

Product News

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Fit for the United States **Bachmann extends functions of the Smart Power Plant Controller**

Feldkirch, 23.10.06

With version 2.0 of the Smart Power Plant Controller (SPPC) from Bachmann electronic GmbH, the control methods have been extended specifically for use in the United States to meet applicable US grid requirements. The SPPC offers new support of closed-loop voltage control, compensation of line losses for voltage control with long distances between park controller and transfer point as well as the U(Q) characteristic. Likewise, active power and reactive power can be limited in the event of control deviations.

The new functionalities have been supplemented in the commissioning visualization and monitoring visualization. Effective immediately: In addition, the SPPC can be fully integrated into Bachmann's Wind Power SCADA.

With MATLAB® Simulink the SPPC already supports a high-performance simulation environment. Moreover, in the future it will also be possible to carry out simulation and analysis with the established PowerFactory software from DlgSilent. Now generic functional mock-up unit models (FMUs) can also be used in the simulation environments.

Pictures

Pictures 1:



The Smart Power Plant Controller (SPPC) from Bachman now also supports closed-loop voltage control, compensation of line losses for voltage control over long distances as well as the U(Q) characteristic.

Picture: Bachmann

For more information visit:

<https://www.bachmann.info/en/products/sppc>

Bachmann electronic GmbH

Automation, grid measurement and protection, visualization and condition monitoring of plants and machines: This is the world of Bachmann.

Headquartered in the Austrian town of Feldkirch and with more than 500 employees worldwide, Bachmann is an internationally aligned and strong-growth enterprise.

Robustness and reliability, these are the outstanding characteristics of the Bachmann solutions and to ensure these characteristics, every module is subjected to 100 % testing, plus a 48-hour run-in test. The intelligent, scalable technology is based on over 50 years of experience in the field of integrated engineering.

<https://www.bachmann.info/>

Press contact:

Bachmann electronic GmbH, Bochum Office

Frank Fladerer

Konrad-Zuse-Straße 3

44801 Bochum, Germany

Tel.: +49 234 932598-3029

Email: frank.fladerer@bachmann.info