



# NERC/Regional Reliability Status Update

May 2010

| Standards | Project   | Activity                                   | Due Date         |
|-----------|---|--|------------------|
| NERC      | <b>Project 2010-11</b> — Join ballot pool – TPL Table 1 Order (FERC Order RM06-16-009) – Proposed SAR for TPL-001-1, TPL-002-1b, TPL-003-1a, and TPL-004-1 – Includes one change to Table 1, Footnote ‘b.’              | <b>Posted for 30 day pre-ballot review</b> | <b>5/17/2010</b> |
| NERC      | <b>Project 2010-09</b> —Join ballot pool - Cyber Security Order 706B – Nuclear Plant Implementation Plan - Various CIP Standards - Draft Implementation Plan for Version 2 and 3 CIP Standards for Nuclear Power Plants | <b>Posted for 30 day pre-ballot review</b> | <b>5/19/2010</b> |
| NERC      | <b>Project 2010-11</b> — Comment - TPL Table 1 Order  | <b>Posted for comment</b>                  | <b>5/26/2010</b> |

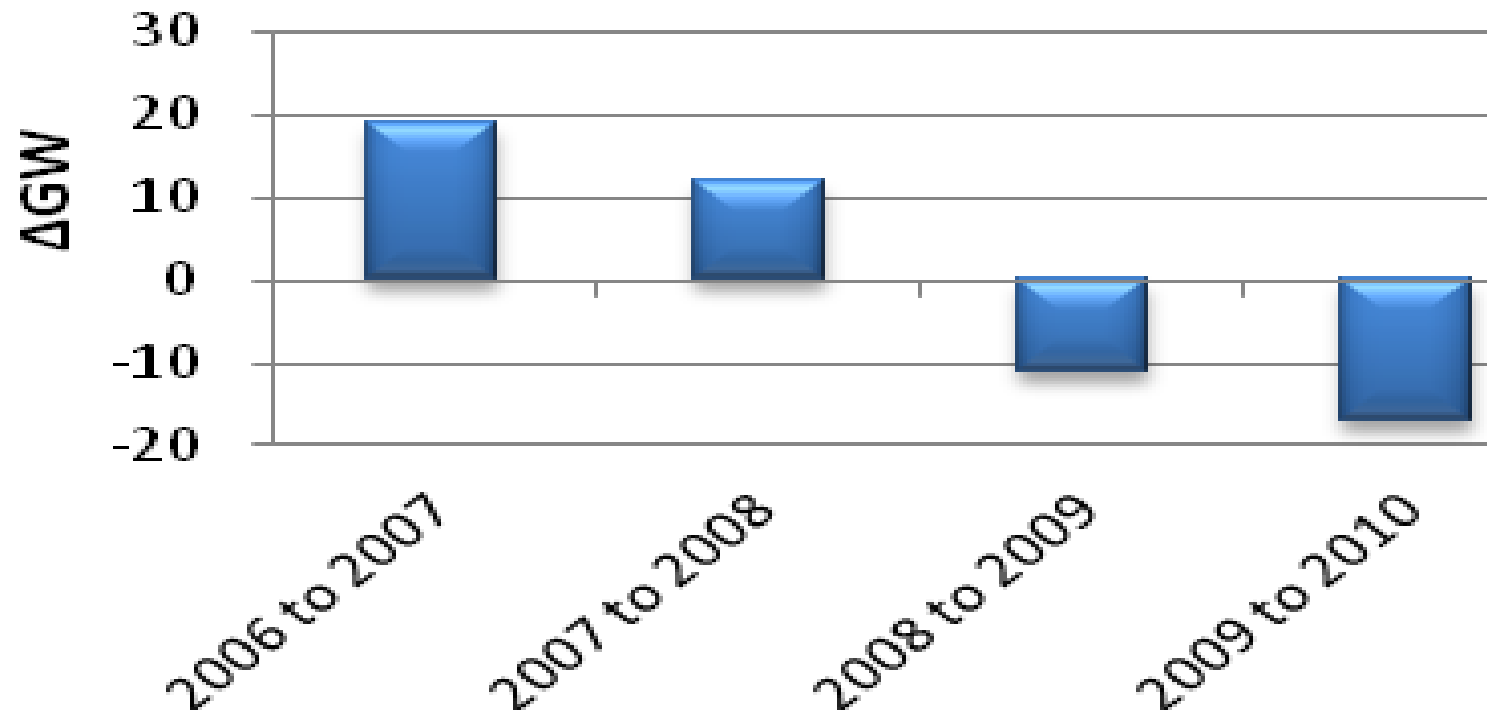
| Standards   | Project   | Activity                  | Due Date         |
|-------------|---|---------------------------|------------------|
| <b>NERC</b> | <b>Project 2008-06</b> — Comment - Cyber Security - Order 706 _ CIP-002 through CIP-009 | <b>Posted for comment</b> | <b>6/3/2010</b>  |
| <b>NERC</b> | <b>PRC-006-FRCC-01</b> — Comment - FRCC Automatic Under Frequency Load Shedding Program | <b>Posted for comment</b> | <b>6/11/2010</b> |

| Standards | Project  | Activity   | Due Date         |
|-----------|--|--|------------------|
| RFC       | <b>EOP-001-RFC-01</b> – Emergency Operations Plans - Posted For 30-Days prior to Board Action - industry believes this standard is no longer needed for reliability and should be retired in its entirety.         | Required 30 day posting in advance of Board action | <b>6/01/2010</b> |
| RFC       | <b>EOP-501-RFC-01</b> - Transmission Emergency Action Plan - Posted For 30-Days prior to Board Action - industry believes this standard is no longer needed for reliability and should be retired in its entirety. | Required 30 day posting in advance of Board action | <b>6/01/2010</b> |

| Standards | Project                    | Activity | Due Date |
|-----------|----------------------------|----------|----------|
|           | SERC                       |          |          |
|           | No activities at this time |          |          |
|           |                            |          |          |
|           | NAESB                      |          |          |
|           | No activities at this time |          |          |

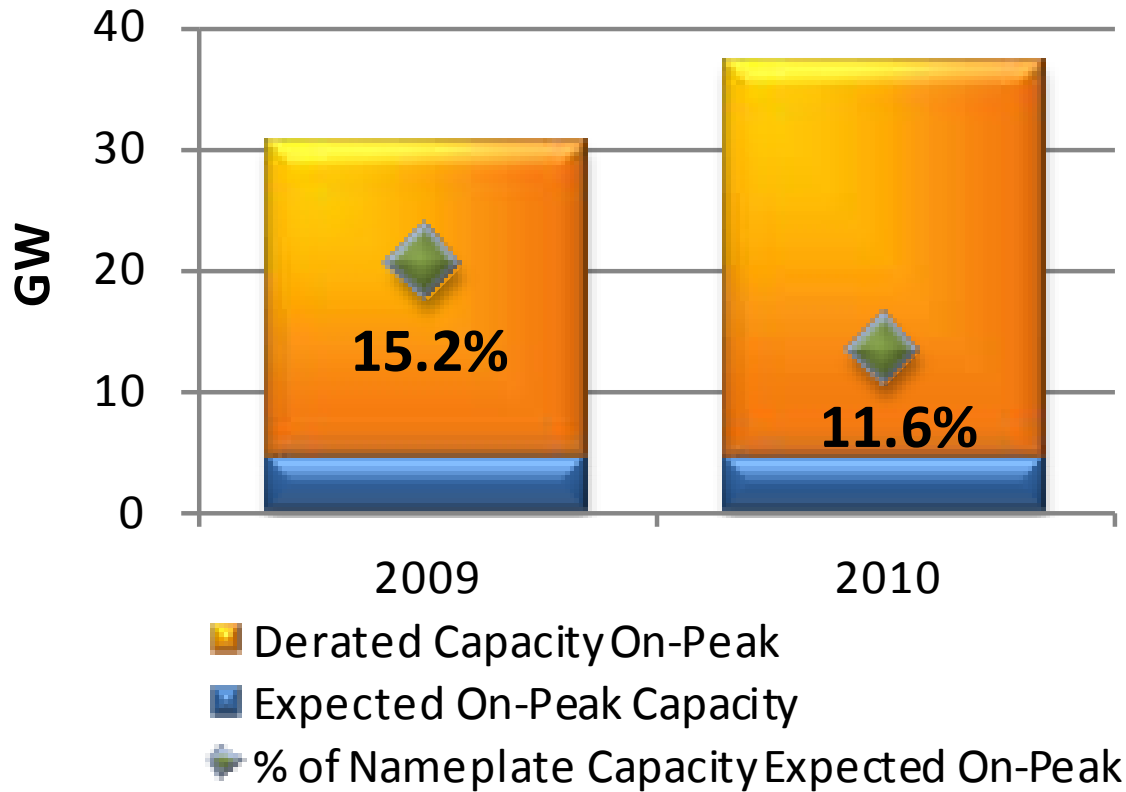
- Overall increase in Reserve Margins can be primarily attributed to the forecast demand reductions
- Recession across North America continues to be primarily responsible for a significant reduction in forecasted summer peak demand
- Peak summer demand has decreased over 10 GW per year, for two consecutive years

## Annual Change in Forecast Summer Peak Total Internal Demand



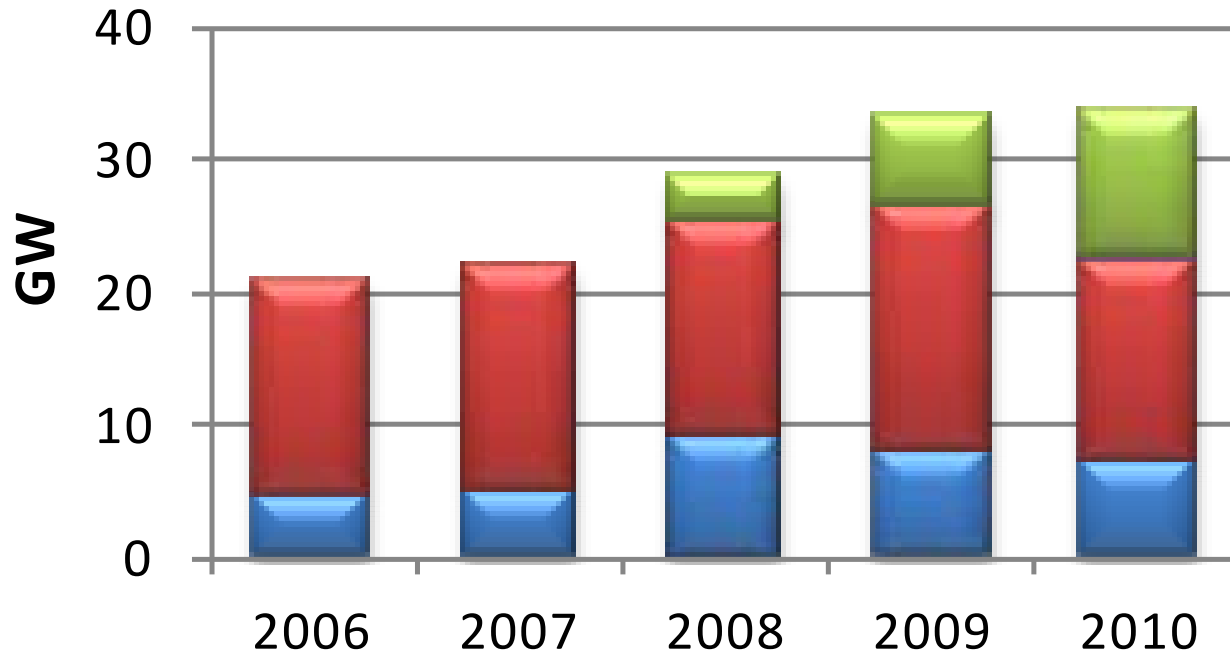
- Wind generation continues to increase
  - 7,000 MW of nameplate capacity added since last summer,
  - Total nameplate now just over 37,000 MW of installed capacity
- Approximately 4,300 MW of on-peak capacity
  - Industry continues to improve methods for determining expected on-peak capacity
  - When compared to last summer, similar amount on-peak wind capacity is projected

### Change in Wind Generation Growth and Expected On-Peak Capacity



- For the first time in four years, participation in Demand Response increased only slightly
- Remains at approximately 34,000 MW
- Possible Reasons
  - Economic recession reducing large-end use of electricity
  - Lower overall forecast demand has decreased the need
  - Lower economic incentives for the DR providers

## Summer Peak Demand Response



- Direct Control Load Management
- Contractually Interruptible
- Load as a Capacity Resource

- Quarterly Meeting
  - May 19, 2010
  - August 19, 2010

- Questions?

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*Note the underscore between Regional and Compliance.*

- Reliability Standards

[http://www.nerc.com/filez/standards/Reliability\\_Standards\\_Under\\_Development.html](http://www.nerc.com/filez/standards/Reliability_Standards_Under_Development.html)

- NAESB Calendar of Events

[http://naesb.org/monthly\\_calendar.asp](http://naesb.org/monthly_calendar.asp)