



# Active Temperature Monitoring

## Distributed Intelligence

Identify potential meter jaw problems before they create a safety hazard or cause an unplanned outage

Meter temperature threshold alarms are commonplace with AMI. Utilities receive thousands of these alarms per month, making the alarm essentially useless. No utility can sift through all those alarms to find pending temperature issues.

With Itron's Active Temperature Monitoring distributed intelligence application, your utility distribution engineers can find potential meter jaw problems *before* they create a safety hazard or cause an unplanned outage. By using temperature readings from the meter correlated with load, weather, meter location, meter orientation and radio usage (all of which generate heat), active temperature

monitoring can accurately predict meter jaw problems, micro-arcing and other potential safety issues with customers' meter sockets. This method is also significantly more accurate than using meter temperature threshold alarms generated in the meter.

By distributing Active Temperature Monitoring on a wide scale in your distribution network, you can significantly reduce network traffic to events that are relevant and need attention. Additionally, you can lower your O&M costs in a proactive manner instead reacting to a safety or outage event.

Using Active Temperature Monitoring's reporting capabilities charts displays temperature trends for at-risk meters...

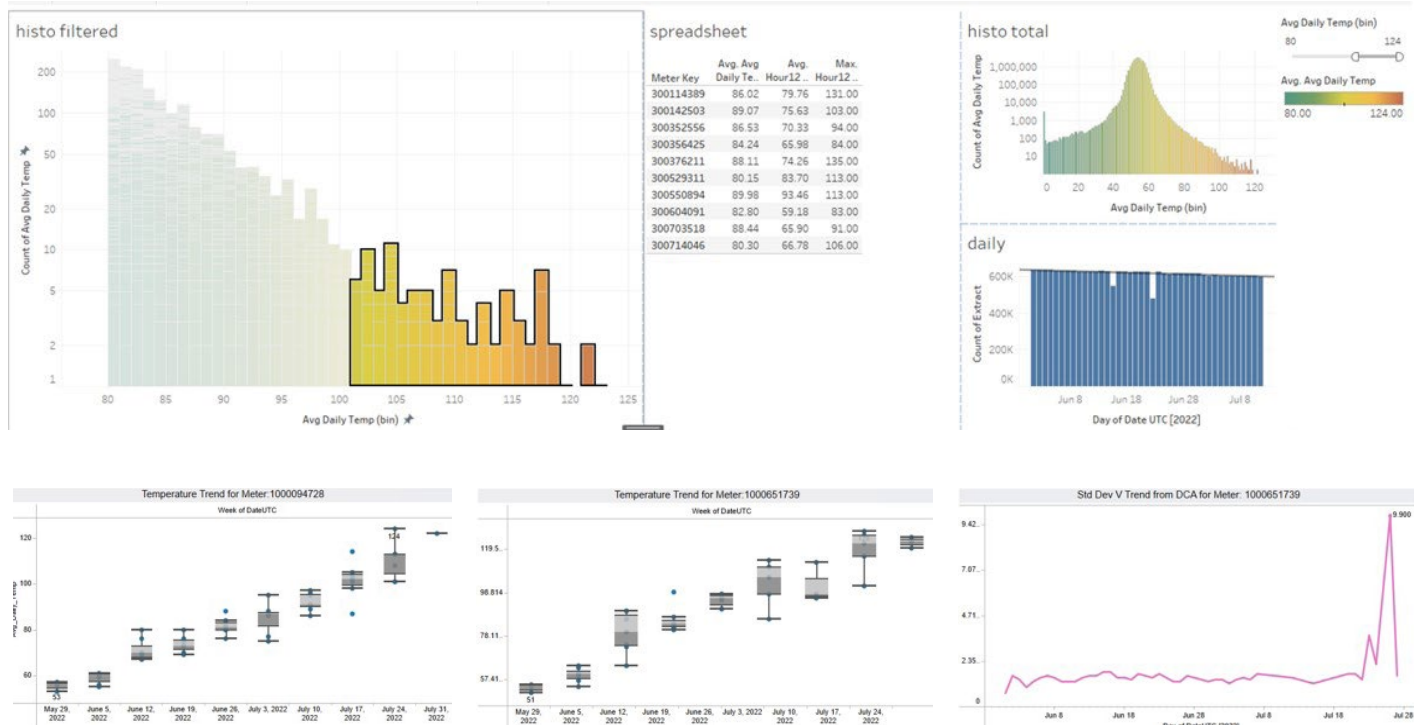


Figure 1 - Meter Temperature Charts

...which become the meter safety issues below.





With Active Temperature Monitoring, you can reduce your unplanned outage times, lower your O&M costs, increase safety for your customers and your personnel, and make high-temperature alarms relevant to your grid's reliability and safety.



Join us in creating a more **resourceful world**.  
To learn more visit **[itron.com](https://www.itron.com)**

While Itron strives to make the content of its marketing materials as timely and accurate as possible, Itron makes no claims, promises, or guarantees about the accuracy, completeness, or adequacy of, and expressly disclaims liability for errors and omissions in, such materials. No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, and fitness for a particular purpose, is given with respect to the content of these marketing materials. © Copyright 2022 Itron. All rights reserved. **101997BR-01 12/22**

**CORPORATE HQ**

2111 North Molter Road  
Liberty Lake, WA 99019 USA

**Phone:** 1.800.635.5461

**Fax:** 1.509.891.3355