Coal Handling Systems
REW has Years of Experience Designing and Installing Systems

- Rotary Car Dumpers, Stacker/Reclaimers, Grab Bucket Unloaders
- Coal Conveying Systems
- Bunker Management
- Fly Ash, Bottom Ash, Ash Silos, Dewatering
- Water Treatment & Demineralizer Retrofits
- Remote Control Operation & Radio/Telemetry Equipment
- Plant Wide Control Networking with Redundant Paths
- Video Monitoring
- Cement Mixing
- Hydraulic Power Units
- Weighing and Scales
- Steel, Titanium, & Aluminum Manufacturing
- Boiler Controls
- Bag House and Dust Collection
- Waste Water Treatment
We can provide Engineering, Design and Supply for PLC Systems

both large

and small
Camera Systems
Operator Cabs
HMI Programming
Example of a Coal Yard HMI Screen
Hydraulics

Car Clamps, Luffing Systems, Train Movers, Wheel Locks
Coal Handling Improvements Offered by REW

- Redundant Communication between equipment using Radio and Fiber Optic Networks
- Remote Control of Locomotives or Stacker Reclaimers
- Upgrading older PLC’s or Relay Panels
- Replacing obsolete drives
- Gearboxes can replace chain or hydraulic drives
- HMI’s designed to operate and monitor processes
- Video Systems used to spot trains or monitor chute height
- Tripper Cable Reels and Bunker Management
Example of a Tripper Cable Reel... ...and 3 different solutions to moving Flop Gates.
Richmond Engineering Works Has Solutions In Place Throughout the Power Industry

A Partial List of Our Satisfied Customers:

- TVA
- Entergy
- AEP
- Otter Tail Power
- Xcel Energy
- Midwest Energy Resources
- Midwest Generation
- MidAmerican Energy
- First Energy
- Dairyland Power
- Western Farmers Cooperative Power
- Louisville Gas & Electric
- Alliant Energy
- Cinergy