

standards for network control technology.

One of the major highlights was a talk by Marc Elsberg. The author of the best-selling "Blackout" talked about how the book came about, his experiences researching for it and much more about the background to the book. The workshops on offer provided practical demonstrations of numerous new implementations and de-

velopments in the Electrical Energy division, along with the *PSIvpp* product for virtual power plants.

The event was attended by around 200 visitors from Germany, Europe and Southeast Asia. The many conversations with our customers and partners gave us a chance to show our expertise as a solution provider for high-end control technology. The feedback received to date on the con-

tent, atmosphere and quality of the event has been extremely positive. This reinforces our intention to make the EE Info Days a fixed part of our sales and marketing activities. 

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News: First SASO contract from transport network operator TennetTennet

Network status assessment using Security Assessment and System Optimization

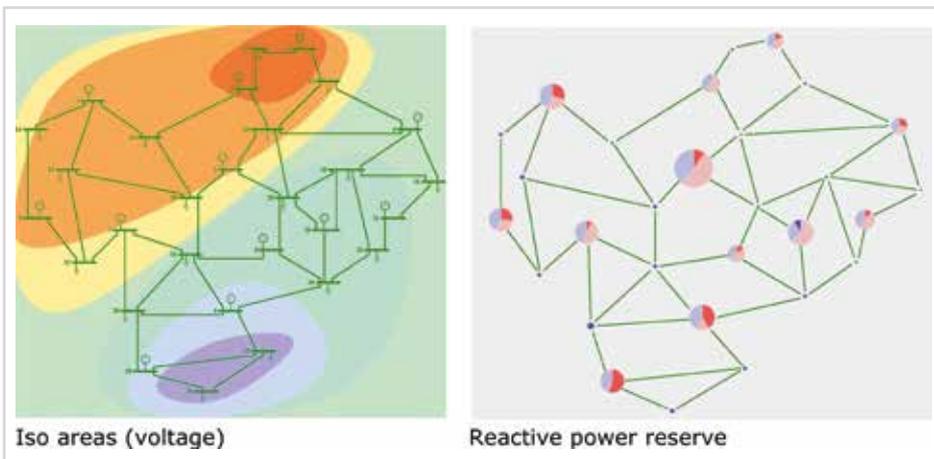
PSI AG has won its first contract for delivery of the Security Assessment and System Optimization (SASO) solution for network status assessment and decision-making support from transport network operator Tennet, and the project has already begun.

The new SASO system designed by Tennet and PSI for network operators allows concentrated and straight-

In recent years, the number of network interventions required in the transport network has risen massively, due to the significant changes

feed-in of renewable energy, reductions in large power station capacity and the predominantly market-driven electricity transport. It began with the development of a module for idle power management. The components provided include status assessment, decision support and innovative visualisation.

The data required is drawn from the existing *PSIcontrol* network control system, which is connected to SASO. Status assessment is based on traditional network calculations. Decision support will use algorithmic methods and, in the future, increasingly "computational intelligence" (CI) methods, such as PSI's own fuzzy logic, or neural networks. The SASO system is essentially designed to be independent of the control system to minimise mutual influence between the two. 



Representation of location-specific network information, examples.

forward assessment of the network status and provides suggestions for resolving any actual or expected fault situations.

in network operating conditions. SASO is designed to meet the tough future demands for network management that result from the volatile

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