



Electrical

From concept to commissioning, our experts are focused on delivering safe, cost-effective solutions to ensure our customers meet project expectations. Leveraging our global experience, we deliver innovative solutions to the oil & gas, manufacturing, and food & beverage industries.

Paton's is committed to safety with 35 years without a Lost Time Injury. We empower individuals to employ safe and environmentally responsible practices. We passionately promote the health and welfare of our teams and community.

Our engineering, procurement and construction groups work together to maximize safety and constructability in our design and installations. We excel at high quality and timely installation and have the unique ability to perform full EPC projects.

Paton forges strong mutually beneficial, long-lasting relationships, built on trust and respect. By listening, we are able to deliver effective solutions, which are aligned to our customers' need.

Power System Engineering

- > Power system specifications & evaluations
- > Power system selection
- > Power system upgrade planning
- > Power system automation
- > Electrical studies
- > Protective relay systems
- > Power factor correction
- > Hazardous location studies
- > Project scoping & estimating

Power System Design

- > Switchgear systems (up to 25KV)
- > Power generation systems
- > Substations
- > Motor Control Centers
- > Large motors
- > AC and DC drives
- > Overhead and Underground cable systems
- > Power and lighting systems
- > Building automation
- > Heat tracing systems

Power System Installation

- > Power house installation
- > Raceway installation
- > Cable system installation
- > Lighting system installation
- > Grounding system installation
- > Factory acceptance testing
- > Site acceptance testing
- > Commissioning and testing support

Power System Support

- > System Life Cycle Management
- > System maintenance
- > Obsolescence planning
- > Quality Assurance/ Quality Controls