Panel	Device ID: 9 Device Name: #3 Generator 3
Device ID: 10 Device Name: #31 MDP	Device ID: 11 Device Name: #4 Generator 4	Device ID: 12 Device Name: #5 Generator 5

All the registered devices will be displayed in a note card style, clicking on a card will redirect you to that device recorded history data.

Dashboard

Devices

Data logs

Register
Addresses

Charts

Alarms

Reports

Diagrams

Historical Data



15 Seconds Interval Table

2024 Jul 13 2:59 a.m.	352.74	379.88	340.48	230.84	230.81	232.14
2024 Jul 13 2:59 a.m.	338.66	380.18	322.54	230.8	230.68	232.56
2024 Jul 13 2:59 a.m.	338.66	380.18	322.54	230.8	230.68	232.56
2024 Jul 13 2:59 a.m.	345.38	362.76	329.68	230.84	231.16	232.09
2024 Jul 13 2:58 a.m.	345.38	362.76	329.68	230.84	231.16	232.09
2024 Jul 13 2:58 a.m.	345.06	371.28	330.46	230.75	230.94	232.14
2024 Jul 13 2:58 a.m.	351.44	381.6	341.24	230.84	230.88	232.12
2024 Jul 13 2:58 a.m.	351.44	381.6	341.24	230.84	230.88	232.12
2024 Jul 13 2:57 a.m.	363.82	382.3	341.04	230.74	231.22	232.33

[Export CSV](#)

60 Seconds Interval Table

Nothing selected

This page displays saved historical data from devices, showing only a limited number of rows. To obtain the complete dataset, simply click "Export CSV" to download the entire data in CSV file format.

12 User Information

To get to the User Information tab, you need to press the icon next to the logout button

The screenshot shows the EnergyEye web interface. The top navigation bar includes the EnergyEye logo, a user profile icon labeled 'Davy' with a dropdown arrow, and a 'Logout' button. On the right, it shows '5 Alarms' with a bell icon and the timestamp 'Thu, Jul, 7/18/2024 4:23:04'. The left sidebar lists various system functions: Dashboard, Devices, Register Addresses, Data logs, Alarms, Reports, Diagrams, and Historical Data. The main content area displays the 'User Information' for the logged-in user. The information is presented in a list format: Account : Davy, First Name : Davy, Last Name : Marston, Personal Email : Davy@marston.com, Privilege : Admin, User, and Master Email: admin@user.com. An edit icon (pencil) is visible next to the Master Email field. The BCMI logo is located at the bottom of the sidebar.

The user information tab provides a base user information page, where the user can view his credentials.

1. Account: User display name
2. First Name: User first name
3. Last Name: User last name

4. Personal Email: User personal email
5. Privilege: Display the user privilege level
6. Master Email: Display the master email