

Smart Metering Implementation Update

ERCOT Board of Directors Meeting

Christine Wright

Public Utility Commission of Texas

Tuesday, September 15, 2009





Texas Policy

HB 2129 (79th R)

“In recognition that ...new metering and meter information technologies, have the potential to increase the reliability of the regional electrical network, encourage dynamic pricing and demand response, make better use of transmission and generation assets, and provide more choices for consumers, the legislature encourages the adoption of these technologies by electric utilities in this state.”



Texas Policy

Passage of HB 2129

- Permits utilities to recover costs through a surcharge (ERCOT & non-ERCOT utilities)
 - Recover costs of deploying advanced meters to residential and non-residential customers (non-IDR)
- Requires reports from the Commission by September 30, every even numbered year
- By September 30, 2010, any recommendations for legislation the PUC may consider appropriate shall be included in the report

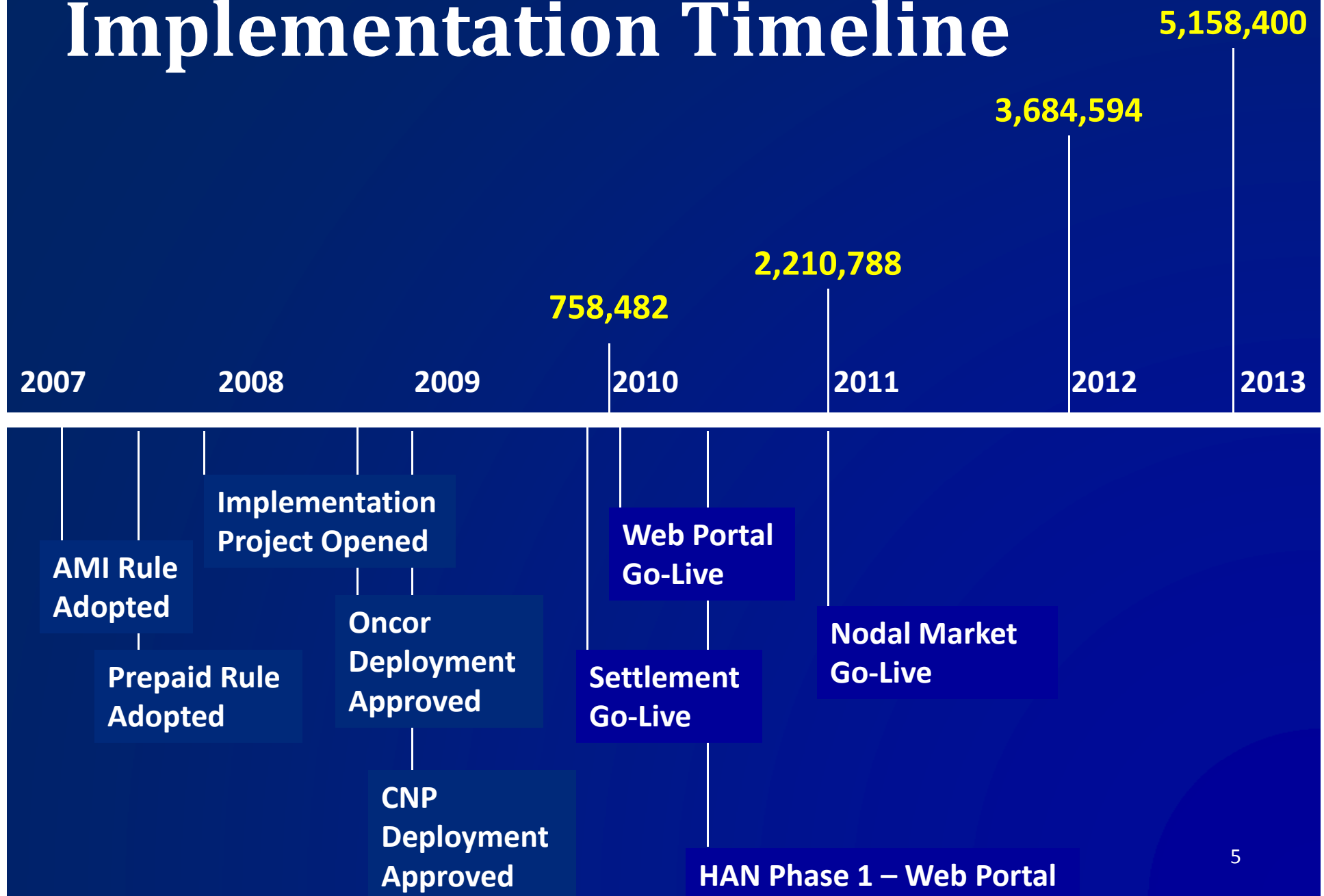


Texas Policy

Passage of HB 3693 (80th R)

- Expressed the intent of the legislature that net metering and “advanced meter data networks be deployed as rapidly as possible.”

Implementation Timeline





Deployment Status





Deployment Status

- **AEP**
 - Docket No. 36928, filed April 2009
 - Full Deployment begins 2009
- **TNMP**
 - Summer 2009 - Filed a Notice of deployment





Deployment Status

- **CenterPoint Energy**

- Docket No. 35639
- Full deployment, over 5 years
- Approximately 2.1 million meters
- Case approved December 19, 2008
- \$ 5.6 million for education
- \$ 6 Million for low income customers
- Total \$847 M (Capital Expense and O&M)
- \$120 M in Savings





Deployment Status

Oncor Electric Delivery

- **Docket No. 35718**
- Approved by Commission August 29, 2008
- Full deployment over 4 years, 3.4 Million Meters
- \$10 million for low income customers
- \$15 million for customer education
- Total \$839 M (Capital Expenditure and O&M)
- \$176 M in savings





Advanced Metering Implementation Team (AMIT)

- Security
- Access to data
- Web Portal
- Standardization of Functionality
- Home Area Network (HAN)
- Retail Transactions
- Settlement
- Customer Education





Next Steps:

Areas of Focus:

- Provisioning of in home devices
- Messaging & “Traffic” on the networks
- Settlement
- Security
- Testing of systems among participants (REPs, 3rd Parties, TDUs)

AMIT set to reconvene end of 2009



More Information

Christine Wright

Public Utility Commission, Competitive Markets Division

christine.wright@puc.state.tx.us

Ph: 512.936.7376

[Advanced Metering Implementation Project](http://www.puc.state.tx.us/electric/projects/34610/34610.cfm)

<http://www.puc.state.tx.us/electric/projects/34610/34610.cfm>

[Advanced Metering Rulemaking Project Webpage](http://www.puc.state.tx.us/rules/rulemake/31418/31418.cfm)

www.puc.state.tx.us/rules/rulemake/31418/31418.cfm

[HB 2129](http://www.capitol.state.tx.us/BillLookup/Text.aspx?LegSess=79R&Bill=HB2129)

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