

E²Power Systems LLC

A subsidiary of Basler Electric Company



E²PS offers a wide range of engineering and support services for the power generation and power system markets. We have more than 30 years of experience in the design and installation of turbine and excitation controls, ranging from system upgrade studies to turnkey installation services. We are your one-stop facility for Engineering, Procurement, and Construction (EPC) and we provide the peace of mind you need from an EPC provider. Our reputation was built on quality and reliability. We get the job done correctly and on time.

COMPLETE SERVICES INCLUDE

- Electrical system design
- Turnkey installation services
- Protection system settings and coordination studies
- Consulting services
- Appraisal testing and maintenance services
- Technical training seminars
- System upgrades



Electrical System Design

- Hydroelectric control systems
- Generator control and protection systems
- Generator excitation systems
- Power distribution systems
- Emergency backup systems
- Sync motor/condenser control and protection systems

Turnkey Installation Upgrade Services

- Generator excitation systems
- Protection systems
- Power System Stabilizers
- Sync motor and condenser control systems
- Medium voltage switchgear systems
- Automation control systems

Onsite Services

- Troubleshooting and maintenance
- NERC compliance testing
- Startup and testing services
- Construction management
- Power System Stabilizer (PSS) commissioning
- Protective relay calibration

Consulting Services

- System evaluation and enhancement studies
- Protective relay setting and coordination services
- Arc flash hazard evaluation
- Specification and procedure development services
- Load flow reviews
- Short circuit analyses
- Generator Specialist



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