



TESCO METERING

BPTM: BACKUP POWER TRANSFER METER

Power Outages Happen –
Be Ready with BPTM

RELIABLE BACKUP POWER
FOR MODERN UTILITY NEEDS

KEY FEATURES & BENEFITS:

Utility-Focused Deployment

- Designed for electric utilities looking to provide backup power solutions to customers.
- Supports rapid deployment with scalable installation options.

Seamless Smart Grid Integration

- Fully compatible with SmartMeter systems for streamlined deployment and monitoring.
- Ensures a safe and reliable backup power connection without requiring complex wiring.

Universal Backup Power Compatibility

- Supports over 400 generator models, including major brands.
- Works with portable generators, battery storage systems, and select EVs (e.g., Ford F-150 Lightning).

Enhanced Safety & Reliability

- Built-in universal adapter allows customers to safely connect off-the-shelf backup power sources.
- Provides a fail-safe connection to prevent accidental backfeeding into the grid.

Optimized for Emergency Preparedness

- Helps mitigate the impact of outages in high-risk areas, including fire-prone zones & EPSS-affected regions.
- Ideal for residential homes, emergency responders, and critical facilities.



The **TESCO Backup Power Transfer Meter (BPTM)** is an innovative solution designed to provide **safe, simple, and efficient backup power connectivity** for customers during power outages. Seamlessly integrating into smart metering systems, the BPTM enables electric utility companies to enhance service reliability and support their customers' growing energy resilience needs.

POWER WHEN YOU NEED IT, SAFETY YOU CAN TRUST.

Why Choose the BPTM?

Faster & Easier Installation

- Utility-installed in **~45 minutes** with **minimal outage time**
- No need for additional **wiring, sub-panels, or manual breaker toggling**
- Directly integrates with the **meter socket**—no extra equipment needed

Cost Savings & Utility Integration

- **Significantly cheaper** than a manual transfer switch installation (which can cost **\$10,000+**)
- Can be **offered through utilities** to improve customer satisfaction in high-outage regions
- Helps utilities **streamline asset tracking** and reduce long-term service costs

Automatic Power Switching & Enhanced Safety

- **Prevents dangerous backfeeding** using the **meter's internal disconnect switch**
- **Flashes home lights** when utility power is restored, signaling the homeowner to shut down the generator
- Built-in **LED indicators** provide **clear status updates** on power sources

Proven Success with PG&E

- Successfully deployed in **wildfire-prone areas** to improve backup power reliability
- Reduced customer downtime, improved satisfaction, and made generator use easier
- One customer reported that **explaining how to start the generator took longer than installing the BPTM**

BPTM outperforms traditional transfer switches by offering **automatic operation, lower cost, greater safety, and seamless integration.**

BPTM vs. Traditional Transfer Switches

Feature	BPTM	Manual Transfer Switch
Installation Time	~45 minutes	Several hours
Installation Cost	Low	\$1,000 – \$10,000+
Automatic Power Switching	✔ Yes	✘ No (manual)
Backfeed Protection	✔ Yes	✔ Yes
Whole-Home Power Access	✔ Yes	✘ No (only selected circuits)
Utility Integration	✔ Yes	✘ No

The **BPTM outperforms traditional transfer switches** by offering **automatic operation, lower cost, greater safety, and seamless integration**—making it the **best choice for utilities and homeowners alike.**