



# 2011 Summer Assessment

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**Board of Directors Meeting**

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## 2011 Summer Forecast

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- **2010 peak was 65,776 MW**
- **Current peak forecast for the 2011 summer is 64,964 MW**
- **Lower forecast due to**
  - Slow economic growth
  - Forecast based on normal weather conditions
  - 2010 peak demand was the result of higher than normal temperatures
  - 2010 peak forecast was 64,056

## Resources

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- **ERCOT generation built to withstand summer conditions**
- **Existing Certain generation available for summer peak is 72,255 MW**
  - 106 MW is biomass
  - 9,427 MW nameplate wind capacity, 8.7% (820 MW) of this is included as Existing Certain generation
  - 260 MW of future planned capacity is expected to be in service by June 2011
  - 825 MW additional capacity expected before the end of the summer season
  - Hydro makes up less than 1% of Existing Certain generation therefore, hydro conditions do not impact reliability
- **Anticipated reserve margin is 14.3%**

# Transmission

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- **Several transmission projects will be completed prior to this summer**
  - 165 mile 345kV line from Zorn/Clear Springs to Hutto Switch; this project completes a 239 mile 345kV project between Zorn/Clear Springs to Salado
  - The Roanoke Tap to West Denton 345kV project will increase the import into Denton
  - 9 mile 138kV line from Palo Duro to Dilley SS in conjunction with the upgrade made to the Pearsall to Dilley 69kV line project expected to address constraints in the Frio county area

# Risks

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- **Extreme weather conditions leading to forced outages**
- **Fuel acquisition difficulties**
  - ERCOT will conduct fuel surveys to determine if this is an issue
- **Gas curtailments do not typically occur in the summer**
  - ERCOT is a member of the Texas Energy Reliability Council, which coordinates between gas and electric industries and, if needed, deliveries of natural gas can be arranged