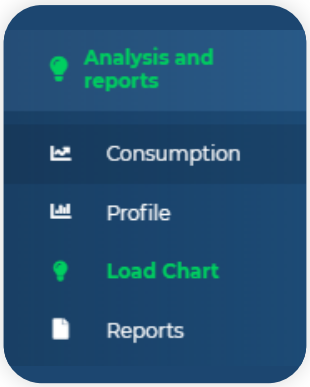
Consumption map



The Consumption Map tab presents utility consumption data over a four-week period in a single graph divided into days and hours. By default, the graph is presented with fifteen-minute intervals – one square is equal to 15 minutes. The colour of the squares corresponds to the intensity of the utility consumption as read off a selected meter or the value being measured, e.g. power or temperature.

A legend showing colours with their corresponding value and its unit is displayed directly below the chart. If the chart shows white squares, it means that the system has not recorded a reading from the selected meter in the corresponding time. **If the ordered capacity was entered during configuration, black squares will show the times when it was exceeded**. Exporting data to the XLSX format will generate a detailed consumption report with 15-minute intervals for each day.

HOW TO USE: To go to the Consumption map tab, select the Consumption map tab on the navigation panel shown on the left side of the screen.

Got questions?
Contact us!

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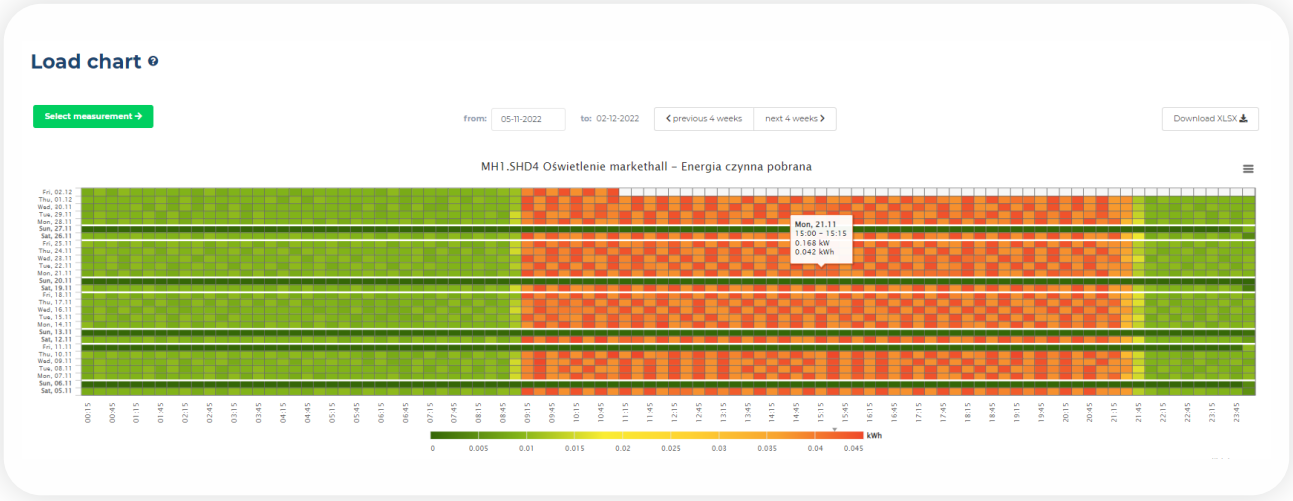
Rhino Platform
Analysis and
reporting module

1. (Optional) Select the location and group of the meter
2. (Optional) Select the utility measured by the meter
3. Select the meter for which the consumption map is to be generated (the preselection of the location and/or medium acts as a filter that narrows down the scope of meters to be shown)
4. Select the time frameto be shown on the consumption map
5. (Optional) You can view the previous four weeks and the following four weeks
6. You can download the data in the form of a report (XLSX format)

EXAMPLE: By analysing the consumption map, you can detect anomalies in the operation time and intensity in a selected circuit (e.g. lighting or air-conditioning). The example below shows that the lighting in the sales area was switched on and off on the hour from Monday to Saturday whilst the consumption on Sundays was close to zero. The anomaly occurred on 23 March – The lighting was on on Sunday, generating additional energy consumption.



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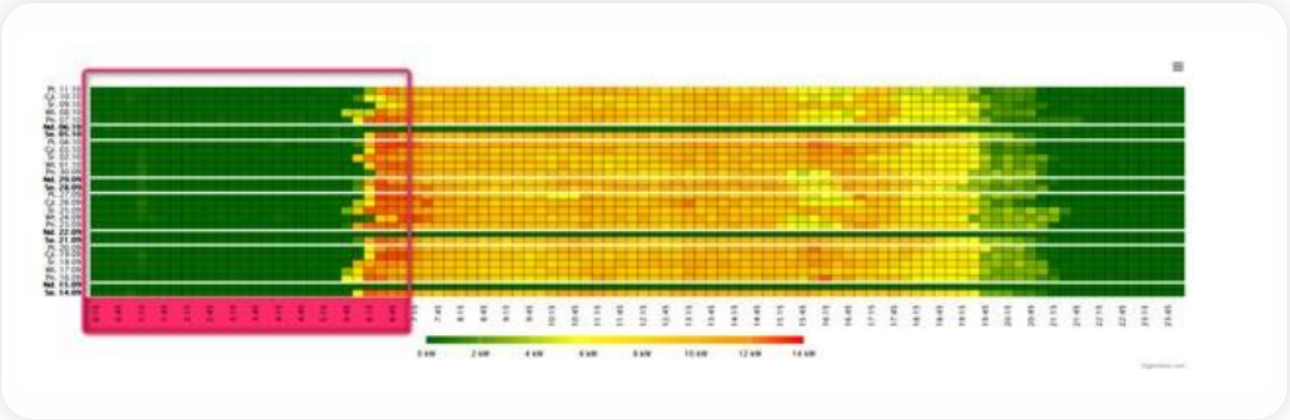
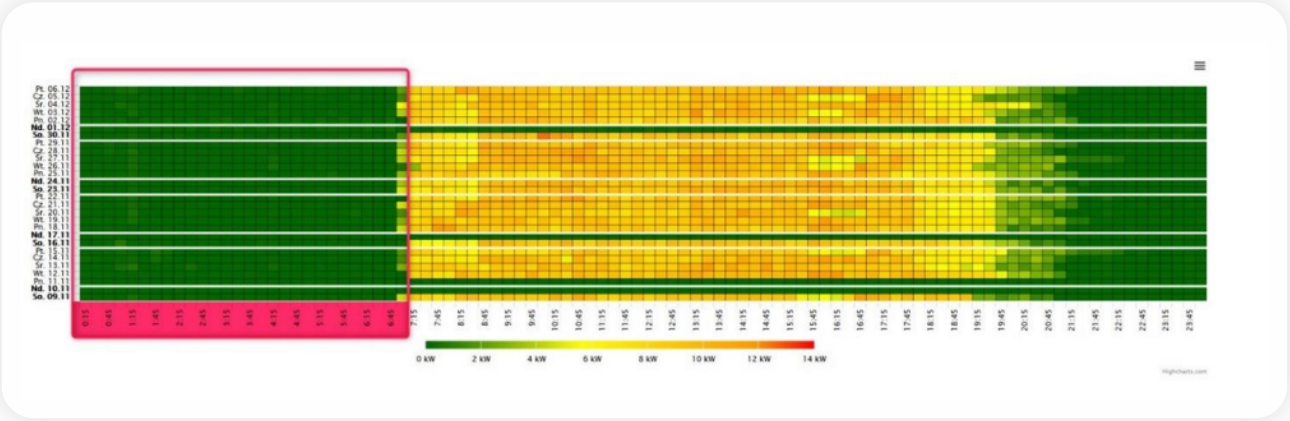
Another purpose of using a consumption map is to verify the optimum operation time of a circuit, e.g. air conditioning or heating. In the example below, you will notice that heating devices were turned on a long time before the facility's opening hours. Additionally, their settings were inappropriate, causing them to use a lot of energy when switching on. The chart below shows the situation when monitoring began:



Following changes to the heating equipment drivers, the consumption reading on the same meter looks as follows:



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