



Texas Interconnection Long-Term Study Update

Presented to Long-Term Study Task Force

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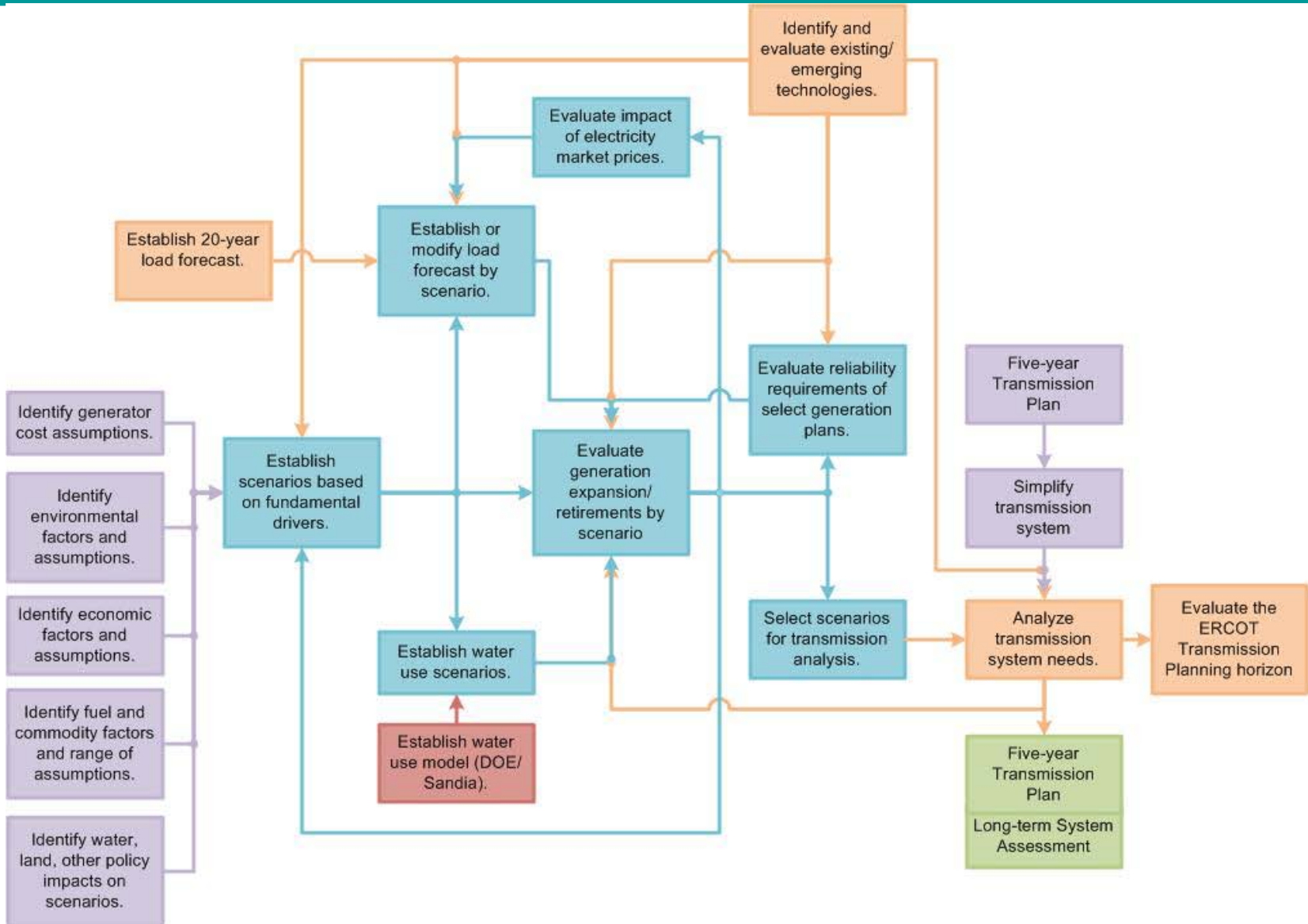
Agenda

- **Project Overview**
- **Progress**
- **Future Meetings**
- **Help Wanted**

Project Goals

- **Establish Long-Term Study Task Force to**
 - Define needs and inform technical analysis by providing input into planning process on scenarios, assumptions, results, etc.
 - Provide insight on policy-makers' needs for information from the planning process
- **Develop long-term (20-year) transmission framework**
 - Develop diverse scenarios and evaluating likely outcomes
 - Evaluate load impacts and new technologies to support scenario assumptions
 - Develop generation expansion plans consistent with scenarios
 - Identify operational requirements for generation plans
 - Develop transmission plans based on system needs and cost-effectiveness

Project Plan



Progress

- **Major Tasks:**
 - **Technology Review**
 - Nearly complete
 - **Scenario Development**
 - Generation Database
 - Load Forecasts
 - Baseline Scenario
 - Alternative Scenarios
 - Generation Expansion Software RFP
 - Water Scenarios
 - **Operational Reliability Analysis**
 - **Transmission Needs Analysis**
 - Simplification program

Long-Term Study – Near-Term Activities

- **Implement the grid simulation/generation expansion tool**
 - Develop potential generation expansion for baseline scenario
- **Complete formal documentation of technology reviews**
- **Complete the transmission simplification tool**
- **Establish Initial Scenarios**
- **Evaluate options to assess system reliability requirements**

Task Force – 2011

2011 Meeting Dates	
January 10	July 11
February 1	August 2
March 1	September 12
April 5	October 4
May 3	November 1
June 7	December 6

What Do We Need From You?

- **Interests and expertise**
- **Input to work groups and data gathering**
- **Guidance and direction for this study**
- **Validation of assumptions and methods**
- **Feedback on methods and results**



Questions?