

Solvo® Online

Your power plant condition and operation monitoring tool

Solvo® Online enables comprehensive thermal reporting and offers strong support for condition and performance monitoring. Combined with Solvo O&M and Solvo Diagnostics, it forms a powerful, integrated monitoring package for any power plant. Real-time insights. Model-based precision.

WHAT IS SOLVO ONLINE?

Solvo Online calculates key thermal performance indicators for condition and operation monitoring.

- Calculation cycle is typically every 10 minutes
- Load-independent reference values for key components (e.g. gas turbines)
- Enables tracking of rapid performance changes
- Continuously compares profitability of alternative operating modes

Solvo Online is typically integrated into plant information systems such as NG Nordic's TOPi, but it can be connected to any automation system.

It does not include visualisation or anomaly detection itself but provides the necessary inputs for tools such as NG Nordic's TOPi or Solvo Diagnostics.

Model-based calculations use an intuitive graphical interface, powered by Finland's leading power plant simulation engine – Solvo.

WHO IS SOLVO ONLINE FOR?

- All types of power plants
- Industrial sites such as refineries, electrolysis and hydrogen facilities

HOW COULD YOU BENEFIT?

- Fast and accurate KPI calculation
- Benefit from a model-based system – no coding required
- Compare current performance to expected values in real time
- Detect anomalies and take timely action (e.g. soot blowing, online washing)
- Use the current or historical plant state as input for Solvo O&M

A TOOL FOR MAINTAINING AND INCREASING POWER PLANT PERFORMANCE

- Training package provided at commissioning – tailored to your plant and use case
- Reliable software under continuous development
- Backed by expert-level customer support to ensure your success