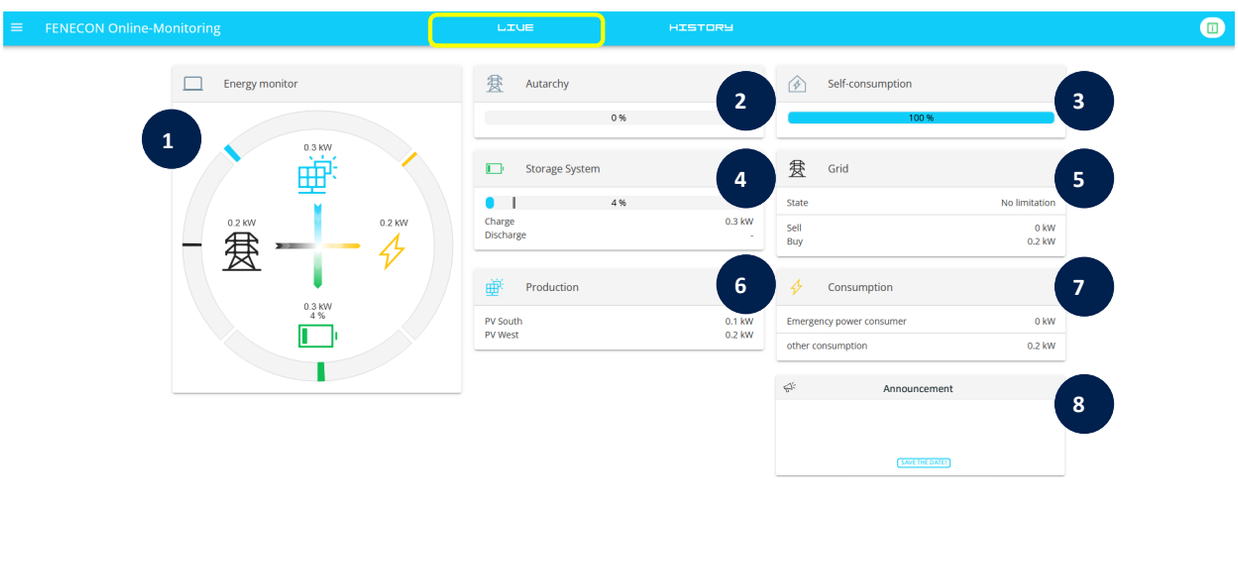
Introduction — Standard widgets and history

The following widgets are included in the standard scope of delivery and are available to all users without the need to purchase additional apps.

- Flat widgets are the various tiles that display data in the simple, first view.
- Further details can be called up by clicking on a flat widget (**Advanced view**).
- Certain settings can be made with installer rights.

Overview — Live view & history



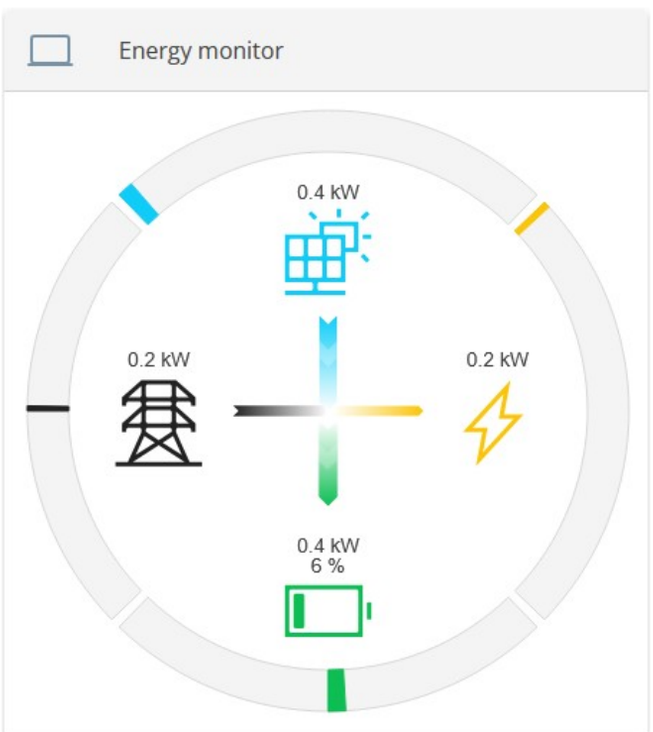
- In the live view of the FENECON Online Monitoring you will see pre-installed standard widgets.
  - With the exception of the Energy Monitor and the Announcement widget, each of the standard widgets has an advanced view.

Click on the text to find out more about the respective widget:

1. **Energy Monitor**
2. **Autarky**
3. **Self-consumption**
4. **Storage System**
5. **Grid**
6. **Production**
7. **Consumption**
8. **Announcements**

1. Energy Monitor

1.1. Energy Monitor — Live view



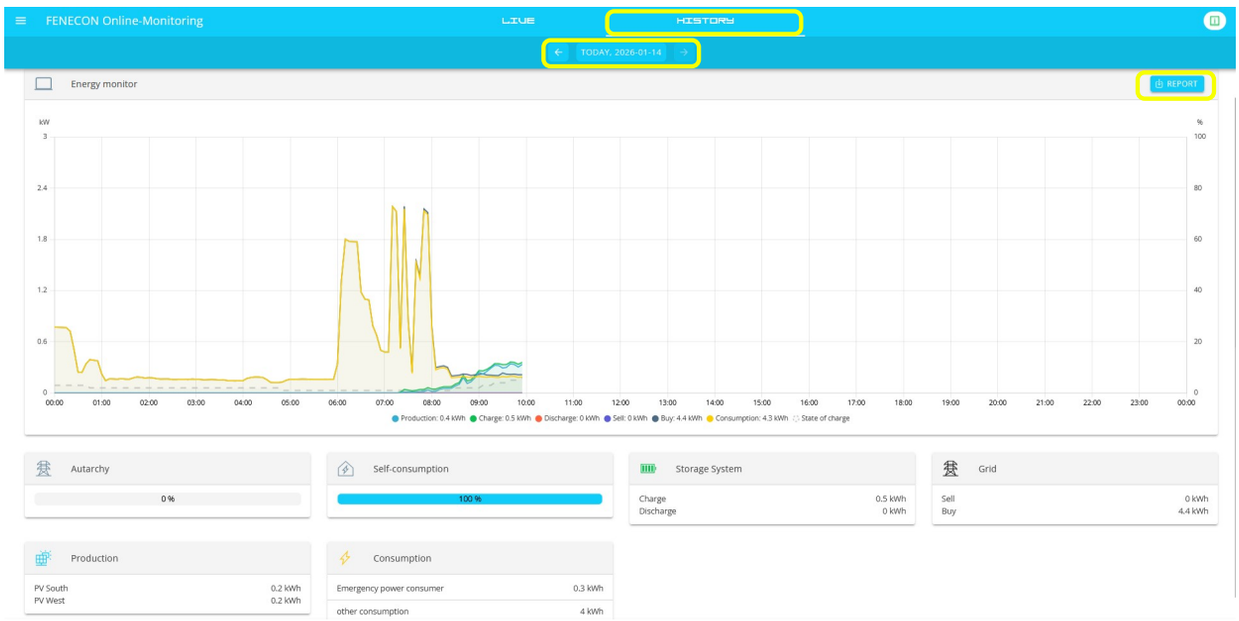
The Energy Monitor visualizes the energy flows in the system.

- It shows the current production, consumption, charging and discharging of the battery as well as the current grid withdrawal or grid feed-in.
- The gray bars represent the maximum possible power of the various elements, which is generated automatically.
- The consumption is calculated.
- If one of the elements (except consumption) does not exist in the system, it is hidden.

This widget is for information purposes only and is not clickable.

1.2. Energy Monitor — History

Clicking/tapping on the *History* tab takes you to the historical view of the Energy Monitor.



The widget shows a diagram with the production, consumption, grid and storage values at different points in time or during a period.

- This can be selected above the Energy Monitor. This period selection then applies to all content in the history view.
  - The respective graph can be shown or hidden by clicking/tapping on the legend.
- Below this are the standard widgets, which also have a historical view.



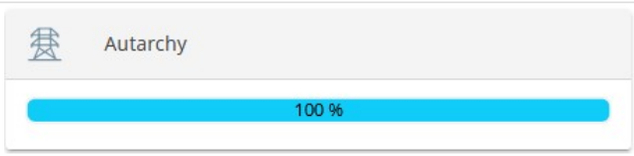
Optionally acquired FEMS Apps can also have a historical view, e. g. the FEMS App Time-of-Use Tariff.

- A specific tag can be selected for viewing in the center of the top edge of the screen.
  - The data for the selected day can be downloaded as an Excel file in the Energy Monitor window on the right (*REPORT*).

2. Autarky

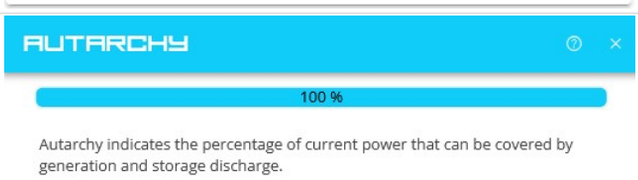
Autarky — Live view

Flat widget for self-sufficiency live view:
The widget shows the degree of self-sufficiency of the system as a percentage.



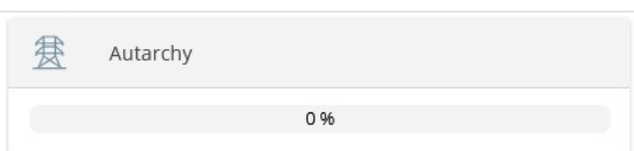
Clicking on the autarky live widget takes you to the expanded view with an explanation of the degree of autarky:

- Autarky indicates the percentage of the currently used power that is covered by Production and storage discharge.



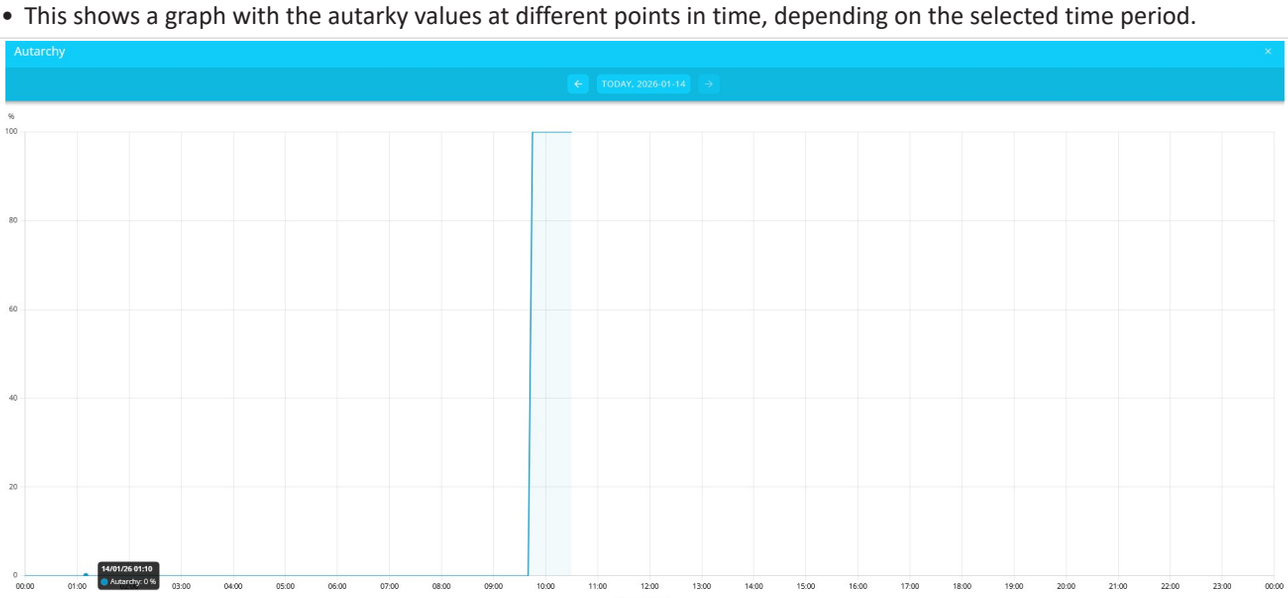
Autarky — History

Flat widget for self-sufficiency history:
If the cumulative values are disconnected on the system, the widget shows the degree of self-sufficiency over the selected period.



Clicking on this widget takes you to the expanded view.

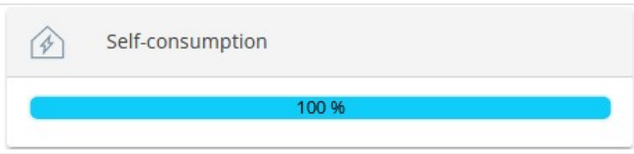
- This shows a graph with the autarky values at different points in time, depending on the selected time period.



3. Self-consumption

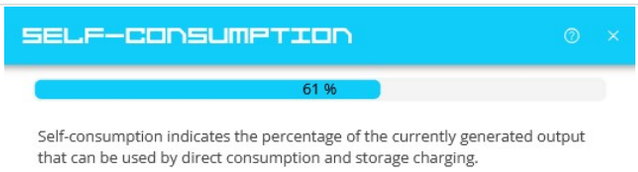
Self-consumption — Live view

Flat widget for Self-consumption live view:
The widget shows the system's Self-consumption as a percentage.



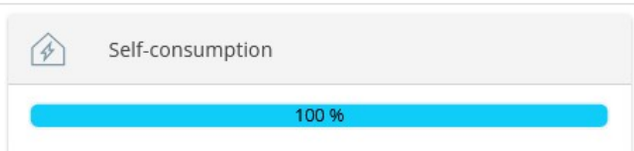
Clicking on the Self-consumption live widget takes you to the expanded view. This explains Self-consumption:

- Self-consumption indicates the percentage of the currently generated power that is used by direct consumption and battery charging.



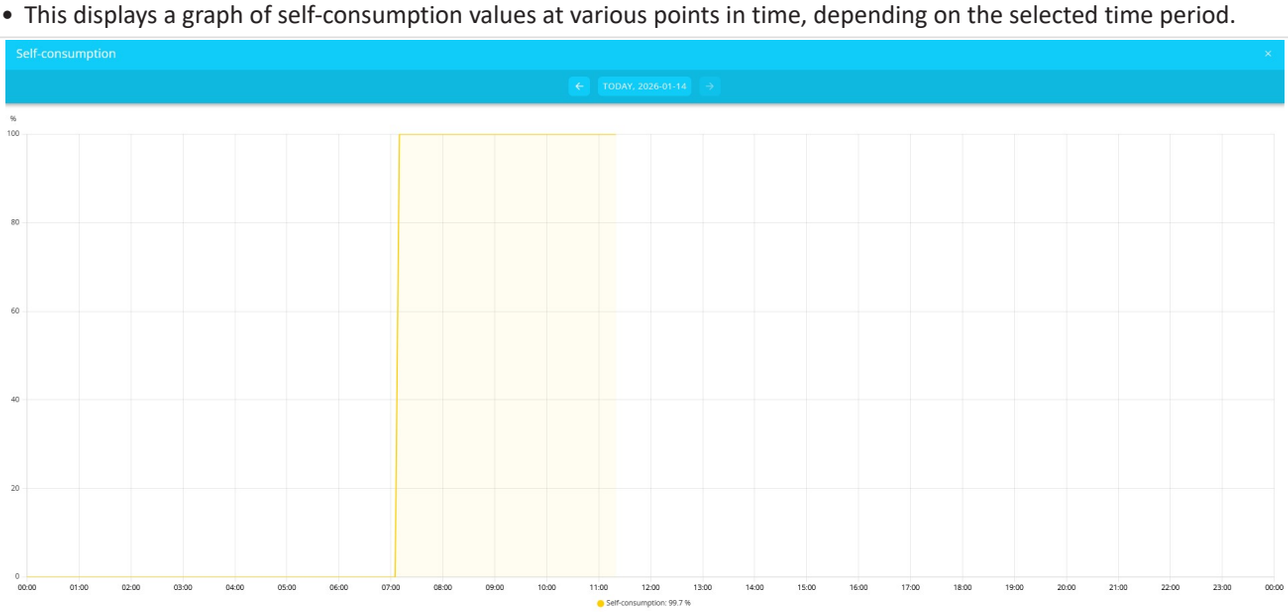
Self-consumption — History

Flat widget for Self-consumption history:
If the cumulative values are disconnected on the system, the widget shows the Self-consumption in percent over the selected period.



Clicking on this widget takes you to the extended view of the history.

- This displays a graph of self-consumption values at various points in time, depending on the selected time period.

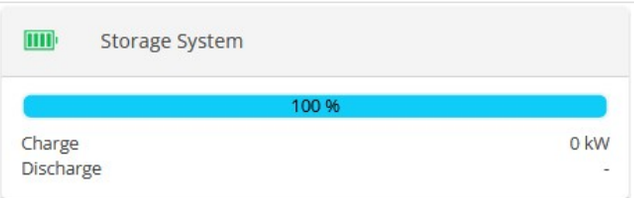


TIP: If there was no production, there can be no self-consumption! Therefore, self-consumption is only displayed in the graph if there was also production at that time.

4. Storage System

Electrical energy storage system — Live view

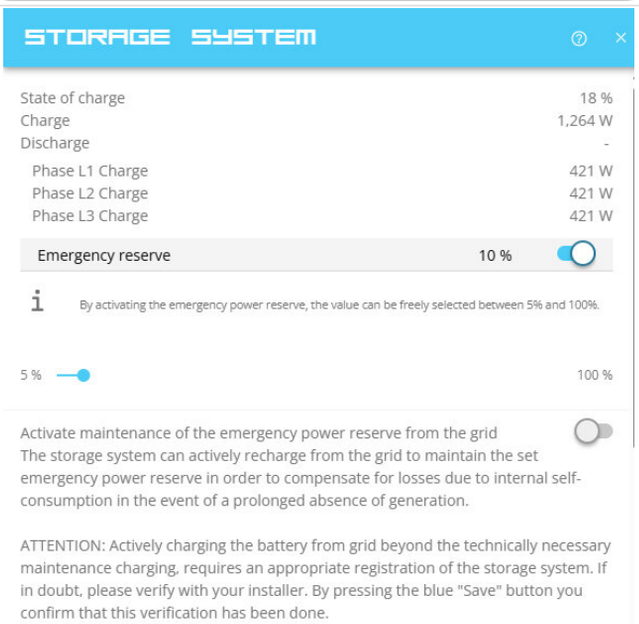
Flat widget for electrical energy storage system live view: The widget shows the accumulated state of charge, charging and discharging of the system. The charge bars within the battery symbol change dynamically, depending on the accumulated state of charge.



Clicking on this widget takes you to the expanded view of the electrical energy storage system live widget.

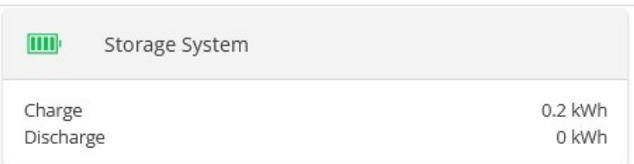
- This screen displays the phase load and total values.

The emergency power reserve can also be activated in this view.



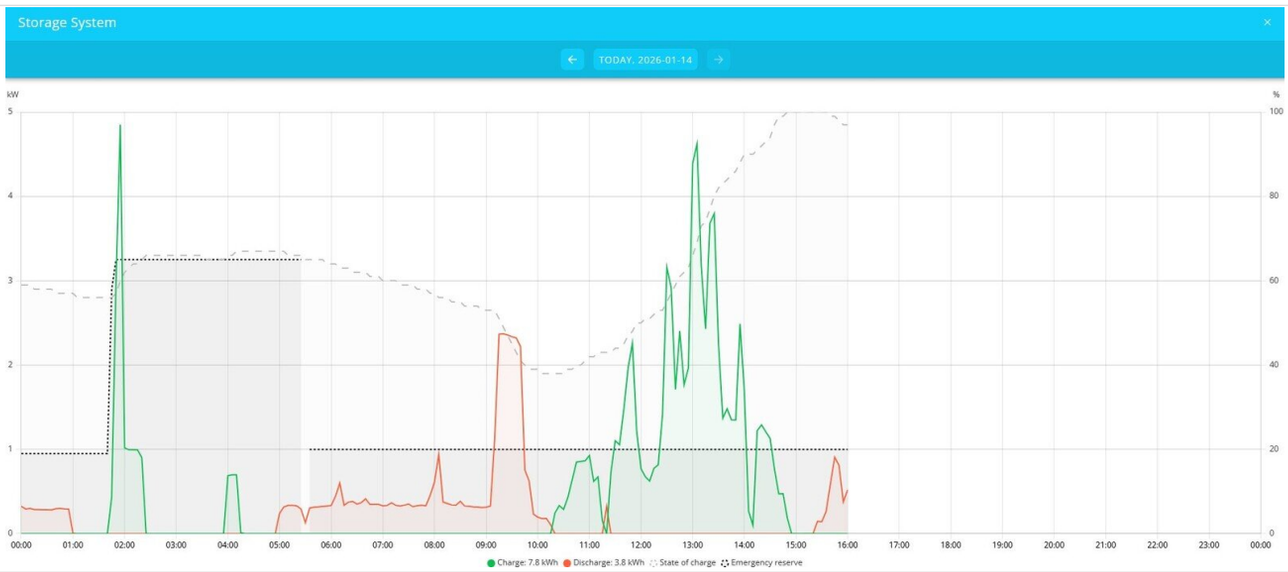
Electrical energy storage system — History

Flat widget for the electrical energy storage system history: If the cumulative values on the system are disconnected, the widget shows the loading and unloading over the selected period.



Clicking on this widget will take you to the expanded view.

- The storage system history is displayed, showing the states of charge of the electrical energy storage systems in the system and their charging and discharging capacity over the selected period. View with one storage system:



The expanded view of the system history displays the state of charge and its history in both % and power (kW) for the selected time period. In addition, the dashed line in the graph indicates the set emergency power reserve.

5. Grid

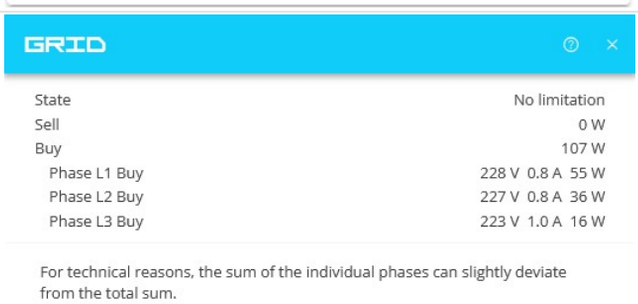
Grid — live view

Flat widget for grid live view:
The widget shows the grid withdrawal and the grid feed-in at the grid connection point.



Clicking on this widget takes you to the expanded view of the grid live widget.

- It shows the grid withdrawal and the grid feed-in with phase load at the grid connection point.
- If you are obliged to use a ripple control receiver, the limitation or dimming by the ripple control receiver may be specified here for home storage devices.



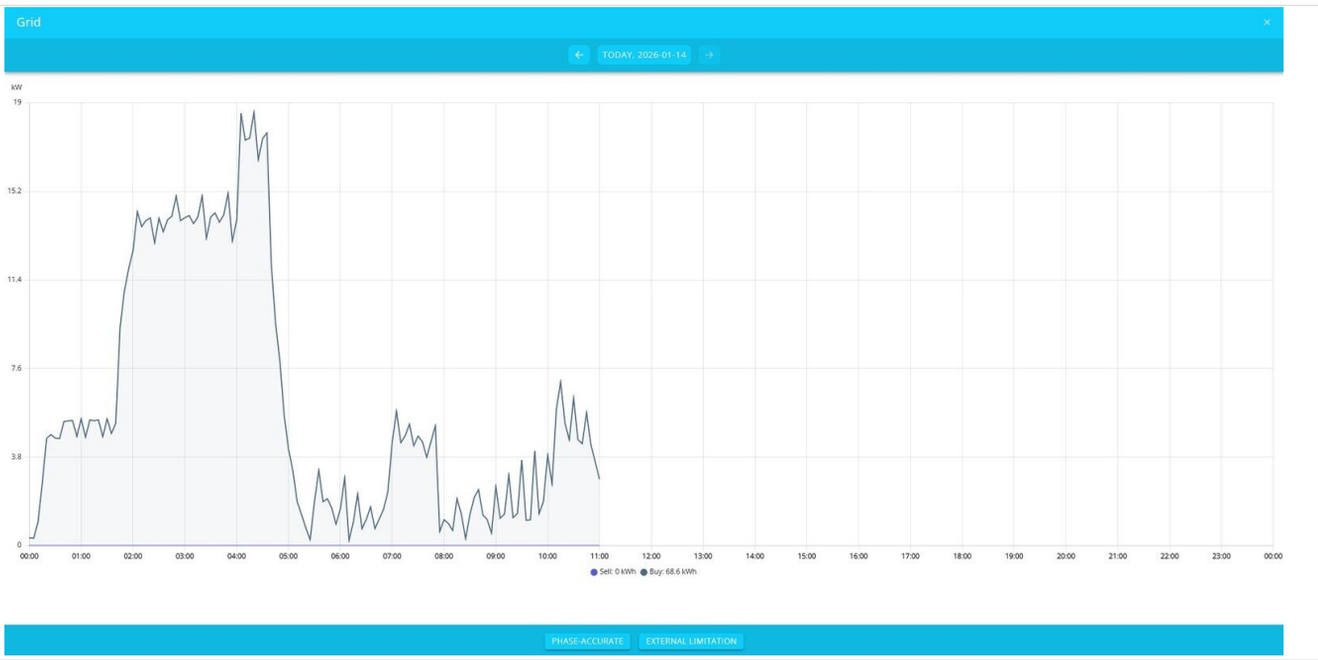
Grid — History

Flat widget for grid history:
If the cumulative values are disconnected on the system, the grid history widget shows the grid feed-in and grid withdrawal over the selected period.

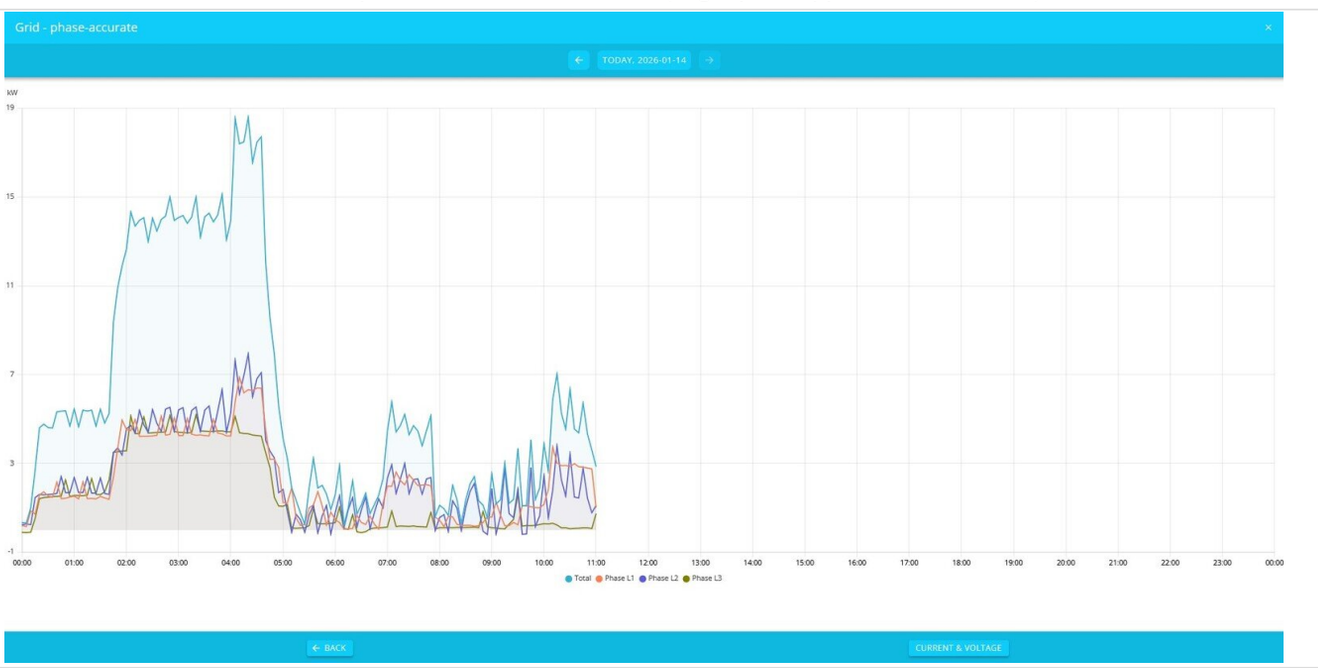


Clicking on the grid history widget takes you to the expanded view of the grid history. Clicking on the grid history widget takes you to the expanded view of the grid history.

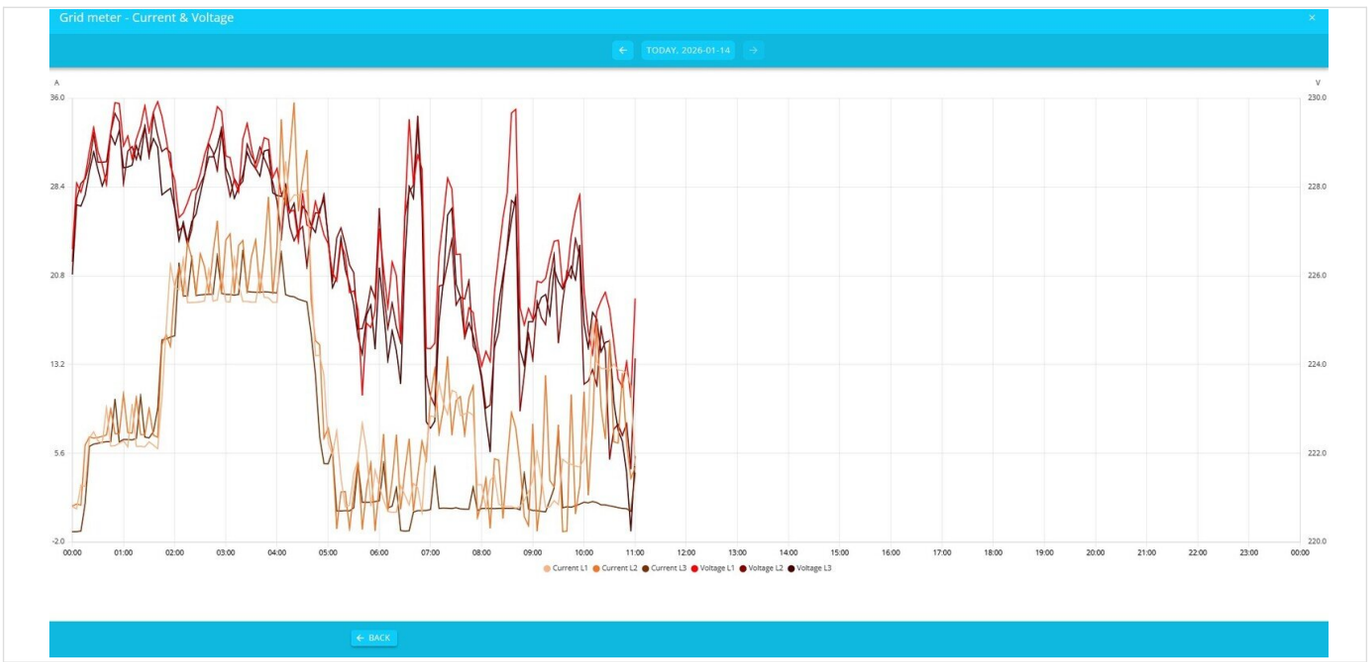
- It shows the grid feed-in and grid withdrawal at the grid connection point.



The phase values can also be displayed using the "Phase accurate" button.
Information on the duration and scope of the external limitation (e. g. by the ripple control receiver) can also be viewed here.



From this view, you can also display the current and voltage values with phase accuracy.


Grid meter - Current & Voltage
TODAY, 2026-01-14
A
V
36.0
28.4
20.8
13.2
5.6
-2.0
230.0
228.0
226.0
224.0
222.0
220.0
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
Current L1
Current L2
Current L3
Voltage L1
Voltage L2
Voltage L3
BACK

6. Production

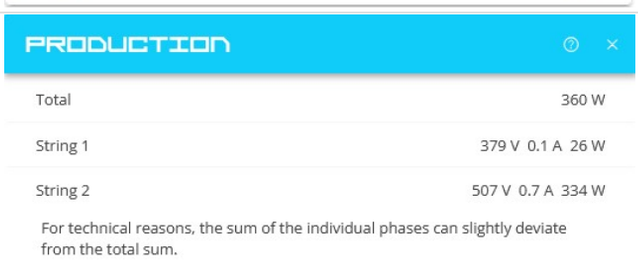
Production — Live view

Flat widget for Production live view:
The widget shows the performance value of the Production meter.



Clicking on this widget takes you to the expanded view of the Production live widget.

- The advanced view shows the summed production value with phase load, as well as the individual performance values of the meters.

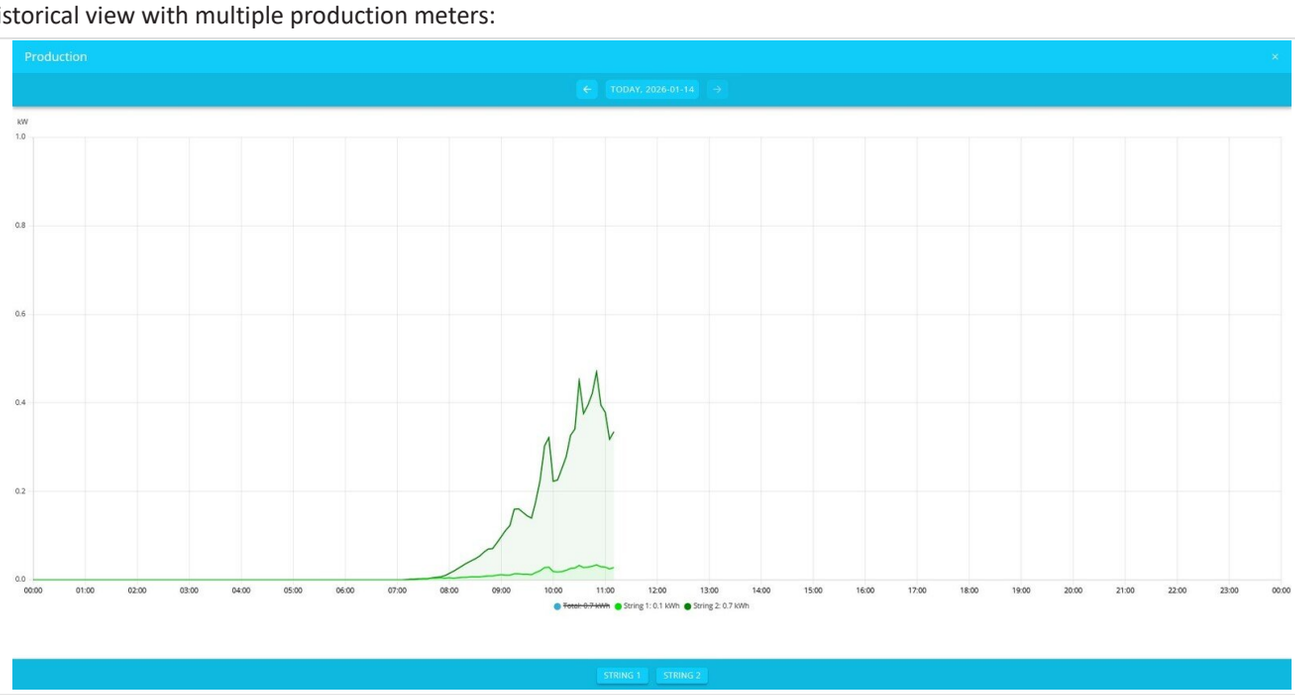


Production — History

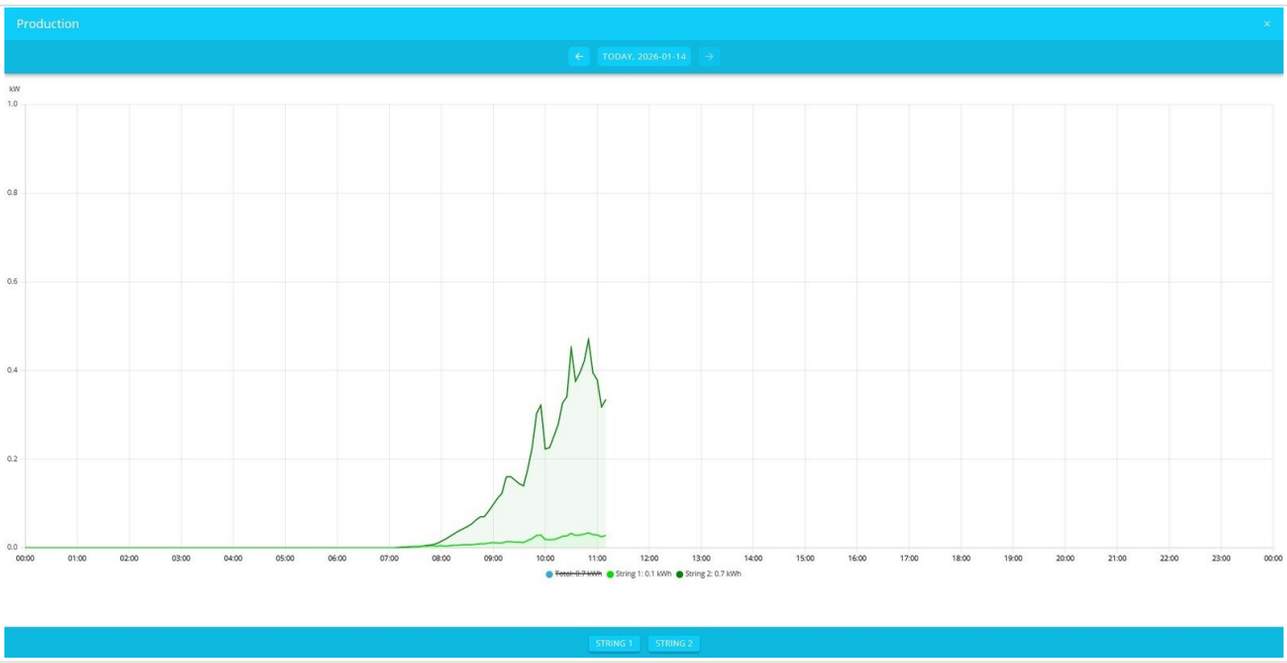
Flat widget for Production history:



Historical view with multiple production meters:



Using the button at the bottom center of the footer toolbar, the phase values of the respective production meters can be displayed and an overall diagram of the production can be created.



From this view, you can also display the current and voltage values of the Production with phase accuracy.



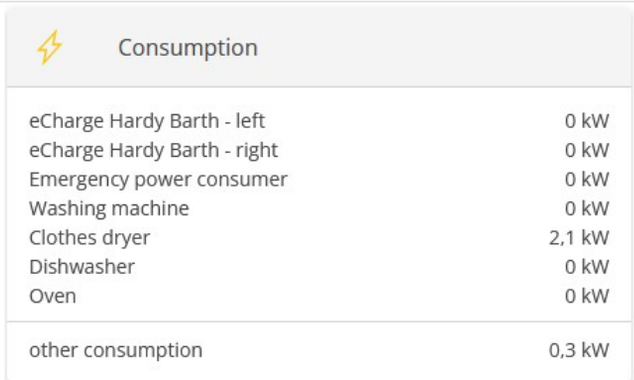
7. Consumption

Consumption — Live view

Flat widget for consumption live view:
The widget shows the current consumption.

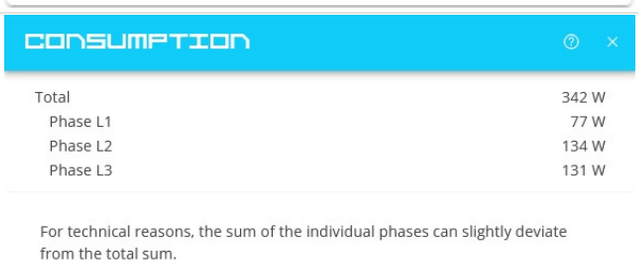


If other consumer loads (such as a charging station) are implemented, these are also displayed when consumption is active.

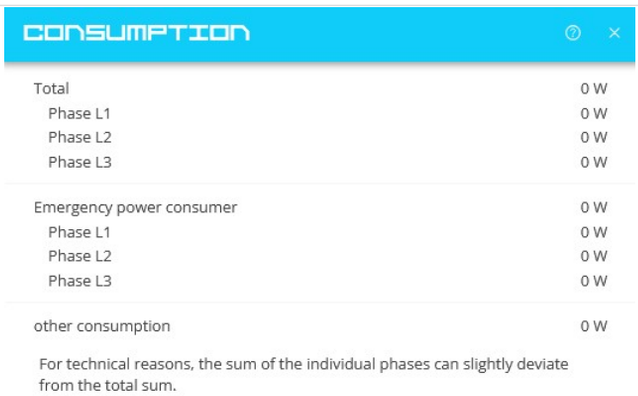


Clicking on this widget takes you to the expanded view of the consumption live widget.

- It shows the current total consumption with the respective phase load, as well as the consumption of additionally implemented consumer loads.



View with multiple consumer loads:



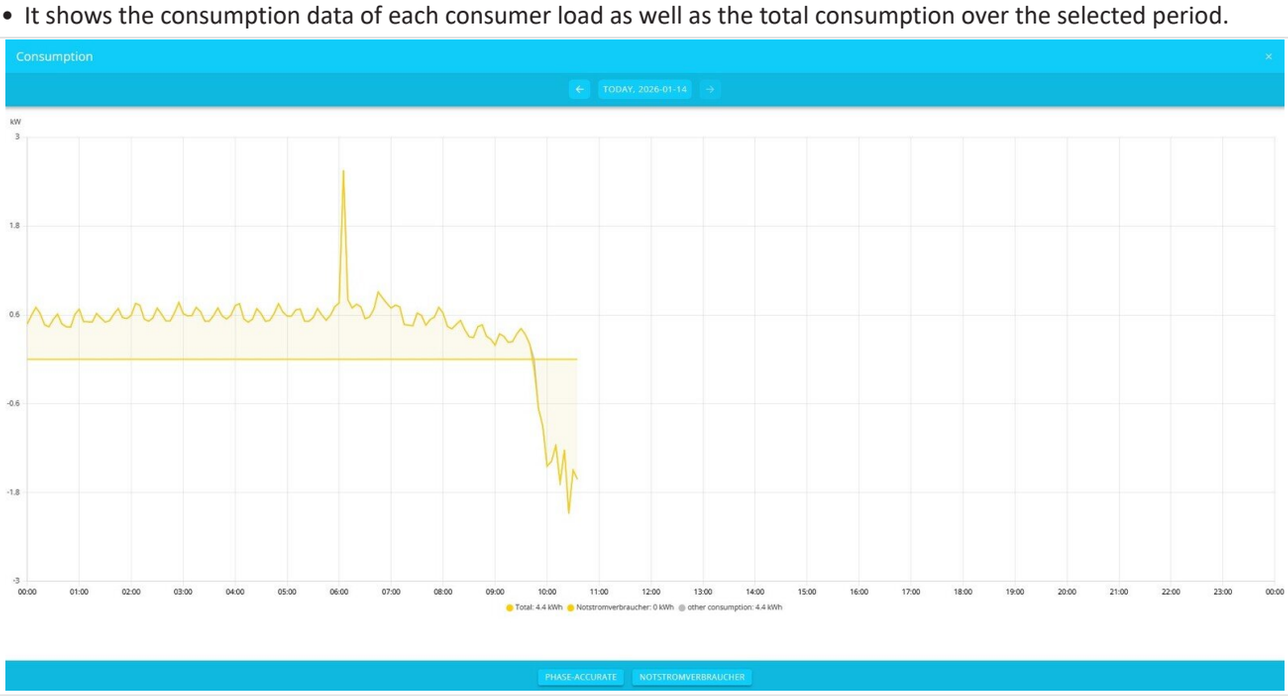
Consumption — History

Flat widget for consumption history:
This view shows the cumulative total consumption over the selected period.

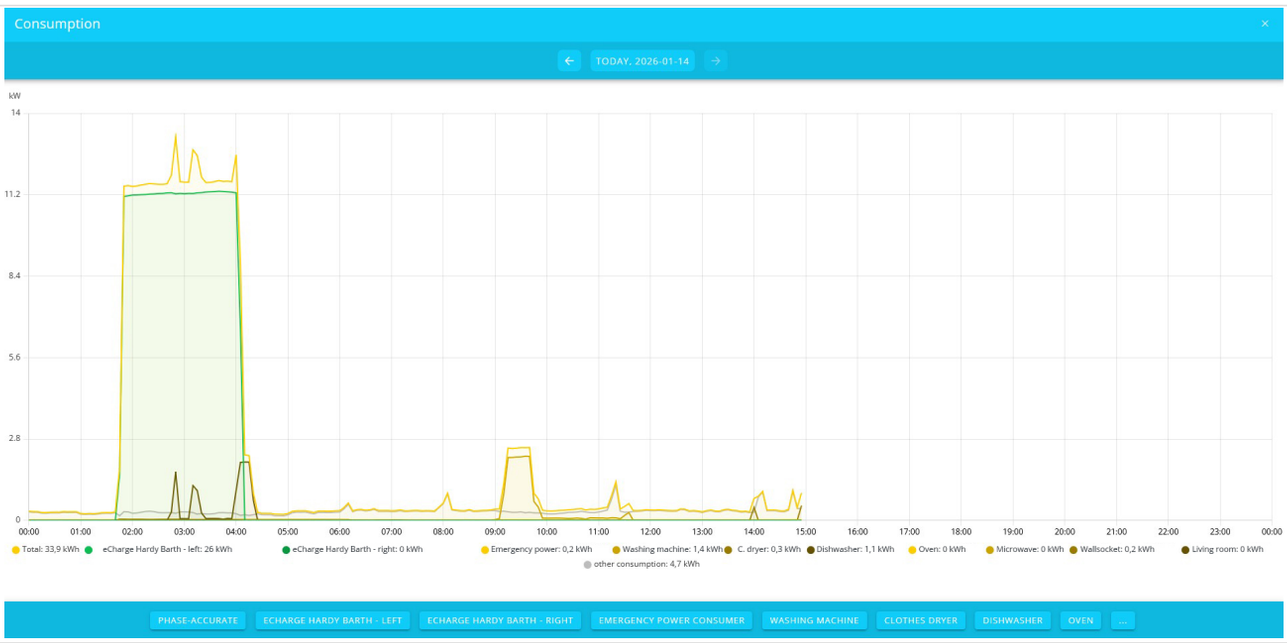


Clicking on the consumption history widget takes you to the expanded view.

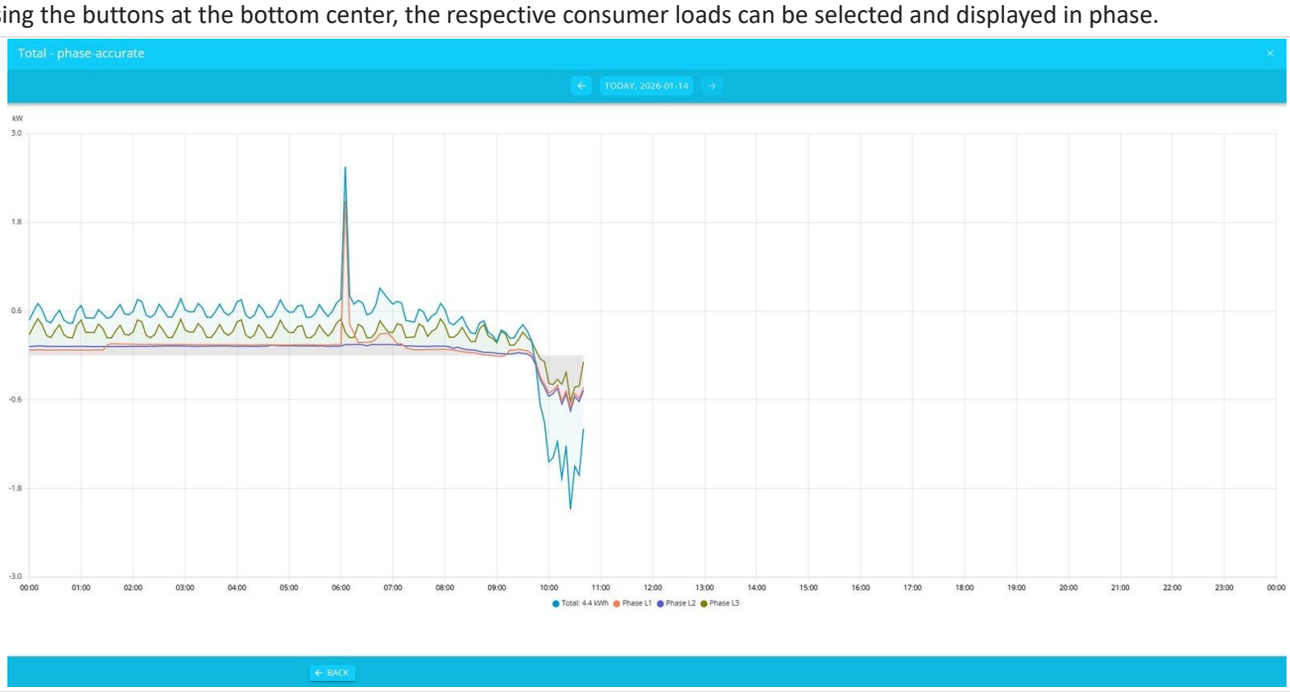
- It shows the consumption data of each consumer load as well as the total consumption over the selected period.



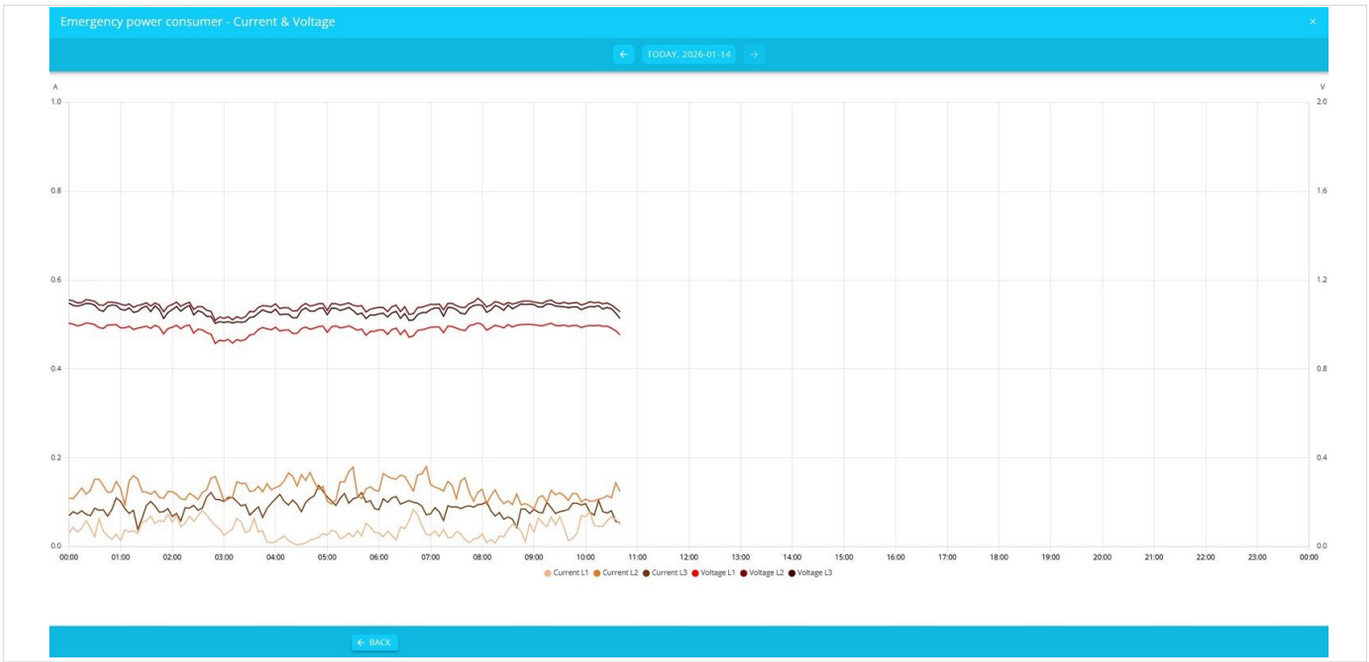
View with multiple consumer loads:



Using the buttons at the bottom center, the respective consumer loads can be selected and displayed in phase.



Using the button at the bottom right, the current and voltage can also be displayed with phase accuracy.


Emergency power consumer - Current & Voltage
TODAY, 2026-01-14
A
V
1.0
0.8
0.6
0.4
0.2
0.0
2.0
1.6
1.2
0.8
0.4
0.0
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
Current L1
Current L2
Current L3
Voltage L1
Voltage L2
Voltage L3
BACK

8. Announcements

Announcements — Live view

Flat widget — announcements:
The widget displays information on EMS improvements, webinar dates and the latest news from the energy storage sector. It is the only standard widget without a historical view.

