Power

Process water and wastewater product and technology offerings

1. Water Intake

- Intake screening
  - Trash rakes
  - Traveling water screens
  - Rex® modified Ristroph fish handling screens
- Chlorination systems
  - Chloropac® systems for seawater electrochlorination
  - Gas chlorination systems
  - OSEC® on-site electrolytic chlorine generation systems

2. Pretreatment

- High-rate clarification
  - CoMag® systems
- Membrane filtration
  - Vantage® ultrafiltration systems
- Media filtration
  - Vantage multimedia filtration systems
  - Vantage carbon filtration systems
- Precipitation/softening
  - Cold lime softening systems

3. Demineralization/degasification

- Ion exchange systems
  - Mixed bed deionization
  - Individual bed deionization
  - Vantage softener systems
- Reverse osmosis systems
  - Vantage single pass/double pass reverse osmosis systems
- Electrodeionization
  - Ionpure® VNX electrodeionization systems
- Degasifier systems
  - Vacuum and membrane
- Catalytic oxidation reduction systems

4. Water reclaim and reuse

- Condensate polishing
  - Fullsep™ external regeneration systems
  - Offsite resin regeneration
- Steam generation blowdown
  - Ionpure VNX electrodeionization systems
- Cooling tower blowdown
  - Memtek® microfiltration softening systems
  - Vantage reverse osmosis systems
  - Vantage ultrafiltration systems

5. Wastewater treatment

- Flue Gas Desulfurization (FGD) wastewater treatment systems
- Sludge thickening, dewatering and drying systems
- Chemical precipitation systems
- Multi-stage pH neutralization systems
- Continuous backwash filter

6. Ancillary equipment and service

- Equipment and systems
  - Clean-in-place systems
  - Integrated instrumentation and controls
  - Pumps
  - Storage tanks
- Services
  - Intake inspection and repair dive team
  - Maintenance contracts
  - Metals polishing systems
  - Mobile filtration, demineralization and reverse osmosis systems
  - Off-site resin regeneration
  - Process evaluation and optimization
  - Spare and replacements parts
- Remote monitoring
  - Link2Site® monitoring and control systems



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