

Southern Utility Services Offers an Innovative Solution for a Common Problem



Today's trend is away from switchboard (panel mount) meters to socket only metering. Many utilities have already standardized on socket meters, taking advantage of lower costs and simplified maintenance. But how can upgrades to existing equipment be done cost-effectively? Can upgrades be done without power interruption to the customer? Is there a universal retrofit kit to replace various switchboards meters with a single panel adapter?

Southern Utility Services, Inc. (SUSI) has a comprehensive solution. SUSI manufactures patented panel adapters for all types of socket meters. These panel adapters provide a low-cost way of converting an antiquated switchboard meter to a lower-cost socket metering system.

SUSI offers a complete line of panel adapters for virtually any application - new or existing. These unique products allow the user to replace an existing panel mount (switchboard) meter with a new electronic socket meter of their choice. Not only are these adapters cost-effective and easy to install, the user will also gain the added advantages of a standard socket interface for future upgrades and simplified maintenance. The complete family of panel adapters can provide the utility or its customer a billing grade socket meter in virtually all switchboard applications.

BENEFITS OF THE SUSI SOLUTION

- ▶ Take advantage of lower cost and simplified maintenance of socket meters.
- ▶ Perfect for retrofitting an existing switchboard meter.
- ▶ Can also be used in new installations.
- ▶ Easy and fast installation.
- ▶ Designed and manufactured to fit into meter configurations for all major manufacturers including GE, Westinghouse/ABB, Landis & Gyr (Siemens), Schlumberger and Ametek (JEM).
- ▶ Three product families of panel adapters are available to suit any application.

COST-EFFECTIVE

- ▶ Enables the use of a lower cost socket meter.
- ▶ Reduces ongoing maintenance costs.
- ▶ Eliminates the need to stock more than one type of metering package.
- ▶ Reduces meter and spare part inventory.
- ▶ Easy installation means lower labor costs.

EASY INSTALLATION

- ▶ Requires no changes to the substation steel panel or existing cut out.
- ▶ Simply remove the old meter from the existing switchboard and replace it with the SUSI panel adapter.
- ▶ Once panel is installed, plug in socket meter of choice.
- ▶ No cutting or drilling required.
- ▶ Expert technical support available.

FLEXIBLE

- ▶ Ability to easily change meters or manufacturers at any time.
- ▶ Many models in stock and available for quick delivery.
- ▶ Many options are available including KYX output, auxiliary power, and test switch plates.
- ▶ Customizations are also available.

VERSATILE

SUSI offers 3 versions of the panel adapters and many options that can be configured to fit any standard metering application:

Retrofit Panel Adapters

- Easiest installation – no wiring or shutting off power is needed.
- Retrofits into existing large or small switchboard/panel meter cases.
- Retrofits available for most major manufacturers' meters.
- Especially good for applications where there are very old meters, asbestos wiring or very tightly regulated installations.

Flush Mount Panel Adapters

- For new or existing metering applications.
- Meter installs flush with panel.
- Innovative “user-adjustable length” feature that allows for desired positioning at time of installation.
- Meter can be removed from front or back of panel.

Surface Mount Panel Adapters

- For new or existing metering applications.
- Allows user to install any standard socket meter from the front of the panel.
- Provides easiest access for removal or installation of meters.
- Very small profile for use in tight spaces.



Typical switchboard (panel) meter



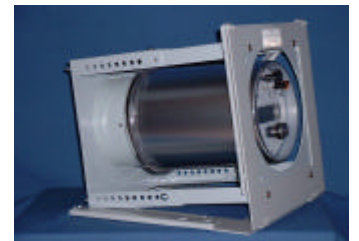
Retrofit Adapter installed



Retrofit with meter installed



Fully Expanded Flush Mount Adapter



Flush Mount Adapter in demo panel



Surface Mount Adapter installed



Surface Mount with meter installed

For more information on any of our products please visit our Web site at www.SouthernUtility.com or contact your local distributor or sales representative. Southern Utility Services, Inc. 770-448-6810. Sales@SouthernUtility.com

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