

AVEVA® Predictive Analytics for Power Generation



To meet critical business objectives, you need performance that's smart, faster, and more precise. By leveraging the most accurate, optimized intelligence, you can lead the way. AVEVA and OSIsoft are joining forces to elevate what's possible.

Machines don't have time to fail. The modern power plant generates massive amounts of data. AVEVA Predictive Analytics turns that data into actionable insight to help avoid equipment failure and prevent inefficiencies or optimal performance.

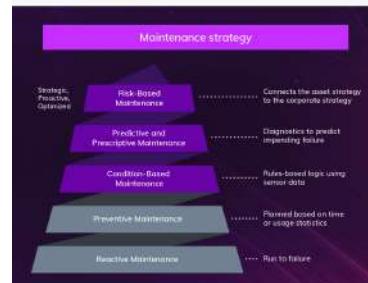
The most comprehensive predictive analytics solution for the power generation industry

Your asset reliability, performance, and sustainability are key priorities. Designed to reduce unscheduled downtime and maintenance costs, AVEVA Predictive Analytics provides early warning notification and diagnosis of equipment issues before critical operations are impacted.

"It's the holy grail if a plant manager calls you and you can say your turbine is going to fail three weeks from Friday."

Chris Haines and Deependra, Dax Energy

\$4,000,000+	avoided through early identification of power generation turbine blade damage
\$500,000+	avoided due to early identification of a motor coupling approaching failure
\$370,000+	avoided due to early warning of pump feedwater header and bypass valve problems
\$250,000+	avoided due to early warning of a bearing seal differential pressure problem



AVEVA is monitoring over 550,000 MW of power generation today.

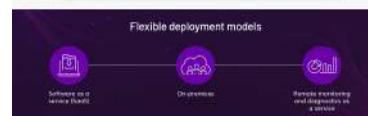


Customers leveraging OSIsoft's PI System and AVEVA Predictive Analytics have saved millions of dollars in averted asset failures and maintenance costs



The most proven path to predictive maintenance.
Accelerate time to value.

- Alerts and notifications:** Create alerts on deviation between actual values and predicted values. Manage and trend alerts by category, level, criticality, duration, and frequency.
- Rapid analytics and model development:** Models can be rapidly deployed from existing templates and validated using model playback prior to productive deployment of the predictive models.
- Accelerate rollout and time to value:** Spend less time learning and more time using. AVEVA Predictive Analytics provides a proven, efficient way to understand the physical assets, including a comprehensive prebuilt model library with more than 20K man hours of development.
- Cybersecurity:** The safety and security of your data is our top priority. As an established leader with more than 50 years experience, delivering industrial software solutions, we recognize that your data demands a stringent cybersecurity posture and the highest operational resilience.



But through the hype and noise in an industry-leading solution, AVEVA's Predictive Analytics solution is determined to deliver for leading power generation companies, with a combined power generation capacity of 550,000 MW. With proven results and a trusted software portfolio, AVEVA delivers solutions for maximum reliability and performance.

For a closer look at AVEVA's Asset Performance Management software portfolio, visit www.aveva.com/asset-performance-management-4.0