



Texas Interconnection Long-Term Study Update

ERCOT Board of Directors

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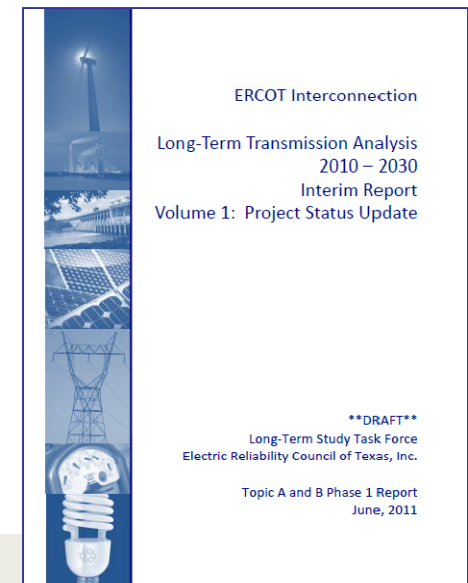
Project Background

ERCOT received a grant in April, 2010 from the Department of Energy to improve our Long-Term Study process.

- **Three primary study goals:**
 - **To provide relevant and timely information on the long-term system needs in the ERCOT Region to inform nearer-term planning and policy decisions.**
 - **To expand ERCOT long-term planning capabilities by developing new tools and processes that can be used in this and future studies.**
 - **To enhance stakeholder involvement and input into the ERCOT long-range planning process in a manner that is consensus-seeking, sustainable and consistent with the established ERCOT stakeholder framework.**

Current Status

- ERCOT has developed the base tools to evaluate resource expansion and transmission needs for future scenarios
- Stakeholders have defined a Business as Usual scenario – continuation of current market conditions
- ERCOT has provided an initial analysis of resource expansion for BAU scenario and several sensitivities
- Work to-date is summarized in an Interim Project Report (<http://www.ercot.com/committees/other/lts/>)
- Project facilitator is meeting with stakeholders to increase participation



Project Timeline

Milestone	Kick-off Meetings	Draft Interim Report due to DOE	Interim Report due to DOE	LTSA for State Legislature	Draft Final Report	Final Report due to DOE
Timeline	April, 2010	June, 2011	August, 2011	December, 2012	April, 2013	June, 2013
Work Product	Initial Development Business as Usual Case (BAU) & Modeling		Alternative Scenario Development & Modeling		Final work product	
Stakeholder Process	Monthly introductory meetings		Quarterly LTS meetings with interim workgroup meetings			

Long-Term Study Task Force – Immediate Needs

- Stakeholder efforts to develop a robust set of alternative scenarios
- Direct input of constituencies around (for example):
 - Solar generation technology and modeling
 - Demand side resources and energy efficiency potential
 - Energy storage technology
 - Forecast of EV demand
- Base tools are built – we now need stakeholders to step forward and both critique those tools while helping to build models of alternative futures



Request for Feedback

- We are asking for comments on the posted interim reports and participation in the ongoing study
- Discussion was held at Regional Planning Group meeting on July 15. Additional meetings will be scheduled as needed. Comments can be submitted through August 10.
- Send comments to:
Longtermstudy@LISTS.ERCOT.COM
- Questions?