

# FEEDWATER CONTROL CENTER



**The Preferred Feedwater Control Center** is based on the proven PWC manufactured by Preferred Instruments in Danbury, CT.  
The controller is NEMA 4 and U.L. listed.

## **Proper feedwater control increases overall plant efficiency and boiler longevity:**

- Ensuring consistent feedwater temperature and pressure
- Maintaining proper oxygen removal at all firing rates
- Monitoring water softener and chemical injection processes to maintain proper feedwater chemistry

## **Typical control features include:**

- Deaerator tank level control
- Surge tank level control
- Feedwater and transfer pump control; automatic lead lag, pump rotation
- Integrated pump Hand-Off-Auto switches
- Modbus, Ethernet, or Bacnet communications
- VSD control of feedwater and transfer pumps
- Steam pressure control
- Condensate and feedwater flow monitoring
- Alarm and Event Monitoring
- Trending and recording of all points
- Water softener monitoring
- Make-up water flow and pressure monitoring
- Chemical feed pump control



*The Feedwater and Deaerator Control are key components often overlooked in boiler room design.*



## TYPICAL CONTROL SCHEMATIC

