PROENERGY

ADVANCED MONITORING & PREDICTIVE SOLUTIONS

AMPS

DRIVE PROFITABILITY WITH DATA INTELLIGENCE

Know what lies ahead and how to go forward. Our advanced monitoring and predictive solutions (AMPS) interprets data to deliver insights on improved plant availability, reliability, and profitability. Proven in both baseload and peaking applications, our AMPS service analyzes your operations across time to deliver data-driven action plans that make the best use of your resources.

Our AMPS technicians serve you from dual NERC-compliant remote operating centers (ROCs) with access to 24/7 engineering expertise. Here, we detect subtle anomalies before traditional alarms activate, so that you know about failures before they happen. Upon alert, your team receives a prescriptive advisory that covers event causation and fault diagnostics, which lets you procure repair parts and plan outages on your schedule.

TOP ADVANTAGES

ANTICIPATE EVENTS. TAKE ACTION.

DETECT EMERGING TRENDS and pending faults

ADDRESS FORECASTED ISSUES based on prescriptive guidance

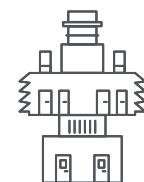**SCHEDULE MAINTENANCE PROACTIVELY** for a planned outage

REDUCE UNSCHEDULED DOWNTIME and increase reliability

VIGILANT
2
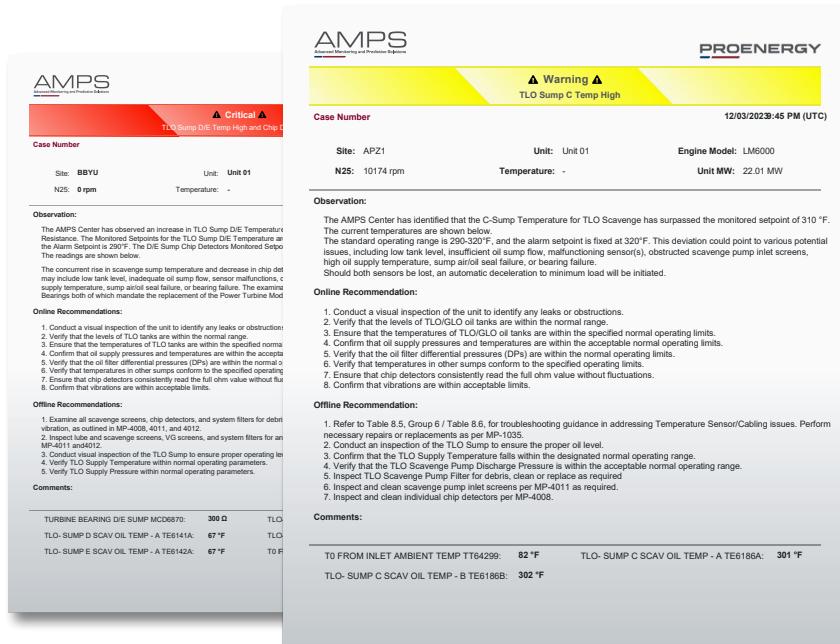REDUNDANT NERC-CERTIFIED ROCs

SUPPORTIVE
24/7
EXPERT ASSISTANCE

EXPERIENCED
60+
UNITS MONITORED

ADVANCE OPERATIONAL PERFORMANCE WITH
ANALYTICS

AMPS empowers your O&M teams with information on what issues may arise, how to prioritize activities, and when to allocate resources. We use machine learning and advanced pattern recognition technologies to create a trend analysis of your site's load, ambient, and operational profile. Combining a global record of facility performance and failures with real-time data from your site—including turbine, pump, compressor, and generator matched with speed, bearing temperature, vibration, and load—you receive an accurate and proactive roadmap to peak efficiency.
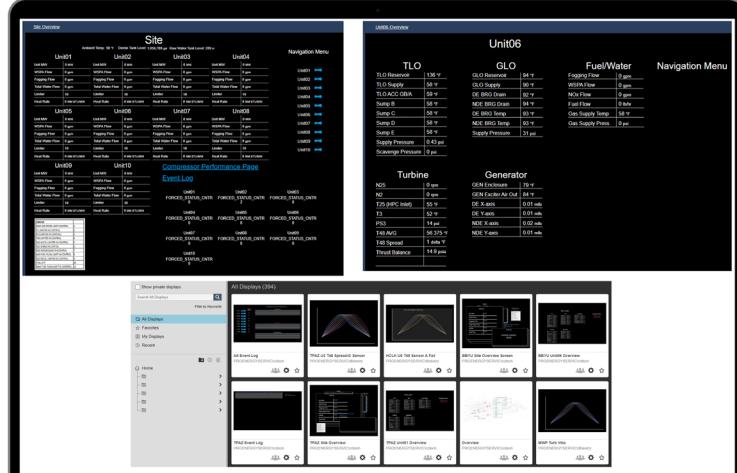

ACTIONABLE INSIGHTS

Prescriptive Advisories

Receive immediate notification of anomalies. AMPS operators dispatch either a Warning Advisory or Critical Advisory with detailed observations, as well as online and offline recommendations.

Performance Reports

Stay at peak performance. Monthly meetings and reports provide a long-term view of asset performance and summarize plant operations, including key events, observed conditions, maintenance guidelines, and open cases.

CONNECTION PROTECTION

Cybersecurity

Keep your data protected and compliant with government and regulatory requirements. Our certified cybersecurity professionals provide endpoint detection and response (EDR) technology, security information and event management (SIEM) solutions, robust authentication and controls, and specialized firewall integration.

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