

Power Services

Integrated Electrical, Engineering, Automation & Control Solutions



Core Capabilities

- Electrical engineering and design support
- Electrical drawings, documentation and technical review
- Industrial automation, PLC, HMI and SCADA integration
- Control panel design and CSA-certified fabrication
- VFDs, soft starters, motor controls and pump automation
- Field installation, commissioning and troubleshooting
- Remote monitoring, telemetry and data logging
- Preventive maintenance and operational support



Ketek **Power Services** supports industrial, commercial and remote operations with practical electrical, automation, control and engineered **equipment solutions**. Our team combines field execution, in-house technical design, CSA-certified panel fabrication, commissioning and lifecycle support to deliver complete systems from concept through operation.

Engineering & Design

- Electrical design support
- Control narratives and I/O review
- Drawing packages and as-built support
- Mine compliance and quality control

Panel Shop Services

- CSA-approved assemblies
- PLC, VFD and starter panels
- Switchboards and distribution panels
- Junction boxes and field panels

Automation Solutions

- PLC and HMI programming
- SCADA and remote monitoring
- Process and pump automation
- Data logging and alarming

Temporary & Permanent Power

- Custom power skids
- Distribution and protection
- Generator integration
- Licensed field electricians



IN PARTNERSHIP WITH
Schneider
Electric
OFFICIAL APM SYSTEM INTEGRATOR

Power Services delivers complete electrical and automation solutions that integrate Ketek field experience, engineering support, panel manufacturing, commissioning capability and remote monitoring technology. The examples below represent repeatable solution categories rather than a single product offering.

CONSULT

DESIGN

BUILD

PROGRAM/TEST

COMMISSION

Pump & Process Automation

- Intelligent pump skids
- Horizontal pump systems
- Chemical injection systems
- Well level, flow and pressure control

VFD & Motor Control Systems

- VFD panel design and integration
- Motor starting and protection
- Pump performance optimization
- Field troubleshooting and support

PLC, HMI & SCADA

- PLC programming and testing
- HMI graphic updates
- SCADA panels and communications
- I/O mapping and addressing documents

Intelligent Pump Control Systems (IPCS)

Ketek's [IPCS](#) provides automated control of a pumping system to maintain precise well-level or supply pressure to help extend equipment life and reduce maintenance. The IPCS modular design integrates Ketek's structural, mechanical, electrical, and instrumentation engineering capabilities. It features precise well-water level and water flow or volume controls, datalogging capabilities for operational history and compliance with approvals, standardized components for proven reliability and rapid delivery, and customizable configurations to meet specific client requirements.

- Reliable operation with long service life and minimum maintenance
- Maximize water production and minimize energy consumption
- Suitable for multiple water services, including sour water
- Operational data presented in real time
- Data logging equipment capabilities

Power Distribution & Controls

- Low to medium voltage switchboards
- Distribution panels
- Starter boxes and soft starters
- Protection and control panels

Remote Monitoring & Telemetry

- SmartTEK and IIoT integration
- Alarms, trends and data logging
- Remote visibility and operational reporting
- Fleet and equipment monitoring

Field Services & Commissioning

- Installation support
- Start-up and commissioning
- Preventive maintenance
- Emergency troubleshooting



20204 110 Avenue NW
Edmonton, AB, T5S 1X8, Canada
Tel: 780-447-5050 | Toll Free: 1-855-447-5050
info@ketek.ca | ketek.ca