

> TRUTRACK™

TRANSFORMER MONITORING & THEFT PROTECTION

A TUNET® APPLICATION



WHAT IS TRUTRACK?

TRUTrack is a high accuracy electric transformer metering and monitoring device designed for public power municipal and cooperative utilities to quickly and cost-effectively address issues such as energy diversion and theft, tampering, and asset management optimization. It is a rugged, outdoor-rated and meter vendor-agnostic solution that can be installed by utility metering personnel in minutes and can be integrated with industry-leading MDM systems. TRUTrack can help utilities take full advantage of their AMI investments to save money, curb energy theft, and improve customer service.

FEATURES & BENEFITS OF TRUTRACK

TUNet empowers utilities to take full advantage of their current infrastructure by allowing the system to work smarter.

- ✓ Rugged, outdoor-rated; lightweight, clamp-on design eliminates need for additional power source
- ✓ ANSI standard easy install socket; simple, 20 minute installation
- ✓ No power service interruption required during installation
- ✓ Use with ANY smart meter (4S/9S)
- ✓ Monitors load vs transformer capacity
- ✓ Proactively detects and alerts utility of overloaded transformers, reduces number of outages
- ✓ Can be used as a bellwether meter for voltage management
- ✓ Enables highly accurate line loss analysis

TRUTRACK HELPS UTILITIES IN 3 WAYS:

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1. THEFT DETECTION

Proactively pinpoint and report true power theft versus other non-technical line losses

2. ASSET MONITORING

Protect and maximize utilization of field distribution transformer assets through real-time load monitoring. Easily and visually "right-size" distribution equipment.

3. POWER QUALITY MANAGEMENT

Detects and reports irregularities and system events in power quality including blinks, outages, and restorations.

Revenue losses due to energy theft in the US top

\$6B /year¹

Product Specifications

- Voltage insulation class: 300 V
- Voltage output: 120 V
- Accuracy: < 1.0% from 10%-200% of rated current
- Burden: B 0. 1Ω
- Frequency: 50/60 Hz
- Insulating materials: outdoor application thermoplastic housing
- Dimensions: 4.25"L x 2.60"W x 2.80"H
- Inner diameter: 0.68"
- Embedded cable length: 7"
- Weight: 1.35 lbs (includes cable)
- Temperature range: -50°C to 70°C
- Accepts any 4S (single phase) or 9S (three phase) meter

“87% of US distribution infrastructure lacks the automation necessary to fully optimize profitability for utilities.”



Tantalus

Tomorrow's Smart Grid. Today.

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