# SOLAR PRO.

### **Microgrid Control Platform**

#### What is a microgrid control system?

The microgrid control system also generates historical data that can be used for cost impact estimation and load and generation forecasting. This allows you to implement energy storage and peak-shaving strategies to reduce energy cost and use renewable sources when they're most advantageous.

#### What is a community microgrid?

Community microgrids with multiple distribution circuits--integrate renewable resources, ensure resiliency, and reduce energy costs. We partner closely with microgrid owners and their contractors and integrators in planning, testing, and commissioning the control system.

#### What is ETAP microgrid control?

ETAP Microgrid Control offers an integrated model-driven solution design, simulate, optimize, test, and control microgrids with inherent capability to fine-tune the logic for maximum system resiliency and energy efficiency. ETAP Microgrid software allows for design, modeling, analysis, islanding detection, optimization and control of microgrids.

#### What makes SEL a good microgrid control system?

SEL is the global leader in microgrid control systems, verified by rigorous independent evaluations and proven by 15+years of performance in the field. Our powerMAX Power Management and Control System maximizes uptime and ensures stability, keeping the microgrid operational even under extreme conditions.

#### Who makes the best microgrid control systems?

SELis the top vendor of microgrid control systems in the Guidehouse Insights 2021 microgrid controls leaderboard report, which evaluates the strengths of the world's 16 leading microgrid control system providers.

#### What is a turnkey microgrid control system?

Our turnkey microgrid control solutions include electrical system protection, automation, cybersecure networking, real-time controls, visualization (HMIs), and full integration with existing electrical infrastructure. SEL control hardware works with almost all distributed energy resource (DER) interfaces.

The key to any microgrid, combined heat and power (CHP) or demand response (DR) project is the platform that controls the distributed energy resources (DER) to provide value to the asset owners as well as the larger utility grid.



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Contact us for free full report

Web: https://publishers-right.eu/contact-us/ Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

