

## Smart Meters

# Accuracy

Your new smart meter is highly accurate. The technology being implemented has been rigorously tested and proven by manufacturers to be accurate, safe, and secure in systems throughout the country.

Just like the old meters, smart meters measure energy use in order to accurately bill you. Here's the difference: Smart meters allow utilities to automatically perform an otherwise manual process while giving you more frequent and detailed information about how much energy you use. This information can help you take more control over your energy use – and your monthly bill.

### **Strict Standards**

- ◆ Smart meters are subject to strict design standards when they are manufactured and are rigorously tested for accuracy even before they leave the manufacturing plant.
- ◆ Smart meters must meet stringent requirements for accuracy, which are developed by the American National Standards Institute. National Institute of Standards and Technology-certified test equipment is also required to verify both initial and continuing smart meter accuracy.

### **Testing**

- ◆ In accordance with regulatory requirements, we conduct sample random testing on all new meter shipments prior to installing them at an actual home or business.
- ◆ And we continue to monitor our smart meters after installation by conducting routine and/or periodic sample testing to ensure our metering systems are accurate.

### **Extensive Data Validation**

- ◆ The technology systems that support smart meters also have strict standards and extensive data validation processes to protect the accuracy of your billing records.
- ◆ Data collected from a smart meter and transmitted wirelessly contains specific, unique identifiers associated with the customer's meter number. This identifier is validated numerous times to ensure accuracy before the data is used for billing.