

CCET's Demand Response Pilot Project

In the fall of 2007, the Center for the Commercialization of Electric Technologies (CCET), two CCET utility members, CenterPoint Energy and Oncor Electric Delivery (Oncor) and three retail electric providers, TXU Energy, Reliant Energy and Direct Energy will begin a two-year demand response pilot project (Pilot) in the Oncor and CENTERPOINT ENERGY service areas. A third CCET utility member, American Electric Power (AEP) will participate in the Pilot by contributing to the funding and participating in the management of the Pilot. Another CCET member, Austin Energy (AE), has an ongoing demand response project and will coordinate and share information from their project with others in the CCET project.

The three CCET member retail electric providers, TXU Energy, Direct Energy and Reliant Energy, will market the pilot to approximately 1,000 of their customers, 500 each in the Oncor and CENTERPOINT ENERGY service areas who have broadband-enabled meters.

Basics of the Demand Response (DR) Pilot

- **Approved for CCET funding at February 21, 2007 Board Meeting**
- **Residential Sector**
- **500 Participants in Dallas & Houston (Oncor and CNP Service Areas)**
- **Planned during the spring and summer for rollout in the fall of 2007 and continuing through the 2008 summer season**
- **Incentives offered by Retail Electric Providers**
- **Enabled by BPL and Advanced Meter Deployment**
- **Measurement and verification of demand reduction**
- **As if Settled by ERCOT to Enable Transactions for Future DR Programs**

Purpose

- **Conduct a pilot to shift residential electric load off the daily peak**
 - **Using advanced metering infrastructure and BPL communications**
 - **Measure the load reduction according to ERCOT specifications**
 - **Provide results to customer, Pilot participants and the market**
- **Gauge customer reactions and acceptance**
- **Develop experience among market participants for residential demand response**
 - **TDU's – Transmission & Distribution Utilities**
 - **REPs – Retail Electric Providers**
 - **ERCOT**