



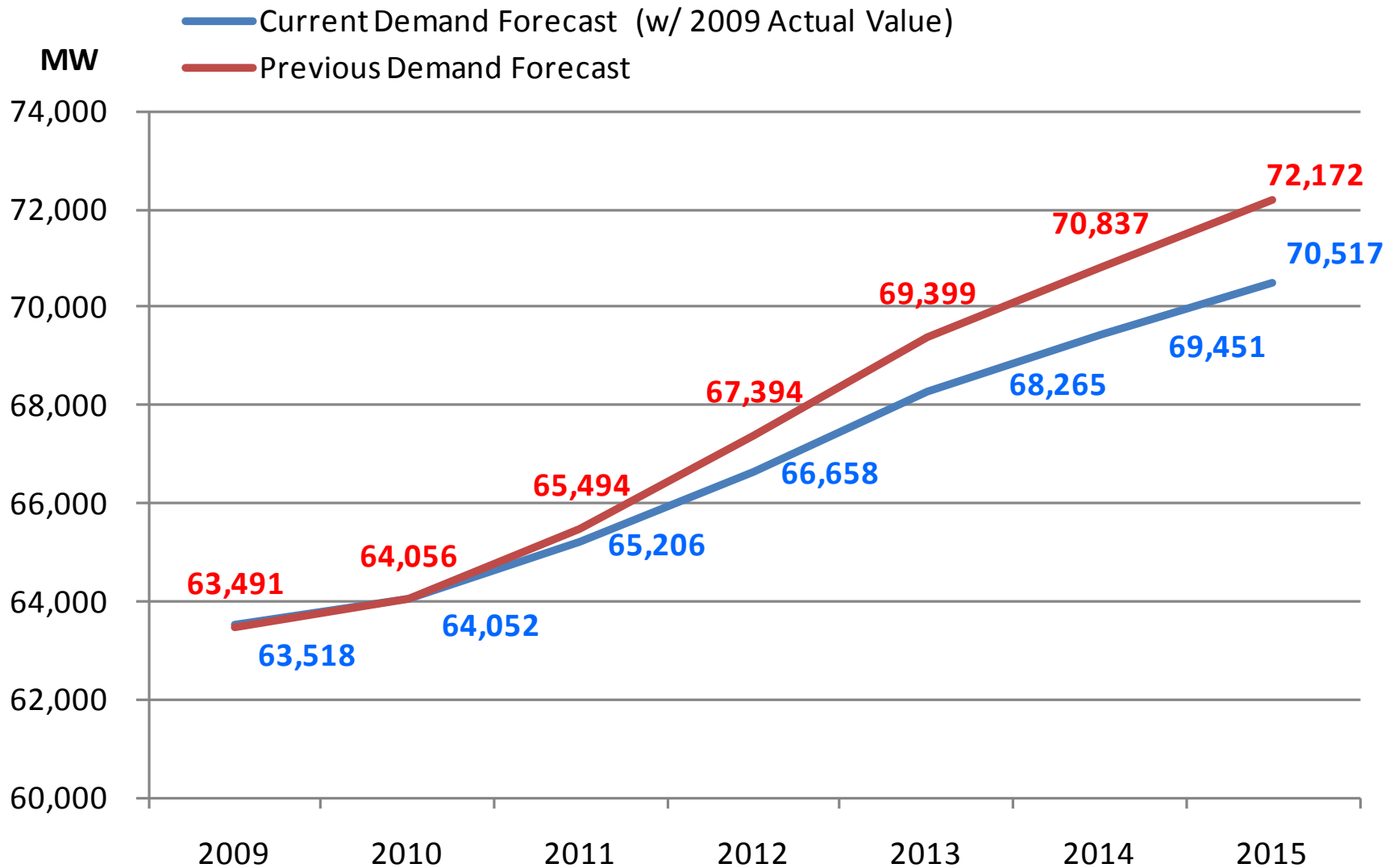
# May 2010 Load Forecast and Reserve Margin Update

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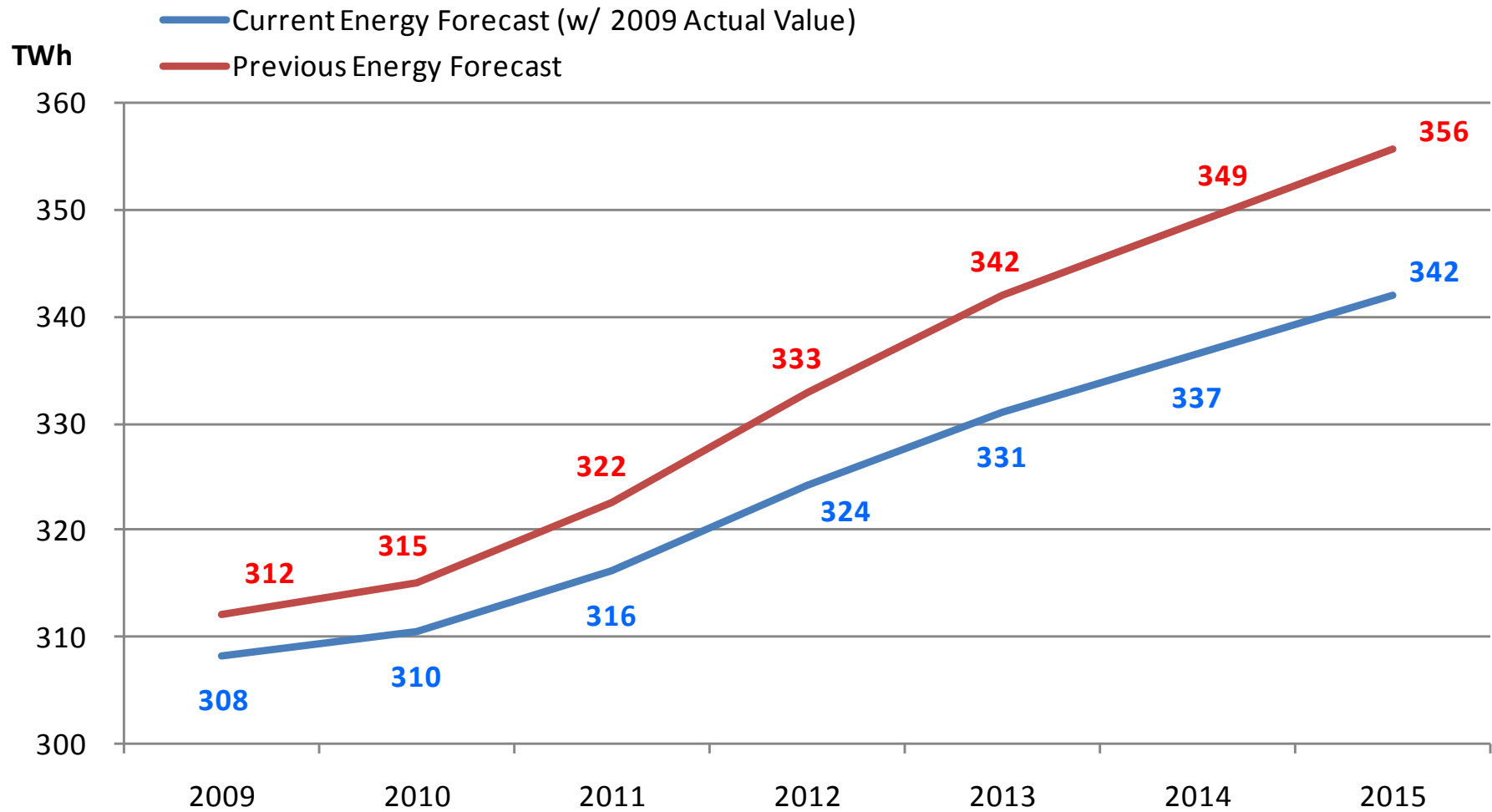
**Board of Directors**

**May 18, 2010**

# Peak Demand Forecast



# Energy Forecast

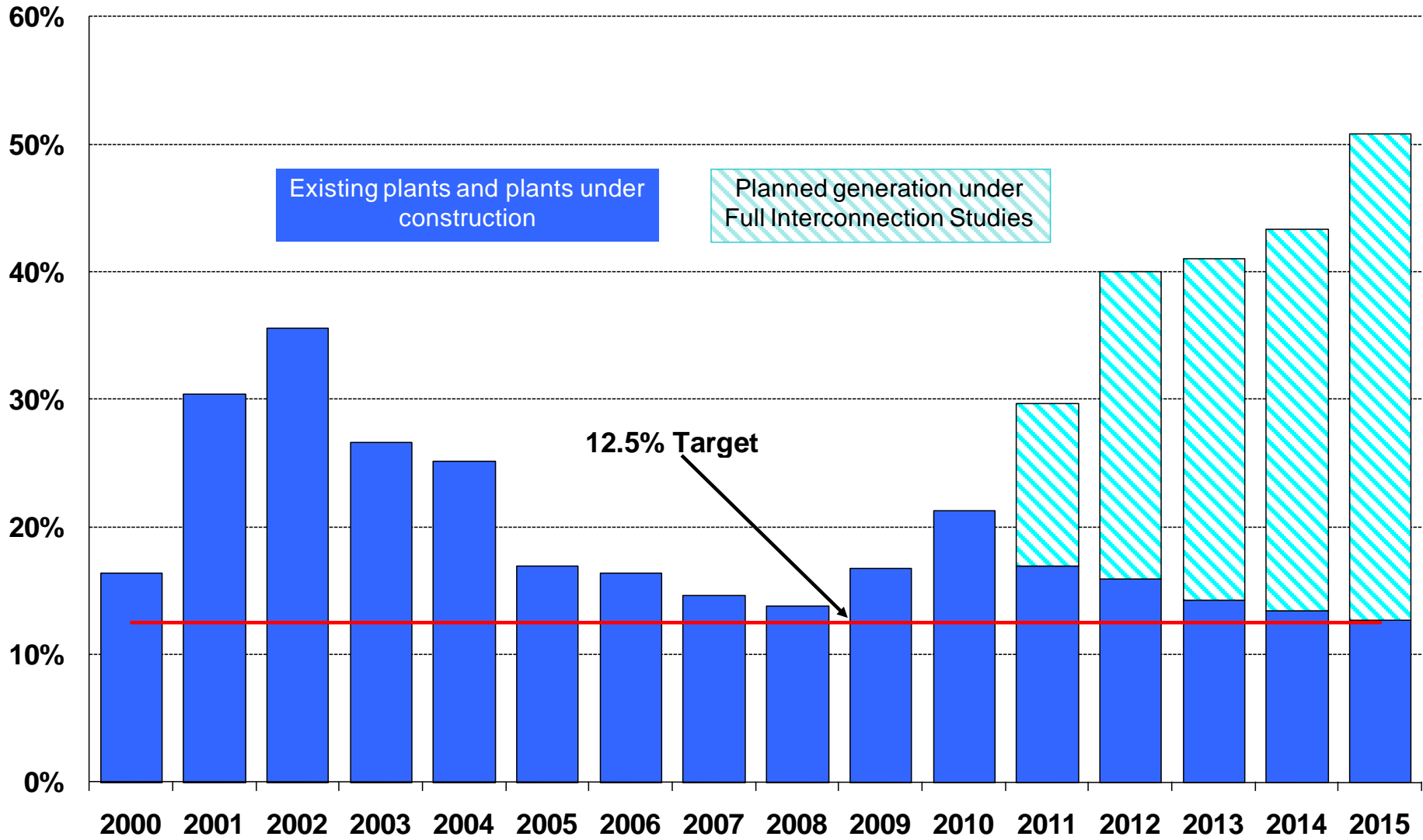


# Resource Changes since December 2009 Update

• <b>New Generation (IAs, Air Permit, Verification)</b>	
• Coleto Creek Unit 2	756
• Papalote Creek Wind (198MW nameplate)	17
• Panda Temple Power	<u>1,300</u>
	2,073
• <b>Cancelled Generation Projects</b>	
– Sterling Energy Center (300 MW nameplate)	-26
– Lenorah Wind Project (251 MW nameplate)	<u>-22</u>
	-48
• <b>Mothballed Units</b>	
– Valley 1,2 & 3	-1,069
– Tradinghouse 2	-787
– Spencer 4 (and 5 after 2010)	-122
– North Texas 1,2 & 3	<u>-75</u>
	-2,053
• <b>Changes in unit ratings, PUNs and mothballed unit return probabilities</b>	-446

- **LOLE Study has not yet been completed**
  - Data access and quality issues
  - Model validation
  - Will finalize study and seek approvals prior to December CDR update
- **May 2010 CDR uses current reserve margin target (12.5%) and wind capacity value (8.7%)**

# Reserve Margins



## 2010 Report on the Capacity, Demand, and Reserves in the ERCOT Region

### Summer Summary

<b>Load Forecast:</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Total Summer Peak Demand, MW	64,052	65,206	66,658	68,265	69,451	70,517
less LAARs Serving as Responsive Reserve, MW	1,062	1,062	1,062	1,062	1,062	1,062
less LAARs Serving as Non-Spinning Reserve, MW	0	0	0	0	0	0
less Emergency Interruptable Load Services	336	370	407	447	492	541
less BULs, MW	0	0	0	0	0	0
less Energy Efficiency Programs (per HB3693)	242	242	242	242	242	242
<b>Firm Load Forecast, MW</b>	<b>62,412</b>	<b>63,532</b>	<b>64,947</b>	<b>66,514</b>	<b>67,655</b>	<b>68,672</b>

<b>Resources:</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Installed Capacity, MW	66,228	64,372	64,372	64,372	64,372	64,372
Capacity from Private Networks, MW	4,803	4,803	4,803	4,803	4,803	4,803
Effective Load-Carrying Capability (ELCC) of Wind Generation, MW	793	793	793	793	793	793
RMR Units to be under Contract, MW	688	0	0	0	0	0
<b>Operational Generation, MW</b>	<b>72,512</b>	<b>69,968</b>	<b>69,968</b>	<b>69,968</b>	<b>69,968</b>	<b>69,968</b>
50% of Non-Synchronous Ties, MW	553	553	553	553	553	553
Switchable Units, MW	2,848	2,848	2,848	2,848	2,848	2,848
Available Mothballed Generation, MW	0	0	0	0	0	0
Planned Units (not wind) with Signed IA and Air Permit, MW	0	978	2,003	2,653	3,409	4,059
ELCC of Planned Wind Units with Signed IA, MW	0	30	43	95	115	115
<b>Total Resources, MW</b>	<b>75,913</b>	<b>74,377</b>	<b>75,415</b>	<b>76,117</b>	<b>76,893</b>	<b>77,543</b>

less Switchable Units Unavailable to ERCOT, MW	158	0	0	0	0	0
less Retiring Units, MW	0	0	0	0	0	0
<b>Resources, MW</b>	<b>75,755</b>	<b>74,377</b>	<b>75,415</b>	<b>76,117</b>	<b>76,893</b>	<b>77,543</b>

<b>Reserve Margin</b>	<b>21.4%</b>	<b>17.1%</b>	<b>16.1%</b>	<b>14.4%</b>	<b>13.7%</b>	<b>12.9%</b>
(Resources - Firm Load Forecast)/Firm Load Forecast						

<b>Other Potential Resources:</b>	<b>553</b>	<b>13,691</b>	<b>21,252</b>	<b>23,402</b>	<b>25,813</b>	<b>31,757</b>
Mothballed Capacity, MW	0	5,022	5,022	5,022	5,022	5,022
50% of Non-Synchronous Ties, MW	553	553	553	553	553	553
Planned Units in Full Interconnection Study Phase, MW	0	8,116	15,677	17,827	20,238	26,182

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Questions?