

Electrical Engineering for WOOD PRODUCTS



Wood Products Expertise

H2E has over 25 years of supporting the Wood Products sector with expertise in sawing, resawing, edging, trimming, and planing stages.



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.



Safety Rated Systems Design

Expertise to design burner and boiler systems per NFPA 85 & 86.



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 make 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
- Instrumentation design
- Database development
- Radio communication systems
- Panel design and fabrication
- Safety system design/FMEA/HAZOP/SPOF
- I/O drawings

Electrical & Power Distribution Engineering:

- Power studies: arc flash, harmonics, coordination
- Plant one-lines and motor control schematics
- Medium and Low Voltage system design
- Panel fabrication and I/O drawings
- Project analysis and ROM budgeting
- Design and drafting services

