
TAC Update

Brad Jones and Kenan Ogelman
TAC Chair and Vice Chair

ERCOT Board Meeting

April 19, 2011

Summary of TAC Update

NPRRs Unanimously Recommended for Approval by TAC:

NPRR290, ERCOT Publication of DAM PSS/E Files

NPRR294, Texas SET 4.0 Including: Acquisition and Transfer of Customers From One REP to Another; Meter Tampering Transactional Solution

NPRR298, New Definitions Related to Black Start and Clarification to the Hourly Standby Fee Payments for Black Start Resources (formerly “New Definitions Related to Black Start”)

NPRR301, Correct Energy Trade Language for Adjustment Period

NPRR304, Removal of Frequency Bias Methodology Approval Requirement

NPRR331, Addition of the Balance of the Year PCRR Allocation – URGENT

NPRR335, TSP Request for Interval Data – URGENT

NPRR339, Modifications to Heuristic Rules to Determine LMP at De-energized Electrical Bus and Treatment of CRR Offers at De-energized Settlement Points – URGENT

NPRR341, Remove Ancillary Service Offers from SASM that do not Meet the Lead Time – URGENT

NPRR343, CRR Bid and PTP Obligation Bid Criteria Change – URGENT

Summary of TAC Update

NPRRs Recommended for Approval by TAC:

NPRR316, Negative Self-Arranged Ancillary Services Quantity (formerly “Negative Self-Arranged Ancillary Services”) – URGENT

NPRR320, Minimum PTP Option Bid and Settlement (formerly "Minimum PTP Option Bids and CRR Auction Fees") – URGENT

NPRR329, Security Classification Changes for Extracts/Reports – URGENT

NPRR342, Notification and Actions to Address Outcomes Inconsistent With Efficient Operation of the ERCOT Market – URGENT

Review of Revision Request Changes to Project Prioritization List

PGRR Unanimously Recommended for Approval by TAC:

PGRR002, New Planning Guide Section 2, Definitions and Acronyms, and Section 8, Planning Reserve Margin (PRM) and Associated Change Process for the PRM (formerly “New Planning Guide Section 2, Definitions and Acronyms, and Section 8, Planning Reserve Margin”)

Notice of Guide Revisions Approved by TAC

Future Agenda Items

NPRRs Unanimously Recommended for Approval by TAC

NPRR290, ERCOT Publication of DAM PSS/E Files

Purpose (Luminant)	This NPRR enhances transparency of the transmission topology (including all scheduled Outages) used in the DAM by requiring ERCOT to publish certain data files (in Power System Simulator for Engineering format) for easy review by all Market Participants with standard power flow tools such as PTI PSS/E, Power World Simulator, etc.
TAC Vote	On 3/3/11, TAC unanimously voted to recommend approval of NPRR290 as recommended by PRS in the 2/17/11 PRS Report as revised by TAC.
Effective Date/Priority	Upon System Implementation – Priority High/Rank 13
ERCOT Impact	\$20k-\$25k (2011 Post Go-Live funded); changes to MMS and MIS; impacts to business functions
CBA Highlights	Net (Cost) - Benefit of \$509k; Cost Benefit Ratio 25.2 Enhances transparency of the transmission topology used in the DAM by publishing certain data files in PSS/E format for easy review by all Market Participants with standard power flow tools; provides Market Participants the transparency and ability to review the implied power flows of the DAM solution; and reduces inefficient market solutions due to DAM modeling errors and allows Market Participants to better understand the DAM solution.

NPRR294, Texas SET 4.0 Including: Acquisition and Transfer of Customers From One REP to Another; Meter Tampering Transactional Solution

Purpose (Texas SET WG)	This NPRR defines the process for Mass Transition of ESI IDs from one CR to another CR when transitioning due to an acquisition, the process for switch hold indicator addition and removal, and other various changes deemed to be implemented with Texas Standard Electronic Transaction (TX SET) version 4.0. Changes to accommodate priority move-outs and same day switches are pending a PUCT rulemaking and are subject to revision
TAC Vote	On 3/3/11, TAC unanimously voted to recommend approval of NPRR294 as recommended by PRS in the 2/17/11 PRS Report. On 4/7/11, TAC discussed the 3/29/11 Retail Market Subcommittee (RMS) comments submitted to the ERCOT Board and unanimously voted to endorse NPRR294 as amended by the 3/29/11 RMS comments.
Effective Date/Priority	Upon System Implementation – Priority Critical/Rank 3
ERCOT Impact	\$1.5M-\$1.6M (2011-2012 PPL Funding); changes to Siebel, Paperfree, EIS, MIS , DTR, Retail API; revised business processes.
CBA Highlights	Net (Cost) - Benefit of \$660k; Cost Benefit Ratio 1.0 Compliance with numerous PUCT Substantive Rules.

NPRR298, New Definitions Related to Black Start and Clarification to the Hourly Standby Fee Payments for Black Start Resources (formerly "New Definitions Related to Black Start")

Purpose (OWG)	This NPRR proposes new definitions for Section 2.1, Definitions, and clarifies the use of Black Start terminology in other sections of the Nodal Protocols. This NPRR also identifies uses of the proposed terms(s) and makes language changes if applicable and aligns the terminology and acronym related to the Hourly Standby Fee Payment with Section 6.6.8.1, Black Start Capacity Payment.
TAC Vote	On 3/3/11, TAC unanimously voted to recommend approval of NPRR298 as recommended by PRS in the 2/17/11 PRS Report.
Effective Date/Priority	May 1, 2011
ERCOT Impact	No impacts

NPRR301, Correct Energy Trade Language for Adjustment Period

Purpose (Morgan Stanley)	This NPRR revises the language in Section 4.4.2, Energy Trades, for entering Energy Trades in the Adjustment Period to match that of the latest Edison Electric Institute (EEI) Amendment.
TAC Vote	On 3/3/11, TAC unanimously voted to recommend approval of NPRR301 as recommended by PRS in the 2/17/11 PRS Report.
Effective Date/Priority	May 1, 2011
ERCOT Impact	No impacts

NPRR304, Removal of Frequency Bias Methodology Approval Requirement

Purpose (ERCOT)	This NPRR removes the requirement for ERCOT to develop a methodology, subject to TAC approval, to determine the optimal frequency bias for given system conditions.
TAC Vote	On 3/3/11, TAC unanimously voted to recommend approval of NPRR304 as recommended by PRS in the 2/17/11 PRS Report.
Effective Date/Priority	May 1, 2011
ERCOT Impact	No impacts

NPRR331, Addition of the Balance of the Year PCRR Allocation – URGENT

Purpose (ERCOT)	This NPRR adds language to paragraphs (c) and (d) of Section 7.4.2, PCRR Allocation Terms and Conditions, to substantiate the allocation of Pre-Assigned Congestion Revenue Rights (PCRRs) for the balance of calendar year 2011.
TAC Vote	On 4/7/11, TAC unanimously voted to recommend approval of NPRR331 as recommended by PRS in the 3/24/11 PRS Report with a recommended effective date of “Upon ERCOT Board approval”.
Effective Date/Priority	Upon ERCOT Board approval
ERCOT Impact	No impacts

NPRR335, TSP Request for Interval Data – URGENT

Purpose (AEP)	This NPRR aligns the Nodal Protocols with the zonal Protocols, providing TSPs the ability to request and receive interval data from ERCOT.
TAC Vote	On 4/7/11, TAC unanimously voted to recommend approval of NPRR335 as recommended by PRS in the 3/24/11 PRS Report and as revised by TAC.
Effective Date/Priority	May 1, 2011
ERCOT Impact	No impacts

NPRR339, Modifications to Heuristic Rules to Determine LMP at De-energized Electrical Bus and Treatment of CRR Offers at De-energized Settlement Points
– URGENT

Purpose (ERCOT)	This NPRR extends the heuristic rules to determine the Locational Marginal Price (LMP) at de-energized Electrical Buses; and changes the treatment of CRR offers when either the source or sink Settlement Point is de-energized in the Day-Ahead Market (DAM).
TAC Vote	On 4/7/11, TAC unanimously voted to recommend approval of NPRR339 as recommended by PRS in the 3/24/11 PRS Report.
Effective Date/Priority	Upon System Implementation – Priority Critical/Rank 9.3
ERCOT Impact	Less than \$100k (2011 Post Go-Live funding); changes to MMS, CSI, S&B; impacts to Real-Time and DAM business practices.
CBA Highlights	Net (Cost) - Benefit of \$845k; Cost Benefit Ratio 12.27 Reduces Real-Time Revenue Neutrality Allocation to QSEs with Load due to excessive payout of PTP Obligation awards in Real-Time that are not related to congestion but due to flaws in the heuristic rules to determine LMPs at de-energized Electrical Buses.

NPRR341, Remove Ancillary Service Offers from SASM that do not Meet the Lead Time – URGENT

Purpose (ERCOT)	This NPRR proposes to modify input data processing of Supplemental Ancillary Services Markets (SASMs) to remove offers that do not meet the lead time for each hour in the SASM study period.
TAC Vote	On 4/7/11, TAC unanimously voted to recommend approval of NPRR341 as recommended by PRS in the 3/24/11 PRS Report.
Effective Date/Priority	Upon System Implementation – Priority High/Rank 9.5
ERCOT Impact	\$10k-\$15k (2011 Post Go-Live funding); changes to MMS
CBA Highlights	Net (Cost) - Benefit of \$1.3M; Cost Benefit Ratio 100.0 Will lead to enhanced Market Participant efficiency as removes the need for QSEs to update their SASM AS Offers every hour to meet lead times and removes need to rearrange AS that is awarded to a Resource that cannot be started to meet the obligation.

NPRR343, CRR Bid and PTP Obligation Bid Criteria Change – URGENT

Purpose (ERCOT)	This NPRR would remove the ability to bid for CRRs in the CRR Auction or bid for PTP Obligations in the DAM that exist entirely within a station.
TAC Vote	On 4/7/11, TAC unanimously voted to recommend approval of NPRR343 as amended by the 4/6/11 ERCOT comments and as revised by TAC.
Effective Date/Priority	Upon System Implementation – Priority High/Rank 13.1
ERCOT Impact	Interim Solution: \$25k plus \$11k per month (2011 O&M funding); impacts to Market Operations staffing Automated Solution: \$400k-\$450k (potential 2011 Post Go-Live funding); changes to MMS, CRR System, CDR, EIS MIS, EIP; changes to DAM business practices
CBA Highlights	Net (Cost) - Benefit of \$1.6M; Cost Benefit Ratio 3.8 Reduces unnecessary bids from CRR Auction resulting in less load on the system and more available bid capacity for the market and reduces risk of underfunding.

Non-Unanimous NPRRs Recommended for Approval by TAC

NPRR316, Negative Self-Arranged Ancillary Services Quantity (formerly "Negative Self-Arranged Ancillary Services") - URGENT

Purpose (Morgan Stanley)	This NPRR allows Qualified Scheduling Entities (QSEs) to enter a negative value for a Self-Arranged Ancillary Service Quantity.
TAC Vote	On 4/7/11, TAC voted to recommend approval of NPRR316 as recommended in the 3/24/11 PRS Report with a recommended priority of High and rank of 15.3. There were two abstentions from the Consumer Market Segment.
Effective Date/Priority	Upon System Implementation – Priority High/Rank 15.3
ERCOT Impact	\$15k-\$20k (2011 Post Go-Live funding); changes to MMS
CBA Highlights	Net (Cost) - Benefit of \$375k; Cost Benefit Ratio 26.0 Provides all QSEs the ability to have ERCOT procure AS on their behalf in the DAM; improves optimization and lower costs for AS; and provides a lower cost solution to NPRR131 which can now be removed from Parking Deck.

NPRR320, Minimum PTP Option Bid and Settlement (formerly "Minimum PTP Option Bids and CRR Auction Fees") - URGENT

Purpose (Consumers)	This NPRR sets a minimum price on Point to Point (PTP) Option bids (Minimum PTP Option Bid Price) of \$0.010 and places a fee on each PTP Option bid awarded where the clearing price for the PTP Option bid awarded is less than the Minimum PTPT Option Bid Price. Upon implementation of system changes, the revenue from the fees will be put in the CRR Balancing Account. Until system changes are implemented, the PTP Option Bidding Fee will be invoiced separately from CRR Invoices using a Miscellaneous Invoice, and the revenue from the fees will be distributed by the Monthly Load Ratio Share and through the use of a Miscellaneous Invoice.
TAC Vote	On 4/7/11, TAC voted via roll call vote to recommend approval of NPRR320 as amended by the 3/29/11 ERCOT comments and as revised by TAC.
Effective Date/Priority	Upon System Implementation – Priority High/Rank 12.8
ERCOT Impact	Interim Solution: \$10k-\$11k (2011 O&M) Automated Solution: \$95k-\$110k (2011 Post Go-Live funding); changes to CRR, CSI, EIS; impacts to CRR business processes and CRR Settlement invoicing processes.
CBA Highlights	Net (Cost) - Benefit of \$1.3M; Cost Benefit Ratio 12.7 Introduces a financial incentive for CRR Account Holders to submit rational bids; reduces impacts from large bid volumes caused by speculative practices; reduces the potential for ERCOT to expand the CRR system in the future due to 200k bid system limitation.

NPRR329, Security Classification Changes for Extracts/Reports- URGENT

Purpose (MIS User Group)	This NPRR changes the security classification to “Public” for extracts/reports that are currently classified in the Nodal Protocols as “Secure”; and suspends the posting of State Estimator Load Reports that reveal individual Load data.
TAC Vote	On 4/7/11, TAC voted to recommend approval of NPRR329 as amended by the 3/31/11 ERCOT comments. There was one abstention from the Independent Generator Market Segment.
Effective Date/Priority	Upon System Implementation – Priority High/Rank 9.2
ERCOT Impact	\$5k-\$10k (2011 Post Go-Live funding); changes to MIS and ERCOT.com
CBA Highlights	Net (Cost) - Benefit of \$2.5k; Cost Benefit Ratio 1.3 Provides access to public data without requiring a Digital Certificate which eliminates a barrier to entry and enhances the efficiency of the market; and allows public consumption of nodal market data which could enhance price response and understanding of market.

NPRR342, Notification and Actions to Address Outcomes Inconsistent With Efficient Operation of the ERCOT Market – URGENT

Purpose (ERCOT)	This NPRR details the process for notifying Market Participants of market outcomes in the DAM and Real-Time Market that are inconsistent with the “efficient operation of the market” in the ERCOT Region, as that term is defined in paragraph (c)(2) of P.U.C. SUBST. R. 25.503, Oversight of Wholesale Market Participants. The NPRR gives ERCOT discretion to implement corrective measures and advise Market Participants to discontinue practices that are inconsistent with efficient operation of the ERCOT-administered markets. The NPRR allows the ERCOT CEO to deem any NPRR designed to correct such activity as Urgent. Prior to taking actions allowed by NPRR342, it is assumed that ERCOT shall consult with the IMM and PUCT Staff regarding actions that are inconsistent with the efficient operation of ERCOT markets.
TAC Vote	On 4/7/11, TAC voted via roll call vote to recommend approval of NPRR342 as amended by the 4/6/11 Macquarie Energy comments and as revised by TAC. The vote was 20 in favor, 4 against, and 6 abstentions.
Effective Date/Priority	Upon ERCOT Board approval
ERCOT Impact	No impacts

Review of Recommended Revision Request Changes to Project Prioritization List (PPL)

New NPRRs Recommended for Board Approval

2011 Priority	2011 Rank	Source Doc	Approval Status	Project Number	Project Name	2011 Budget Range	Project Status	Projected Start Date	Projected End Date	Funding Source	Source
1- Critical	3	NPRR294	Pending Board Approval	11002_01	Texas SET 4.0	\$1M-\$2M	Planning	Feb 2011	TBD	PPL	PUCT / Market
1- Critical	9.2	NPRR329	Pending Board Approval		Security Classification Changes for Extracts/Reports	\$5k-\$10k	Not Started	Apr 2011	May 2011	Post Go-Live	Market
1- Critical	9.3	NPRR339	Pending Board Approval		Modifications to Heuristic Rules to Determine LMP at De-energized Electrical Bus and Treatment of CRR Offers at De-energized Settlement Points	<\$100k	Not Started	June 2011	Aug 2011	Post Go-Live	ERCOT
2-High	9.5	NPRR341	Pending Board Approval		Remove Ancillary Service Offers from SASM that do not Meet the Lead Time	\$10k-\$15k	Not Started	Apr 2011	July 2011	Post Go-Live	ERCOT
2-High	12.76	NPRR310	Pending Board Approval		Expand Output Schedule Acceptable Range to Include HSL and LSL	\$10k-\$15k	Not Started	Apr 2011	Aug 2011	Post Go-Live	Market
2-High	12.8	NPRR320	Pending Board Approval		Minimum PTP Option Bid and Settlement	\$95k-\$110k	Not Started	June 2011	Sept 2011	Post Go-Live	Market
2-High	13	NPRR290	Pending Board Approval		ERCOT Publication of DAM PSS/E Files	\$20k-\$25k	Not Started	Apr 2011	Aug 2011	Post Go-Live	Market
2-High	13.1	NPRR343	Pending Board Approval		CRR Bid and PTP Obligation Bid Criteria Change	\$400k-\$450k	Not Started	TBD	TBD	Post Go-Live	ERCOT
2-High	15.3	NPRR316	Pending Board Approval		Negative Self-Arranged Ancillary Services Quantity	\$15k-\$20k	Not Started	May 2011	July 2011	Post Go-Live	Market
Nodal Post Go-Live						\$550k-\$635k					

Draft Project Prioritization List (PPL)

2011 Priority	2011 Rank	Source Doc	Approval Status	Project Number	Project Name	2011 Budget Range	Project Status	Projected Start Date	Projected End Date	Funding Source	Source
1- Critical	0.1		Board Approved		Nodal Stabilization	\$10M-\$12M	Execution	Dec 2010	June 2011	Post Go-Live	Nodal Post Go-Live
1- Critical	0.11	NPRR302	Board Approved	NPRR302	Correct Fuel Type Language for Mitigated Offer Cap	<\$5k	Complete	Jan 2011	Mar 2011	Post Go-Live	Market
1- Critical	1		Board Approved	Various	Data Center Buildout	\$30M-\$40M	Execution	Oct 2009	Feb 2012	PPL	ERCOT
1- Critical	2		Board Approved	99911	Minor Cap - Critical	\$500k-\$1M	Execution	Jan 2011	Dec 2011	PPL	ERCOT
1- Critical	3	NPRR294	Pending Board Approval	11002_01	Texas SET 4.0	\$1M-\$2M	Planning	Feb 2011	TBD	PPL	PUCT / Market
1- Critical	3.5	SCR760	Board Approved		Recommended Changes Needed for Information Model Mgr and Topology Processor for Planning Models	\$500k-\$1M	Planning	Apr 2011	Feb 2013	PPL	Market
1- Critical	4		Board Approved	90006_02	Information Lifecycle Mgmt – Mkt Systems, Archive, Reporting	\$1M-\$2M	Planning	Jan 2010	Jan 2012	PPL	ERCOT
1- Critical	5		Board Approved	11003_01	Cyber Security Project #1	\$500k-\$1M	Not Started	TBD	TBD	PPL	ERCOT
1- Critical	6		Board Approved	10052_01	Settlement System Upgrade	\$1M-\$2M	Planning	Mar 2010	TBD	PPL	ERCOT
1- Critical	7		Board Approved	11004_01	Cyber Security Project #2	\$250k-\$500k	Not Started	TBD	TBD	PPL	ERCOT
1- Critical	8		Board Approved	11005_01	IT Security Infrastructure Upgrade	\$100k-\$250k	Not Started	TBD	TBD	PPL	ERCOT
1- Critical	9		Board Approved	11006_01	MarkeTrak Upgrade and Enhancements (PLANNING)	\$100k-\$250k	Not Started	July 2011	TBD	PPL	PUCT / Market
1- Critical	9.2	NPRR329	Pending Board Approval		Security Classification Changes for Extracts/Reports	\$5k-\$10k	Not Started	Apr 2011	May 2011	Post Go-Live	Market
1- Critical	9.3	NPRR339	Pending Board Approval		Modifications to Heuristic Rules to Determine LMP at De-energized Electrical Bus and Treatment of CRR Offers at De-energized Settlement Points	<\$100k	Not Started	June 2011	Aug 2011	Post Go-Live	ERCOT
1- Critical	9.41	NPRR285	Board Approved	NPRR285	Generation Resource Base Point Deviation Charge Corrections	\$30k-\$40k	Execution	Apr 2011	May 2011	Post Go-Live	Market
1- Critical	9.42	NPRR282	Board Approved	NPRR282	Dynamic Ramp Rates Use in SCED	\$30k-\$35k	Planning	Apr 2011	June 2011	Post Go-Live	Market
1- Critical	9.43		Board Approved		Deferred Defects and Workaround Processes	\$2M-\$3M	Execution	Dec 2010	Dec 2011	Post Go-Live	Nodal Post Go-Live
1- Critical	9.44		Board Approved		Planning Model	Funded by Deferred Defects	Complete	2010	Apr 2011	Post Go-Live	Nodal Post Go-Live

Draft Project Prioritization List (PPL)

2011 Priority	2011 Rank	Source Doc	Approval Status	Project Number	Project Name	2011 Budget Range	Project Status	Projected Start Date	Projected End Date	Funding Source	Source
2-High	9.5	NPRR307	Board Approved		Change SASM Offer Procedures	\$15k-\$20k	Execution	Apr 2011	May 2011	Post Go-Live	Market
2-High	9.5	NPRR341	Pending Board Approval		Remove Ancillary Service Offers from SASM that do not Meet the Lead Time	\$10k-\$15k	Not Started	Apr 2011	July 2011	Post Go-Live	ERCOT
2-High	10		Board Approved	50088_01	Data Research and Reporting	\$500k-\$1M	Execution	Nov 2006	Sept 2011	PPL	ERCOT
2-High	11		Board Approved	10055_01	Data Agg Performance Improvements	\$250k-\$500k	Planning	Sept 2010	TBD	PPL	ERCOT
2-High	12		Board Approved	10031_01	Enterprise Records Management Automation (ERMA)	<\$50k	Execution	Jan 2010	Apr 2011	PPL	ERCOT
2-High	12.5		ERCOT Approved	11009_01	Fire Alarm System Upgrade	\$100k-\$250k	Closing	Feb 2011	Apr 2011	PPL	ERCOT
2-High	12.75	NPRR323	Board Approved		Correct DAM Credit Exposure Language and Enable Qualified Expiring CRRs to Offset PTP Bid Exposure	\$375k-\$475k	Planning	Apr 2011	Sept 2011	Post Go-Live	Market
2-High	12.76	NPRR310	Pending Board Approval		Expand Output Schedule Acceptable Range to Include HSL and LSL	\$10k-\$15k	Not Started	Apr 2011	Aug 2011	Post Go-Live	Market
2-High	12.8	NPRR320	Pending Board Approval		Minimum PTP Option Bid and Settlement	\$95k-\$110k	Not Started	June 2011	Sept 2011	Post Go-Live	Market
2-High	13	NPRR290	Pending Board Approval		ERCOT Publication of DAM PSS/E Files	\$20k-\$25k	Not Started	Apr 2011	Aug 2011	Post Go-Live	Market

Draft Project Prioritization List (PPL)

2-High	13.1	NPRR343	Pending Board Approval		CRR Bid and PTP Obligation Bid Criteria Change	\$400k-\$450k	Not Started	TBD	TBD	Post Go-Live	ERCOT
2-High	14	NPRR293	Board Approved		Requirement to Post PTP Obligation Quantities Awarded in DAM	\$12k-\$15k	Execution	Apr 2011	May 2011	Post Go-Live	Market
2-High	14	NPRR303	Board Approved		Requirement to Post PTP Options Cleared in the DAM or Taken to Real Time	<\$5k	Execution	Apr 2011	May 2011	Post Go-Live	Market
2-High	15		Board Approved		Parking Deck Initiatives	\$2.0M-\$2.5M	Execution	Feb 2011	Mar 2012	Post Go-Live	Nodal Post Go-Live
2-High	15.1	NPRR208	Board Approved		Registration & Settlement of Distributed Generation (DG) <1 MW	\$5k-\$10k	Planning	Apr 2011	Sept 2011	Post Go-Live	Market
2-High	15.2	NPRR251	Board Approved		Sync PRR845, Definition for IDR Meters and Optional Removal of IDR Meters at a Premise Where an Advanced Meter Can be	\$30k-\$50k	Not Started	June 2011	Sept 2011	Post Go-Live	Market
2-High	15.3	NPRR316	Pending Board Approval		Negative Self-Arranged Ancillary Services Quantity	\$15k-\$20k	Not Started	May 2011	July 2011	Post Go-Live	Market
2-High	16		Board Approved		Decommissioning Efforts	\$275k-\$325k	Execution	Jan 2011	July 2011	Post Go-Live	Nodal Post Go-Live
2-High	17		Board Approved		Program Risk Items	\$500k-\$1M	Execution	Mar 2011	Dec 2011	Post Go-Live	Nodal Post Go-Live
2-High	18		Board Approved	10018_01	Annual Storage Growth	<\$50k	Execution	Jan 2011	Apr 2011	PPL	ERCOT
2-High	19		Board Approved		Hardware and Software Systems License & Maintenance	\$7M-\$8M	Execution	Jan 2011	June 2011	Post Go-Live	Nodal Post Go-Live
PPL Cutline		Board-Authorized 2011 Project Budget – \$41,900,000				Forecast: \$37,934,802			Variance - \$3,965,198		
Nodal Post Go-Live		Board-Authorized 2011 Post Go-Live Budget = \$25,191,000				Forecast: \$25,450,000			Variance = (\$259,000)		

PGRR Unanimously Recommended for Approval by TAC

PGRR002, New Planning Guide Section 2, Definitions and Acronyms, and Section 8, Planning Reserve Margin (PRM) and Associated Change Process for the PRM

Purpose (Planning WG)	This PGRR incorporates the following into the Planning Guide: (a) PRM and the minimum PRM requirement; (b) Methodology to be used by ERCOT to calculate its Summer and Winter PRM; (c) Changes in the PRM calculation methodology approved by TAC in February 2010; (d) Current ERCOT reserve margin planning criterion of 13.75%; (e) New Section 2 to the Planning Guide which adds relevant terms and definitions used in the Planning Guide not defined in the Protocols; and (f) incorporates an administrative change process for the PRM.
TAC Vote	On 3/3/11, TAC unanimously voted to recommend approval of PGRR002 as recommended by ROS in the 2/18/11 ROS Report.
Effective Date/Priority	May 1, 2011
ERCOT Impact	No impacts

Notice of Guide Revisions Approved by TAC

RMGRR098, Addition of Market Synchronization Reports

The RMGRR provides documentation for the use of the 867RCSO Report, the Mapping Status Reject Report, the 997 Functional Acknowledgement Report, and the Potential Load Loss Report for market synchronization.

NOGRR055, Deletion of an Invalid Reference to a Non-Existent NERC Term

The NOGRR removes an invalid reference to a non-existent North American Electric Reliability Corporation (NERC) term.

NOGRR062, Require Voltage Ride-Through Capability for IRRs

The NOGRR provides a requirement for Voltage Ride-Through (VRT) capability for new Intermittent Renewable Resources (IRR).

Future Agenda Items

NPRR306, Revisions to Protected Information to Include Black Start Documents
Considered CEII

NPRR310, Expand Output Schedule Acceptable Range to Include HSL and LSL

NOGRR054, Change in Facilitator for the Annual Operations Training Seminar

PGRR004, Synchronization with NPRR291, Reduce the Comment Period for NPRRs
and SCRs