

Tri-State Power: Craig Station, Colorado



1.5 GW Coal Fired Plant



Hydraulic system for conveyors



Hydrogen Dryer Tower Pressure

Tri-State Pilot Project Summary

Plant Sponsor: Mike Long, Tri-State Power

- Gauges Monitored for Pilot Project
- Flight conveyor hydraulic fluid pressure and temp – 2 points
- Generator breaker compressor discharge pressure – 2 points
- Hydrogen Dryer Tower Pressure – 6 points

Bill of Materials

- 10 Wireless Gauge Readers
- 5 Repeaters
- 1 Receiver/Server

Results

- Within first 2 weeks, data collected identified key asset not performing as planned, corrective measures put in place
- If not detected, problem would lead to shorter life and earlier replacement of expensive capital equipment