

TESCO METERING

# TESCO NIGHTHAWK FEEDBACK & ROADMAP TESCOOL 2025

*TESCO's Meter School*  
**TESCOOL**  
*July 20-23, 2025*

*July 22, 2025*  
8:45 AM – 10:15 AM  
Tom Lawton / John Scott / Dan Falcone

## TESCO Nighthawk:

- How is your utility using the Nighthawk / Adaptiv solution?
  - Billing Data, Connect / Disconnect, Outage Modeling, Alarming, Analytics, Planning
- Is it meeting your expectations and your needs?
  - What would you like to see more of? Less of?
- Are your requests for support being met?
  - How do you engage for support?
  - Is the response adequate and timely?

## TESCO Nighthawk:

- What has been the impact on customer service?
  - Improvement from access to meter information>
- Do all cross functional teams extract the value expected?
  - IE Billing, Metering, Operations, Etc.
- Has there been a reduction in operational costs between the automated reads, connects / disconnects, alarms, and outage information?
  - Reduction in truck rolls? Ability for operational crews to complete other work?

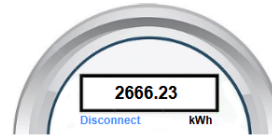
## TESCO Nighthawk:

- Are there key features you would like to see developed or enhanced?
  - Do you have a solution already in place?
  - How would you use such a solution?
- What are some of the pain points related to Smart Grid and AMI that you would like to see addressed?
  - Analytics Offerings?
  - AI implementation and support?
  - Interoperability to other systems – Asset Management, AMI Solutions, Analytics as a Service?

## System Enhancements:

- Billing Schedule Exports
- Voltage Intervals for kV2c Commercial Meters
- User Audits
- Batch Disconnects
- Advanced Connect / Disconnect Security
- Expanded Device Search Capabilities
- FeederID Mapping
- Transformer Mapping
- Scheduled Read Jobs
  - Demand Reset, On Demand Read
- Over the Air (OTA) Programming

### Last Read



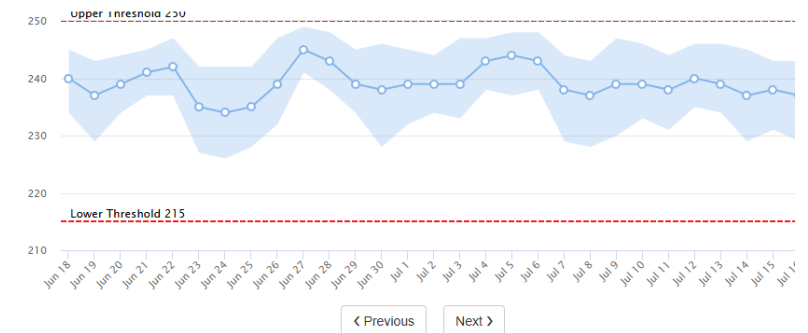
Utility:	Electric
Multiplier:	1
Radio Type:	Nighthawk
Serial Number:	LL043024001403681
Meter Number:	86534110
Meter Form Factor:	02
Firmware Version:	3.70
Meter Status:	Installed

### Meter Activity

☐ Interval
 ☒ Daily
 ☐ Monthly
 ☐ Yearly

☒ Consumption
 ☐ Voltage
 ☐ Outage
 ☐ Device Map

#### Daily Voltage Summary



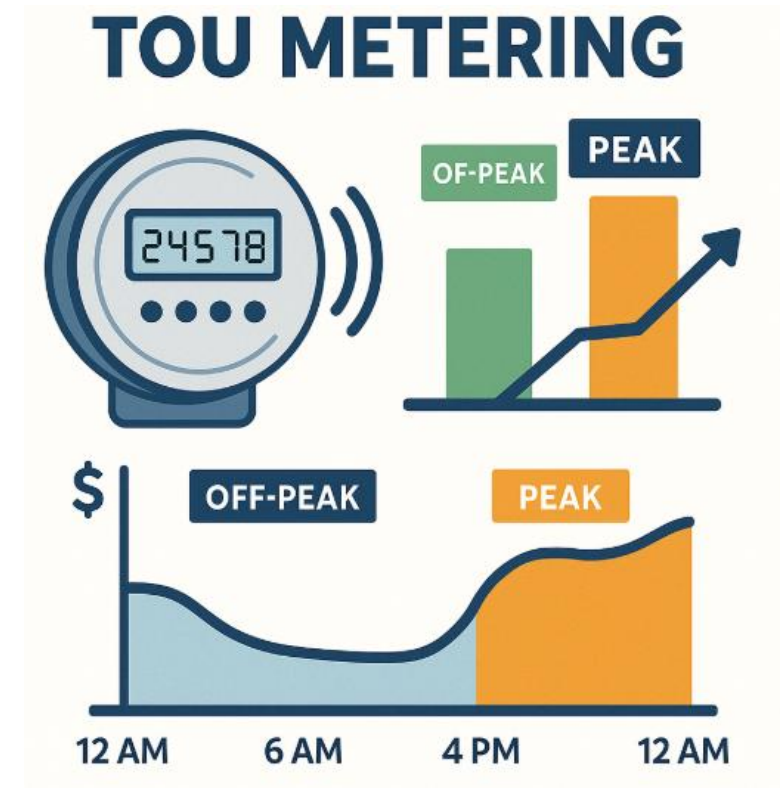
## Technology and Endpoint Enhancements:

- Cell Carrier Agnostic Technology
  - 1NCE and Monogoto Sim Cards
- DirectConnect Metering Solution
  - Utilizing Cellular technology to integrate with existing MV-90 utility management systems
- ERT Antenna Enhancement
  - Range extension and sensitivity for TESCO ERT Collector meters
- Integration with Landis & Gyr Meters



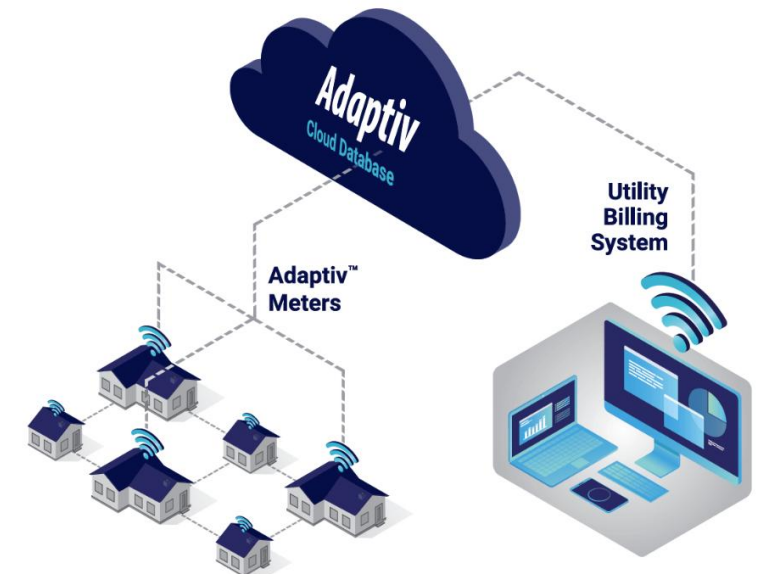
## New Features:

- Time of Use Metering (TOU)
  - Via Metrology and Adaptive Headend
- Real Time Notifications
  - Hot Socket
  - Voltage Sag & Swell
  - Email & SMS Alerting
- Advanced Voltage Monitoring
- Distributed Intelligence and Grid Edge Computing
- Power Quality Reads and Site Monitoring
- Loss of Neutral Detection
- Enhanced Hot Socket and Auto-Shut Off
- Analytics as a service
- Meter engineering as a service



## Interoperability:

- TESCO Meter Manager & TESCO TDM
  - Ability to capture data from field and shop and generate customer reports
    - Asset and Inventory management for water / electric / gas meters, rubber goods, CTs, PTs, etc.
    - PPE Management
    - Field Service Management
    - In service, statistical, periodic, & new purchase sampling
  - Analytics on data from AMI head end, shop, and field
  - AMI Solution Platform for utilities
- DA and SCADA Systems
- DNP3 protocol
- Enhanced APIs for utility systems
  - GIS, OMS, CIS, Cyme, DERMS





Suggestions from the group for other items needed for metering and AMI Solutions?



Please Take a Few  
Minutes To Provide  
Feedback About The  
Course & Instructor

Track 5 - RoundTable Feedback to  
TESCO and NH Roadmap 72225  
10:30AM Lawton/Falcone/Scott

