

focus On



Smart Texas

Mobile Experience Center

A Word From...

Jim Greer
*Senior Vice President of Asset
Management & Engineering*



We always talk about how we do things bigger here in Texas, and our roll-out of advanced meters will be no different. This deployment is a giant step forward to transform Texas' electric transmission and distribution network

into the most technologically advanced grid in the nation by 2012, which should lead to significant emissions reductions and economic benefits to consumers.

For so long we've been preaching an energy efficiency message and asking consumers to control their energy consumption but it was like we gave them a car with no speedometer. How can you slow it down if you have no idea how fast you're going? Well, the existing meter outside your home has been around since before the rotary phone and the time has come to harness the power of technology so that all Texans can be smart about their energy consumption.

We hope you will embrace this new tool as a way to rethink the energy you use and start to play a more active role in moderating your consumption.

We realize that in order to embrace this new tool, you need to learn about its capabilities and how our technology investment works. This is why we are bringing learning opportunities through our Smart Texas Mobile Experience Center to the people we serve in the communities in which they live. This is the first time in the nation that a utility company has brought the Advanced Meter education experience directly to the community. We want our customers and communities to know how important they are to this initiative.



Rethinking Energy *with* Advanced Meters

Think about the energy you use to cool your home in the hot Texas summer, or to catch up on laundry on the weekends, or to run the dishwasher repeatedly to keep up with the seemingly endless stream of dirty dishes. How much energy are you using to run your home and are there ways to reduce your consumption and still do the things you need to do to live comfortably?

Until now, the outside meter with its spinning wheels and small print was the only indication of how you were consuming energy and most consumers didn't have the slightest idea what the meter was telling them.

With a recent announcement about advanced, automated meters, Oncor and Landis+Gyr will transform Texas' electric transmission and distribution network into the most technologically advanced grid in the nation by 2012, which will lead to significant emissions reductions and economic benefits to consumers.

At the center of this transformation is an advanced meter created by Landis+Gyr and customized for the Texas market allowing our state to put the power of energy efficiency in the hands of our residents. Similar to the way you can see the temperature on a thermostat and adjust it

up or down, the new advanced meters will enable you to see your energy consumption and adjust it. In fact, eventually your Advanced Meter will be able to "talk" to your appliances inside your home.

You'll be hearing more about these advanced meters as the two companies – Oncor, your electric delivery provider and the company that keeps your lights on, and Landis+Gyr, the manufacturer of the advanced meters – take the Smart Texas Mobile Experience Center to your community.

The Mobile Experience Center features 1,000 square feet of interactive videos and real-world demonstrations including one featuring the state's Power to Choose initiative. The exhibits allow customers to see first-hand how to use the new meters that will be installed as well as how to choose a Retail Provider to maximize the savings opportunities.

The trailer will be brought to hundreds of cities across the Oncor service territory to ensure all of its customers have a chance to learn more about the new meters and their potential.



POWER *to the* PEOPLE



Landis+Gyr's advanced meter that will be installed in Texas features the capability for consumers to see electricity usage in 15-minute increments and identify where and how you can reduce your demand, similar to an electric "speedometer". With the purchase of additional equipment that will be made available from Retail Electric Providers, consumers also will be able to manage electricity usage based on environmental parameters or cost limits.

As you start to hear about and see these new meters in your community, you may also hear some terminology that is new to you. Below are a few terms that are important to understanding how this technology works to allow you to be more energy efficient.

Advanced Metering	A meter which includes a two-way communication capability that provides interval data at hourly or better resolution.
Advanced Metering Infrastructure (AMI)	The two-way fixed network and associated systems that enable near real time communication to and from advanced metering.
Power Line Carrier (PLC)	A communication technique that uses utility powerlines as a transport medium.
Two-way	In reference to communication technology, a system that enables communication to and from endpoints and the host system. Two-way enables verification, configuration, and upgradeability of network devices and endpoints.
ecoMeter™	The ecoMeter™ is a consumer monitor that installs easily anywhere in the home and displays electric usage to engage consumers in energy management and demand response.



Stepping Into The Energy Zone

The Mobile Consumer Experience you'll see in your community is organized into five "experience zones" that allow you to interact and experience first-hand how the new advanced meters work and what they will allow you to do.

Here's a summary of the zones to highlight what you'll learn in each area of the trailer:

Zone #1: The company that keeps your lights on; learn about Oncor and how we deliver electricity across Texas through 100,000+ miles of power lines

Zone #2: Understand your energy consumption; an introduction to the advanced meters and how they can act as a "speedometer" for your home to track your rate of energy usage

Zone #3: Test your energy IQ with typical household appliances and see which areas of your house use the most energy

Zone #4: See the future of a Smart Texas because of advanced technology in meters

Zone #5: Learn the environmental benefits of smart energy consumption

FOR MORE INFORMATION

Visit our Web site to learn more about how this new technology works and ways we are improving safety, reliability, service, and air quality for our customers.

www.oncor.com/smarttexas