

Electrical Engineering for FOOD PROCESSING



Food Processing Expertise

H2E has proven expertise with the electrical support infrastructure in Food Processing, including Power Distribution, Power Quality, and Systems Integration.



Capital Planning & Support

H2E collaborates with you in developing short and long term strategies, including budget estimates, to achieve your operational objectives.



Power Distribution

From Substation to Lighting Panels, H2E has in-house expertise to design efficient power distribution systems.



Plant Control Systems

H2E's Automation group provides integration upgrades, system designs, and networking systems.



Safety First

H2E implements a continual in-house Safety Training/Program. All H2E's employees are required to participate in the program. H2E will meet or exceed your site safety standards.



Start-Up & Commissioning

All H2E developed software and control packages are commissioned by H2E engineers on your site ensuring functionality and safety requirements.

H2E looks at your plant the way you do, with an eye to making it safer, cleaner, and more productive.

Service tailored to your needs

From the substation down to each HMI screen, we provide all your power and automation support.

Controls & Automation Engineering:

- PLC development, integration, and system upgrades
- SCADA and HMI development and upgrades
- Burner management systems
- Boiler systems
- Instrumentation design
- Production tracking systems
- Network and radio communication systems
- Panel design and fabrication
- I/O drawings

Electrical & Power Distribution Engineering:

- Power studies: arc flash, harmonics, coordination
- Plant one-lines and motor controls schematics
- Plant 480V system design, specification, and procurement
- Panel fabrication and I/O drawings
- Project analysis and ROM budgeting
- Design and drafting services

