

# Electrical Engineering for the MINING INDUSTRY



## Mining Expertise

H2E has proven expertise in supporting all facets of mining including Surface, Underground, Milling, and Refining.



## Capital Planning & Support

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



## Power Distribution

From Substation to Low Voltage Distribution and Utilization, H2E has the unique in-house expertise to design your complete power Medium and Low Voltage systems.



## Plant Control Systems

H2E's Automation Team understands and can design an integrated plant control system from hardware controls to PLC controls, including your network communications system.



## Start-up & Commissioning

All H2E developed power, control and software engineered solutions are commissioned by H2E engineers on your site ensuring functionality and safety requirements. Our Engineers come to your site equipped with MSHA 5000-23 certification.

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

We work with you to understand your long-term vision, developing an integrated program approach to your overall success.

Service tailored to your needs

Because we've worked in all aspects of mining, we provide the support you need in:

- Extraction (smelting, plating, and floating)
- Material handling and conveyance
- Network communication design, including radio
- Mine water treatment
- Power and protective relay design for mills, crushers, and other processing equipment
- OEM Plant Integration
- Production tracking systems
- Process control design and integration

