

THERMALWATCH[™] for Thermal Systems

Maximize sustainability and performance in the subfab with **THERMALWATCH**[™] sub fab analytics. Our Sub Fab Analytics Program is designed to provide visibility and enable proactive intervention in the sub-fab by collecting and analyzing data from thermal systems, enabling you to detect issues that could lead to unplanned downtime, and improve overall efficiency of systems in the subfab.

We aim to transform data into actionable information, delivering value propositions that increase uptime, yield, reduce cost, variation, risk, and improve performance. Our goal is to securely integrate and manage thermal system data, providing expert analysis to transform it into meaningful information that enables you to optimize your processes and maximize return on investment.

With **THERMALWATCH**, you're not just accessing data; you're accessing solutions.

What will Watlow[®] deliver?

- Review and analysis of the data conducted by a data scientist and thermal system expert
- Comprehensive monthly thermal system report showing time series graphics, statistical data, anomalies and an executive summary including insights and recommendations for system improvement
- Collaborative touchpoints, engineer-to-engineer, to review the data and develop context

What data will be analyzed?

We collect Watlow controller data including temperatures, setpoints, power, and electrical data. We also install and monitor additional temperature sensing points at critical locations.

How will the data be collected?

Data will be collected using a monitoring kit that connects to the Watlow control box. This kit contains a gateway device that will pull the desired data from the controllers via Modbus[®] TCP/Modbus[®] RTU. Data file sharing may be automated or manual.

Smart Services



Utilize data from connected products in the field to improve our customer's performance and efficiency.

