





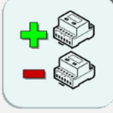






## New functions of the Energy Manager

This document describes the most important, new integrated functions of the Energy Manager Panel.

	<p><b>Button “go today”</b></p> <p>On the Websites “consumption per week”, “per month” and “per year” as well as “costs per week”, “per month” and “per year”, an additional button was introduced.</p> <p>As soon as the button is pressed, the visualization changes to the current date (week, month or year).</p>
	<p><b>Counter overview list</b></p> <p>The clearly arranged counters list offers a quick and easy navigation of the connected meters.</p>
	<p><b>Comparison between meter and periods</b></p> <p>Comparisons can be easily de- or activated via a button on each site.</p>
	<p><b>Replacement Energy meter</b></p> <p>A meter replacement is automatically recognized by the Energy Manager, if one of the following condition applies on the same SBus address:</p> <ul style="list-style-type: none"> <li>• ASN number and serial number are different</li> <li>• Counter value is not plausible (new value is lower as value of the replaced meter)</li> </ul>
	<p><b>Implementation of 2-way meter</b></p> <p>The Energy Manager automatically recognizes each S-Bus meter, whether it is a bidirectional energy meter. Once the meter is recognized, appropriate representation is shown on the display.</p>
	<p><b>Implementation of H104SE Module</b></p> <p>Via PCD7.H104SE gateway module it is possible to connect 4x S0-pulse meter. As a result it is not only possible to monitor the electrical energy, but also to monitor for example the consumption of water, gas and heat on the Energy Manager.</p>
	<p><b>Calculation for groups</b></p> <p>The new calculation function can be applied especially for the calculation of supplied and consumed energy with two-way energy meters.</p>
	<p><b>Energy monitoring (Emax)</b></p> <p>With the load shedding-functionality the demand of energy from up to three consumers over 15min can be limited automatically. Each consumer is controlled by an output of the terminal.</p>
	<p><b>Alarm-Email</b></p> <p>The Alarm-Email functionality offers the opportunity to send Emails, if there is a change of status of inputs, outputs or counter values.</p>
	<p><b>Data-Email</b></p> <p>With the „Data Email“-function meter values can be sent periodically via Email. The time period in which a data Email will be sent can be determined.</p>
	<p><b>Time zone</b></p> <p>By selecting the time zone, the system time will be changed automatically to the current local time.</p>