

# Intelligent Water Management: Condenser Performance Monitoring

## Maintaining condenser system health is a critical aspect of plant operation.

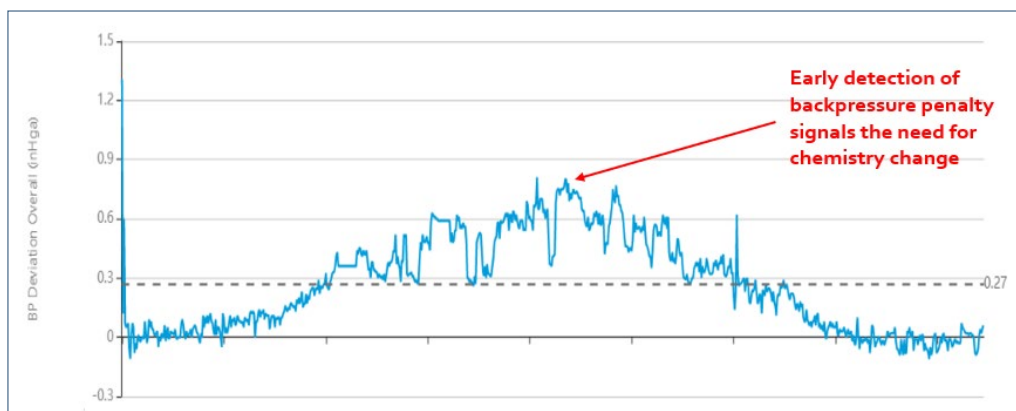
Condenser performance issues can negatively impact your heat exchange efficiency, so we developed a program that gathers, analyzes, and reports on key issues impacting the health of your condenser.

## Benefits

Our Condenser Performance Monitoring technology can help you:

- **Make system improvements**
- **Enhance plant availability**
- **Optimize production**
- **Decrease troubleshooting time**

It has helped our customers save hundreds of thousands of dollars in fuel reductions and megawatts recovered. *Results may vary.*



A chart from ChemTreat's condenser performance monitoring model indicating a condenser issue.



All sites are different; results may vary.

# Condenser Performance Monitoring Software

The ChemTreat team uses our state-of-the-art water management software, CTVista<sup>®</sup>+, to help you monitor and control your water treatment programs. CTVista+ includes a suite of intelligent tools specifically designed for condenser performance monitoring:

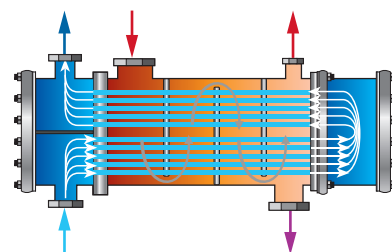
- Heat transfer monitoring
- Custom KPI charting and analysis
- Comparative charting for fast, accurate troubleshooting
- Report generation
- Troubleshooting guide

Not only does our software detect issues, but it may also identify where the issue has occurred and how to resolve it. With expert guidance from our experienced staff, it enables your water treatment team to adjust your chemical programs accordingly.



## Focused Troubleshooting

Combining results from our Condenser Performance Monitoring Program with the cooling water data captured in CTVista+, your ChemTreat team can accurately determine if there is a water-side-related issue and make appropriate water treatment program recommendations. Your ChemTreat team can work with the plant personnel to address shell-side issues as well.



## Audit Your Systems with the Help of an Experienced Local Team

Your ChemTreat water treatment team will work closely with you to audit and understand the specific needs of your system.

Our field sales engineers average 15 years of water treatment experience. They are supported by a staff of technical experts with an average of 22 years of experience.

Choosing ChemTreat enables you to partner with a highly knowledgeable team who will work tirelessly to help you achieve your facility's treatment goals.

Contact us today to request a system audit and find out how our programs can help you improve production efficiency, save fuel, and preserve equipment.

