

# **etap** *iLS* **Intelligent Load Shedding**



## **Optimal Load Preservation**

*for the*

## **Mining Industry**

### **Protection Against Production Losses**

Diverts power from non-essential processes first, keeping production rate up and running.

### **Workforce Safety**

Helps keep your most valuable resources safe by preserving power to critical safety gear.

### **Lower Costs**

Reduces the need for power reserve equipment and the fuel to power it.

### **Real-Time Power Enterprise Solution**

ILS is a fully integrated component of the ETAP Real-Time enterprise solution providing a comprehensive power platform to monitor, control, simulate, optimize, and automate the operation of your electrical power system.

# etap *iLS* Intelligent Load Shedding

ILS predicts the optimal load shedding scenario based on actual system dynamics, making it the most intelligent solution available, hands down.

## Pro-Active vs. Reactive

Goes beyond reactive load shedding when a disturbance is detected.

## Optimal Load Preservation

Determines how much load shedding is needed and in what optimal combination to prevent stress on the rest of the system.

## Faster Load Shedding

Responds to power disturbances in a fraction of a second (less than 100 milliseconds) from detection to load shed.

## Intelligent Load Restoration

Restores loads incrementally based on knowledge of process and electrical system interdependencies.

## Reliable, Proven Technology

Utilizes robust calculation methods designed on an open architecture platform that allow system-wide validation of load shedding schemes via simulation prior to field deployment.

### ETAP Quality Assurance Program

10 CFR 50, Appendix B • 10 CFR 21 • ANSI/ASME N45.2  
ASME NQA-1 • ANSI/IEEE 730.1 • CAN/CSA-Q396.1.2 • ANSI N45.22



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