



Power Reliability System *For Electric Submersible Pumps*

Dynamic On-Site Energy Management
and Storage for Oil and Gas

Whether your ESP uptime is 50% or 95%, there is more production available. A Power Reliability System can help you achieve it.

Consistent, Predictable Uptime

- Fully power your ESP for hours during unplanned outages or planned maintenance, with no ESP shutdown
- Eliminate voltage sags and spikes
- Reduce harmonic distortion and achieve near-unity power factor

Reduce Generator Runtime

- Operate fewer hours at higher load, improving fuel efficiency and extending generator life

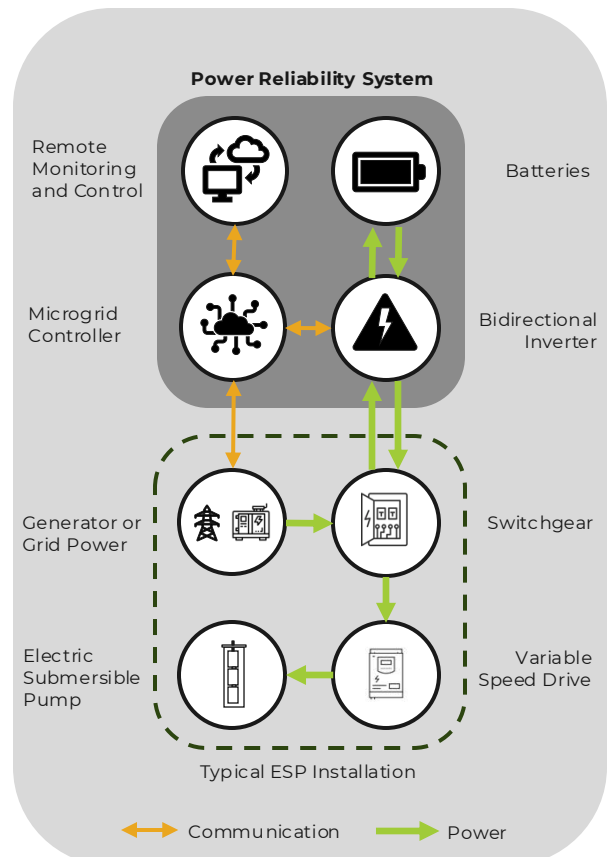
Remote connectivity and real-time alerts

- See power issues while the ESP is still running
- Remotely restart generators or rebalance loads
- Hours of power to dispatch field crews

No Capital Expenditure

- Hardware, software, and maintenance all available as a service package

Microgrid Controller + Inverter + Battery with Remote Monitoring
In parallel with grid or generators



Increase production and reduce operating costs on any power system

PRS - Generator

Multi-Generator or Off-Grid Powerplant

- Eliminate one or more generators while maintaining capacity and uptime
- Optimize fuel costs with smart load balancing
- Turnkey integration with advanced microgrid control
- Ensure optimal power quality at all loads

Single Generator

- Avoid downtime from trips or maintenance
- Right-size oversized generators without sacrificing peak demand capability
- Optimize fuel costs with smart load management
- Ensure optimal power quality at all loads

PRS – Grid

Local Grid Power

- Eliminate shutdowns from voltage spikes or outages
- Support and maintain line voltage during sags to maintain uptime
- Solve peak-shaving and load-shedding objectives without sacrificing production
- Ensure optimal power quality at all loads

	PRS - Generator		PRS - Grid	
	Single Generator	Multi-Generator/ MicroGrid	Wellsite	Field Grid
Load Capacity	Up To 1MW	Up to 15MW	Up to 1MW	Up to 15MW
Critical Load Coverage	1hr-8hr		5mins-1hr	
Operating Environment	-30°C to +55°C			
Eliminates Voltage Sags and Frequency Variation	⚡	⚡	⚡	⚡
Reduces Line Harmonics	⚡	⚡	⚡	⚡
Remote Monitoring and Control	⚡	⚡	⚡	⚡
Generator Load Optimization Reduce Fuel Consumption	⚡	⚡		
Remote Generator Restarts	⚡	⚡		
Generator load-balancing		⚡		
Peak Shaving and Load Shedding Enablement			⚡	⚡