# Meter Temperature Monitoring

## Operations Optimizer

**IDENTIFY AND PREDICT UNSAFE TEMPERATURE CONDITIONS AT METERS.**

High-meter temperatures can be caused by meter jaw problems, micro arcing and other potential safety issues with customers' meter sockets. With the Itron Operations Optimizer (OO) Meter Temperature Monitoring module, you can find potential meter temperature problems before they become a safety issue or create an unplanned outage.

### Benefits

The Itron Meter Temperature Monitoring module helps you manage meter temperature issues in a structured and intelligent manner.

» Increase safety for customers and utility personnel, including addressing issues that may cause fire.

» Reduce O&M costs in a proactive manner instead of reacting to safety or outage events.

## Features

The Itron Meter Temperature Monitoring module offers analysis tools and workflow for detecting and resolving meter high temperature issues.

» Identify meters reporting over a configurable threshold using meter event data or C12.19 interval reads.

» Assess the temperature history of the meter via statistics.

» Send email alerts for meter temperature readings.

» Identify meters that have failed to report temperature readings.

» Create automated or manual field service orders.



Peak Temperature Distribution: Distribution of peak temperatures across the population of meters at a utility.

## OPERATIONS OPTIMIZER

Operations Optimizer is used to integrate data from multiple sources and leverage big data technologies to maximize analytic performance and support various outcomes. Leading utilities count on data-driven insights from Operations Optimizer in their daily operations. Operations Optimizer is used by utilities around the globe and analyzes data from over 40 million gas and electricity meters, in both AMI and legacy environments, at more than 30 utilities. Operations Optimizer supports many outcomes such as AMI Operations, Network Operations, Revenue Assurance and Meter Temperature Monitoring. Operations Optimizer is available as a hosted solution and is integrated with Microsoft® Azure.
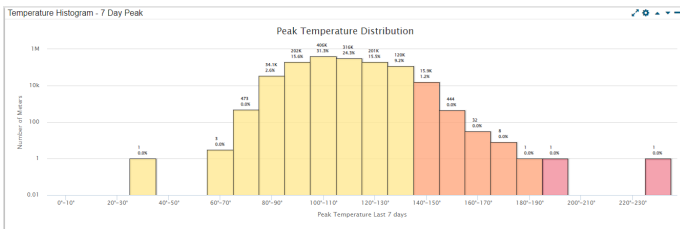




Effect of high-temperature meter conditions

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