

MONITORING SYSTEMS



GRID CODE COMPLIANCE MONITORING PFM300-GCC

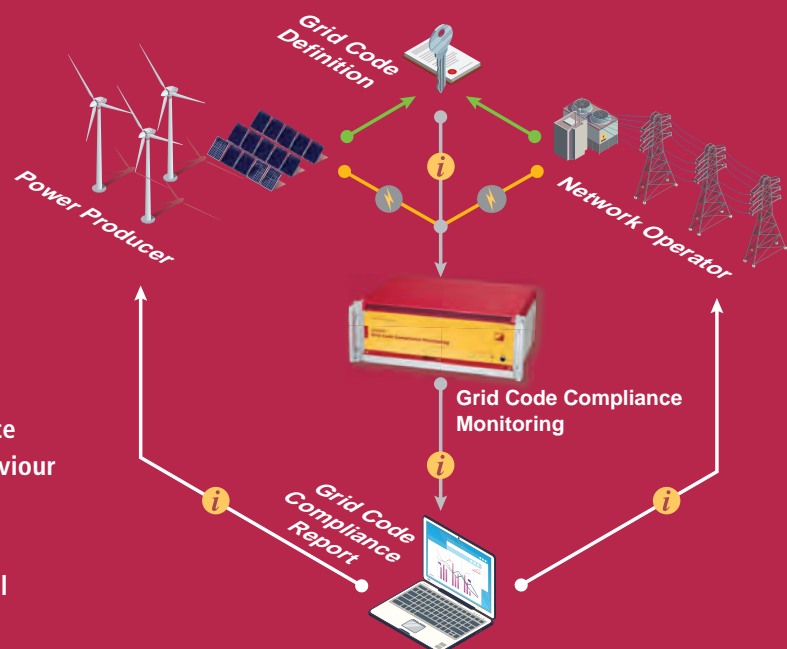
The new Grid Code Compliance Monitoring System PFM300-GCC has been designed to carry out online audits of the compliance of the power plant with the grid code, automatically report on any grid code relevant issues and provide transparency between parties through traceability of non-compliance events.

FEATURES

- Flexible monitor functions
- Online compliance status
- Comprehensive reports
- Easy configuration
- Multiple connection concept

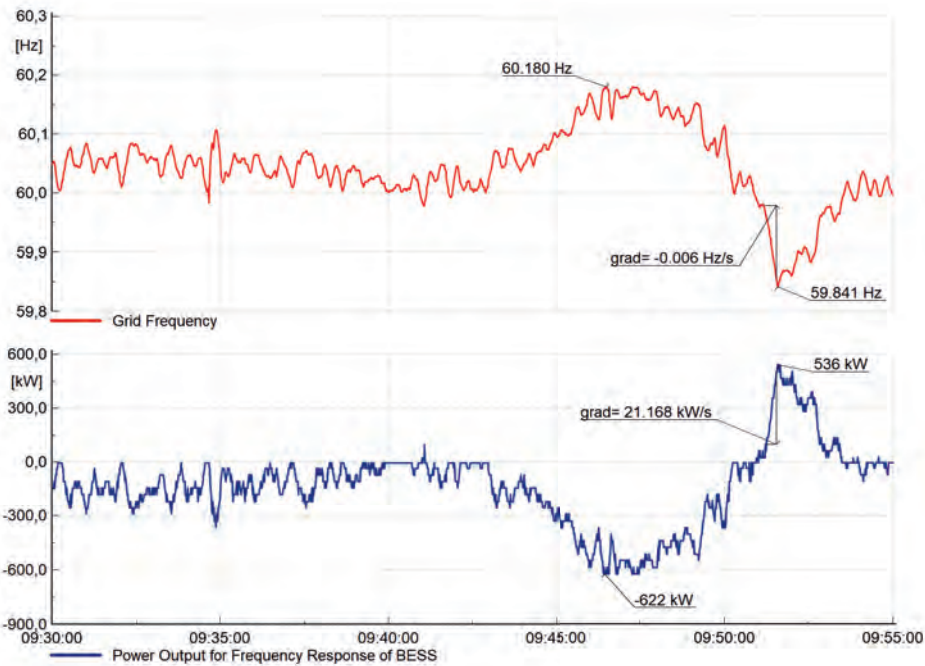
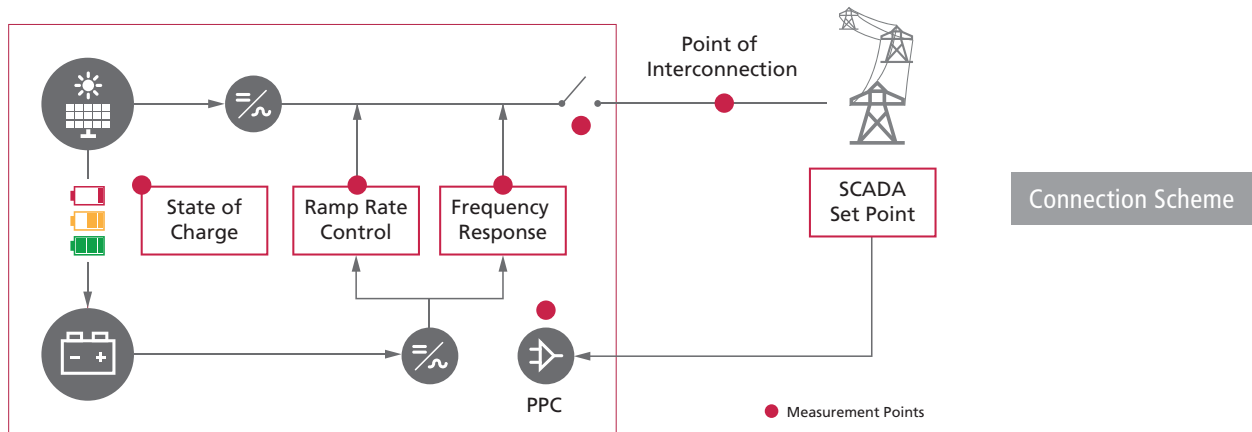
KEY BENEFITS

- Continuous online audit of grid code compliance and instant notification of non-compliant behaviour
- Traceability of grid code compliance triggered events via detailed reports
- Remote access to the online audit devices by all interested parties
- Reliable data basis for power plant performance optimisation (e.g. power plant controller analysis and tuning)



ADVANCED APPLICATION CASE

As well as providing the VT and CT signals from the point of connection, the PFM300-GCC offers monitoring of the plant status. In the case shown below, plant signals relating to the frequency response of the Battery Energy Storage Systems (BESS) and the pv generator are also evaluated. For other systems, turbine or governor signals can be recorded and included in the Grid Code Compliance Monitoring analysis, to check for compliance with the ramp rate control and frequency response settings. Similarly, voltage set points, dynamically changed by the network operator, can be monitored together with AVR signals.



DigSILENT GmbH
 Heinrich-Hertz-Straße 9
 72810 Gomaringen (Germany)
 T: +49 7072 9168-0
 mail@digsilent.de



For more information, visit
www.digsilent.de



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