



# **Programmable Logic Controllers**

## **Upgrading your Plant**

# **REW has Years of Experience Designing and Installing PLC 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**



# REW can provide Engineering, Design and Supply for PLC Systems

both large



and small



# Video systems can be incorporated into the PLC and HMI, thus controlling what the operator sees.





**REW can work on almost any platform - new or old.  
That includes adding on to it or upgrading.**



# Below are 2 examples of small Allen Bradley ControlLogix systems



**The System below was installed into an existing enclosure and custom backplanes were built to accommodate**





# Below photos show the before and after on the controls for an Aluminum casting pit





# **REW 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**

