



# Resource Adequacy

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President & CEO  
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State Affairs Committee  
Texas House of Representative  
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# New Records

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## **New Peak Demand Record: 68,379 megawatts**

- 68,379 megawatts (MW), Aug. 3, 2011
- The 2010 peak demand – 65,776 MW, Aug. 23, 2010 – was broken 3 consecutive days:
  - Aug. 1, 2011 66,867 MW
  - Aug. 2, 2011 67,929 MW
  - Aug. 3, 2011 68,379 MW

## **New Weekend Record**

- 65,159 MW, Sunday, Aug. 28
  - 5 percent increase over 2010 previous record – 62,320 MW

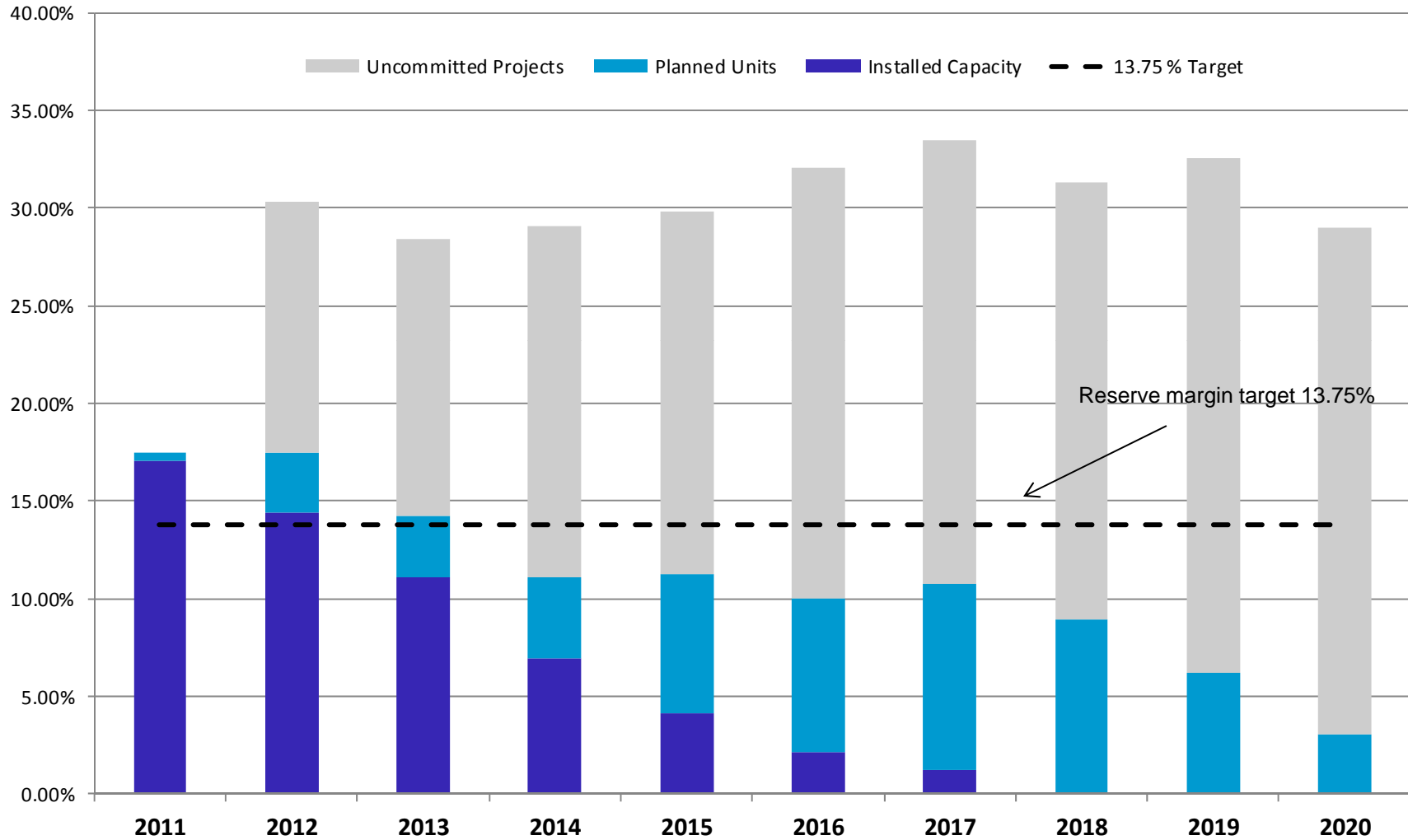
## **Winter Peak Record**

- 57,282 MW (February 10, 2011)
  - 3 percent increase over 2010 previous record - 55,878 MW

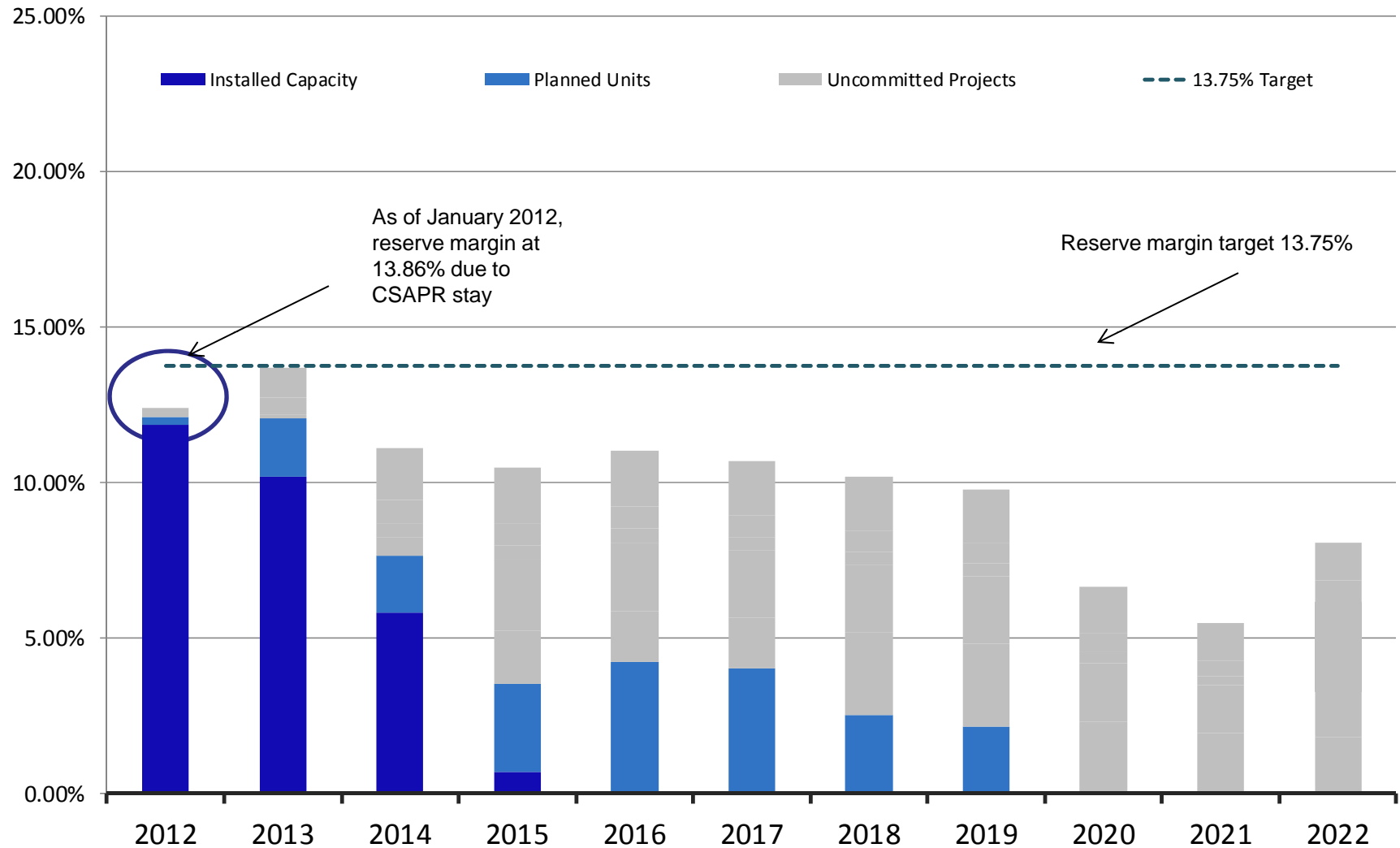
## **Wind Record**

- A new wind record of 7,400 MW occurred on Oct. 7, 2011 at 15:06. This instantaneous value surpassed the previous value of 7,355 MW from June 19, 2011.
  - Wind was supplying 15.18% of the 48,733 MW load

# May 2011 Capacity, Demand and Reserves (CDR) Report



# December 2011 Capacity, Demand and Reserves (CDR) Report



## Dec 2011 CDR – Generation under study (no firm commitment to build)

Fuel Type	Cancelled Studies (MW)	Suspended Studies (MW)	Active Studies (MW)
Gas-All Other			547
Gas-Combined Cycle	1,939	2,890	7,770
Total Gas	1,939	2,890	8,317
Nuclear		5,900	0
Coal			3,635
Wind (calculated at 8.75% of nameplate capacity)	394	1,092	1,560
Solar	236	353	856
Biomass		50	100
Storage (Compressed Air, Batteries, etc.)			906
Other	700		1480
Grand Total	7,400	21,747	16,854

## Looking ahead

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- **ERCOT will continue to work with the PUC as they consider changes to market rules**
- **The issues are affected by additional factors including:**
  - **Drought**
  - **Federal regulatory uncertainty**
  - **Investment environment**