

events

Consumer Portal Applications Workshop

Program: IntelliGrid Architecture

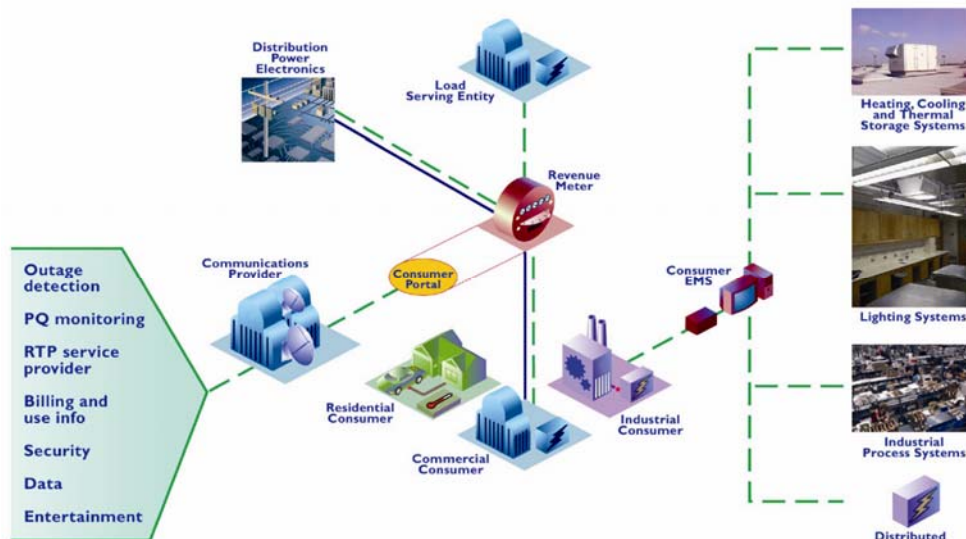
What Does the Consumer Portal Project Allow for:

- Define utility and consumer applications for the consumer portal and provide use cases for these applications
- Allow specification of systems that will be flexible and expandable to accommodate future applications
- Foster interoperability and open systems to facilitate development of advanced applications
- Engage stakeholders to create a consensus on the requirements definitions.
- Demonstrate the feasibility and performance of systems that meet these requirements.
- Move these requirements into the standards process to enhance the applications in the market.

Objectives of the Workshop

- Introduce utility distribution applications and benefits for consumer portal concepts
- Characterize the role of the IntelliGrid Architecture in achieving these benefits
- Describe existing utility initiatives that can benefit from the consumer portal concepts
- Help set priorities for the consumer portal reference design and standards development

May 17, 2005
TXU Electric Delivery Headquarters
Dallas, TX



April 2005

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WORKSHOP REGISTRATION

Consumer Portal Applications Workshop, May 17, 2005, Dallas, TX (E221573)

To register for this workshop, please complete the attached form and email to consumerportal@epri.com. For any questions regarding registration or logistics, please contact Marsha Grossman via email at mgrossma@epri.com or at 650.855.2899.

Name _____

Title/Department _____

Organization _____

Address _____

City/State/Zip _____

Phone _____ Fax _____

E-mail address _____

Topics

1. Intelligent Architecture and the Consumer Portal
 - a. Background on Architecture
 - b. Consumer Portal Concepts
 - c. Business Case
2. Applications for the Consumer Portal
 - a. AMR
 - b. Dynamic pricing/demand response
 - c. Outage detection/management
 - d. Characterizing loads, load model development
 - e. Verification of distribution, planning and engineering models
 - f. Distribution voltage profile studies
 - g. Power quality management and information services (harmonics, voltage variations, regulation, etc.)
 - h. Integration with distribution automation
 - i. Distribution state estimator/distribution system performance assessments
3. The Role of Standards and Standards Organizations for the Consumer Portal
 - a. ANSI
 - b. COSEM
 - c. IEC 61850
 - d. CIM
 - e. ASHRAE/BACNET
 - f. Others
4. Examples of Existing Projects
 - a. California (OpenAMI and Advanced Metering Initiative)
 - b. EdF—IP Meter specification development
 - c. TXU (AMR, Distribution Applications)
 - d. Ontario (Advanced Metering)
 - e. Public Service Electric and Gas (Residential Demand Response)
 - f. Con Edison (BPL)
 - g. PJM (ISO perspective on need for a consumer portal)
5. Review of the Telecom Technology Assessment
 - a. Physical communication technology alternatives
 - b. Networking protocols
 - c. Power industry communication protocols
 - d. Security issues
 - e. Information models

6. Discussion of Important Issues for Reference Design
 - a. Information model
 - b. Network management
 - c. Systems Integration, Information Management
 - d. Security

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Workshop Logistics

The meeting will be hosted by TXU Electric Delivery at their headquarters, located at Lincoln Plaza, 500 N. Akard, Dallas, TX. The following hotels offer a special TXU corporate rate:

Fairmont Hotel
1717 N. Akard Street
Dallas, TX
Phone: 214.720.2020
Rate: \$130 per night
The Fairmont Hotel is the closest to TXU Electric Delivery Headquarters at Lincoln Plaza.

Adams Mark Hotel
400 N. Olive Street
Dallas, TX
Phone: 214.922.8000
Rate: \$109 per night

Westin City Center Hotel
650 N. Pearl Street
Dallas, TX
Phone: 214.979.9000
Rate: \$119 per night
Valet parking: \$10

Magnolia Hotel
1401 Commerce Street
Dallas, TX
Phone: 214.915.6500
Rate: \$119 per night

Hampton Inn
1015 Elm Street
Dallas, TX
Phone: 214.742.5678
Rate: \$79 per night