



TAC Update

Brad Jones
TAC Chair

ERCOT Board Meeting
July 20, 2010



TAC Summary

3 PRRs for Approval

10 NPRRs for Approval (2 of which have components requiring
Parking Deck Consideration)

0 NPRRs for Parking Deck Consideration

1 Planning Guide Revision Request

1 System Change Request



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- PRR845** Definition for IDR Meters and Optional Removal of IDR Meters at a Premise Where an Advanced Meter Can be Provisioned
 - PRR846** Deadlines for Initiating Alternative Dispute Resolution
 - PRR847** Additional Exemptions for Uninstructed Resource Charge
 - NPRR207** Unit Deselection (formerly “Hour Start Unit Deselection and Half Hour Start Unit RUC Clawback”)
 - NPRR208** Registration and Settlement of Distributed Generation (DG) Less Than One MW
 - NPRR213** Deadlines for Initiating Alternative Dispute Resolution
 - NPRR224** Remove Dynamic Rating Requirements for Annual Planning Models
 - NPRR226** Procedure for Setting DAM Credit Requirement Parameters (formerly “Procedure for Setting DAM Auction Credit Requirement Parameters”)
 - NPRR227** Termination of Access Privileges to Restricted Computer Systems and Control Systems
 - NPRR229** Additions to Section 2, Definitions and Acronyms
 - NPRR230** Resolution of Alignment Items A40, A108, A127 and A138 and Clarification/Updates to Load and Demand Forecast, Statement of Opportunities, and Long Term Wind Power Forecast
 - NPRR235** Resolution of Alignment Items A36 and A131 and Clarification of Miscellaneous Requirements
 - NPRR239** Ramp Rate Limitation of 10% per minute of On-Line Installed Capability for Wind-powered Generation Resources
 - SCR756** Enhancement to the MarkeTrak Application
 - PGRR001** Planning Guide – Section 2, Process for Planning Guide Revision – URGENT



PRR845, Definition for IDR Meters and Optional Removal of IDR Meters at a Premise Where an Advanced Meter Can be Provisioned

Purpose (RMWG)	Clarifies the meaning of Interval Data Recorder (IDR) Meter and provides for optional removal of IDR Meters under certain conditions for Premises where an Advanced Meter can be provisioned by the Transmission and/or Distribution Service Provider (TDSP). Protocol references to IDR and/or IDR Meter are being updated to ensure appropriate understanding and usage of the terms.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 6/3/10, TAC unanimously voted to recommend approval of PRR845 as recommended by PRS in the 5/20/10 PRS Report.	
CEO Determination	No Opinion	
Effective Date	August 1, 2010	



PRR845, Definition for IDR Meters and Optional Removal of IDR Meters at a Premise
Where an Advanced Meter Can be Provisioned

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		



PRR846/NPRR213, Deadlines for Initiating Alternative Dispute Resolution

Purpose (Horizon Wind)	This PRR/NPRR amends Section 20.3, Informal Dispute Resolution, to establish deadlines for the Alternative Dispute Resolution (ADR) procedures.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	<p>On 6/3/10, TAC voted to recommend approval of PRR846 as recommended by PRS in the 05/20/10 PRS Recommendation Report. There was one opposing vote from the Independent Generator Market Segment and three abstentions from the Consumer, Investor Owned Utility (IOU) and the Independent Generator Market Segments.</p> <p>On 7/1/10, TAC unanimously vote to recommend approval of NPRR213 as recommended by PRS in the 5/20/10 PRS Report.</p>	
CEO Determination	No Opinion on the PRR; NPRR Necessary for Go-Live for Nodal	
Effective Date	August 1, 2010 (PRR) and upon Texas Nodal Market Implementation (NPRR)	



PRR846/NPRR213, Deadlines for Initiating Alternative Dispute Resolution

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		



PRR847, Additional Exemptions for Uninstructed Resource Charge

Purpose (Formosa)	Proposes two changes to Uninstructed Resource Charge Process: (1) When QSE is given a verbal Dispatch Instruction from ERCOT, the QSE shall be exempt from any Uninstructed Resource Charge during the specified verbal Dispatch Instruction time period, provided that the QSE followed instructions to within the SCE of the verbal Dispatch Instruction given; and (2) After a LaaR has been activated, the QSE representing the LaaR can request a three hour extension for scheduling under the protocols, and during this rescheduling time, a Private Use Network shall not incur Uninstructed Resource Charges for three hours as the Load returns back to service.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 7/1/10, TAC unanimously voted to recommend approval of PRR847 as recommended by PRS in the 6/17/10 PRS Report with an effective date of August 1, 2010.	
CEO Determination	No Opinion	
Effective Date	August 1, 2010	



PRR847, Additional Exemptions for Uninstructed Resource Charge

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		



NPRR207, Unit Deselection (formerly "Hour Start Unit Deselection and Half Hour Start Unit RUC Clawback")

Purpose (WMS)	This NPRR would provide that ERCOT may deselect units from Reliability Unit Commitment (RUC) processes. The NPRR also creates the term "RUC Notification" to refer to an ERCOT instruction preceding a Resource's startup time. The NPRR enables the Qualified Scheduling Entity (QSE) to self-commit, a Resource after receiving a RUC Notification but before the Resource's startup time.	
Market Impact	N/A	
System Change	Yes	Grey-box language only
TAC Vote	On 7/1/10, TAC unanimously voted to recommend approval of NPRR207 as amended by the 5/26/10 WMS comments as revised by TAC, to assign a priority of High for the grey-boxed portion, and to recommend that ERCOT incorporate the revisions to the ERCOT RUC desk procedure relating to NPRR207 proposed in the 6/24/10 Nodal Advisory Task Force (NATF) comments.	
CEO Determination	Grey-boxed portions of NPRR207 are not necessary prior to the Texas Nodal Market Implementation Date. No opinion on whether or not remaining language revisions are necessary prior to the Texas Nodal Market Implementation Date.	
Effective Date	Partially Upon Texas Nodal Market Implementation. Grey-boxed items will be post Texas Nodal Market Implementation Date.	



NPRR207, Unit Deselection (formerly "Hour Start Unit Deselection and Half Hour Start Unit RUC Clawback) - *Non-Grey boxed section only*

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		



NPRR208, Registration and Settlement of Distributed Generation (DG) Less Than One MW

Purpose (NOIE DRG)	The NPRR includes proposed language changes by the Non-Opt-In Entity (NOIE) Distributed Renewable Generation (DRG) Task Force in regards to the registration requirements for DG greater than 50 kW and less than or equal to one MW. In addition, this NPRR synchronizes language approved through PRR756, Distributed Renewable Generation Modifications, with some recommended revisions consistent with the NOIE DRG Task Force discussions.	
Market Impact	N/A	
System Change	Yes	Grey-box language only
TAC Vote	On 7/1/10, TAC voted to recommend approval of NPRR208 as amended by the 6/24/10 ERCOT comments with a recommended priority of High/Medium to the grey-boxed language. There were two abstentions from the Consumer Market Segment.	
CEO Determination	Grey-boxed sections of NPRR208 are not necessary prior to the Texas Nodal Market Implementation Date. No opinion on whether or not remaining revisions of NPRR208 is necessary prior to the Texas Nodal Market Implementation Date	
Effective Date	Partially Upon Texas Nodal Market Implementation. Grey-boxed items will be post Texas Nodal Market Implementation Date.	



NPRR208, Registration and Settlement of Distributed Generation (DG) Less Than One MW

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions		★	New business processes required to produce quarterly reports
Grid Operations	★		
Credit Monitoring/ Liability	★		



NPRR224, Remove Dynamic Rating Requirements for Annual Planning Models

Purpose (Steady State WG)	This NPRR removes the use of Dynamic Rating for Annual Planning Models.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 7/1/10, TAC voted to recommend approval of NPRR224 as recommended by PRS in the 6/17/10 PRS Report as revised by TAC. There was one abstention from the Municipal Market Segment.	
CEO Determination	No Opinion	
Effective Date	Upon Texas Nodal Market Implementation	



NPRR224, Remove Dynamic Rating Requirements for Annual Planning Models

<i>Item Reviewed</i>	<i>No Impact</i>	<i>Impact</i>	<i>Description</i>
<i>Budget</i>	★		
<i>Staffing</i>	★		
<i>Computer Systems</i>	★		
<i>Business Functions</i>	★		
<i>Grid Operations</i>	★		
<i>Credit Monitoring/ Liability</i>	★		



NPRR226, Procedure for Setting DAM Credit Requirement Parameters (formerly
“Procedure for Setting DAM Auction Credit Requirement Parameters”)

Purpose (ERCOT)	This NPRR provides language revisions to align the Nodal Protocols with the procedure developed to implement the changes approved by the ERCOT Board in NPRR206, Nodal Market Day-Ahead Market Credit Requirements, on 2/16/10.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 7/1/10, TAC voted to recommend approval of NPRR226 as recommended by PRS in the 6/17/10 PRS Report. There was one abstention from the Municipal Market Segment.	
CEO Determination	Necessary for Go-Live	
Effective Date	Upon Texas Nodal Market Implementation	



NPRR226, Procedure for Setting DAM Credit Requirement Parameters (formerly
“Procedure for Setting DAM Auction Credit Requirement Parameters”)

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		



NPRR227, Termination of Access Privileges to Restricted Computer Systems and Control Systems

Purpose (ERCOT)	Synchronizes the Nodal Protocols with the language in the zonal Protocols pursuant to PRR822, Termination of Access Privileges to Restricted Computer Systems, Control Systems and Facilities formerly Removing of Access to Restricted Computer Systems, Control Systems, and Facilities. PRR822 was approved by the ERCOT Board on 10/21/09.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 7/1/10, TAC unanimously voted to recommend approval of NPRR227 as recommended by PRS in the 6/17/10 PRS Report.	
CEO Determination	Necessary for Go-Live	
Effective Date	Upon Texas Nodal Market Implementation	



NPRR227, Termination of Access Privileges to Restricted Computer Systems and Control Systems

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		



NPRR229, Additions to Section 2, Definitions and Acronyms

Purpose (ERCOT)	This NPRR incorporates certain definitions and acronyms from the zonal Protocols for terms that are used in the Nodal Protocols but are not defined in Section 2, Definitions and Acronyms.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 7/1/10, TAC unanimously voted to recommend approval of NPRR229 as recommended by PRS in the 6/17/10 PRS Report as revised by TAC.	
CEO Determination	No Opinion	
Effective Date	Upon Texas Nodal Market Implementation	



NPRR229, Additions to Section 2, Definitions and Acronyms

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		



NPRR230, Resolution of Alignment Items A40, A108, A127 and A138 and Clarification/Updates to Load and Demand Forecast, Statement of Opportunities, and Long Term Wind Power Forecast

Purpose (ERCOT)	Resolves Alignment Items A40, A108, A127, and A138 and provides clarification of the three-year Load and Demand forecast requirements as well as consistency for the medium-term System Adequacy Report. The requirement to develop profile functionality for a Long-Term Wind Power Forecast has been removed.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 7/1/10, TAC voted to recommend approval of NPRR230 as recommended by PRS in the 6/17/10 PRS Report. There was one abstention from the Municipal Market Segment.	
CEO Determination	Needed for Go-Live	
Effective Date	Upon Texas Nodal Market Implementation	



NPRR230, Resolution of Alignment Items A40, A108, A127 and A138 and Clarification/Updates to Load and Demand Forecast, Statement of Opportunities, and Long Term Wind Power Forecast

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		



NPRR235, Resolution of Alignment Items A36 and A131 and Clarification of Miscellaneous Requirements

Purpose (ERCOT)	Resolves Alignment Items A36 and A131 by clarifying Market Information System (MIS) posting requirements and validation of QSE telemetry for Ancillary Services Resource Responsibility and clarifies Reliability Unit Commitment (RUC) initialization to data bases.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 7/1/10, TAC voted to recommend approval of NPRR235 as recommended by PRS in the 6/17/10 PRS Report. There was one abstention from the Municipal Market Segment.	
CEO Determination	Needed for Go-Live	
Effective Date	Upon Texas Nodal Market Implementation	



NPRR235, Resolution of Alignment Items A36 and A131 and Clarification of Miscellaneous Requirements

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		



NPRR239, Ramp Rate Limitation of 10% per minute of On-Line Installed Capability for Wind-powered Generation Resources

Purpose (ERCOT)	Proposes a requirement that certain Wind-powered Generation Resources (WGRs) limit the unit ramp rate to 10% per minute of their nameplate rating as registered with ERCOT. The proposed language is based on the concept set forth in zonal Protocol Section 6.5.13, WGR Ramp Rate Limitations.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 7/1/10, TAC voted to recommend approval of NPRR239 as recommended by PRS in the 6/17/10 PRS Report. There was one abstention from the Municipal Market Segment.	
CEO Determination	Needed for Go-Live	
Effective Date	Upon Texas Nodal Market Implementation	



NPRR239, Ramp Rate Limitation of 10% per minute of On-Line Installed Capability for Wind-powered Generation Resources

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		



PGRR001 Planning Guide – Section 2, Process for Planning Guide Revision - Urgent

Purpose (PLWG)	This Planning Guide Revision Request (PGRR) proposes a process for revising the Planning Guide in Section 2 of the Planning Guide.	
Market Impact	Improves transparency and provides change mechanism for the planning processes.	
System Change	No	N/A
TAC Vote	On 7/1/10, TAC unanimously voted to recommend approval of PGRR001 as amended by the 6/28/10 ERCOT comments and the 6/30/10 PSEG TX comments and as revised by TAC.	
CEO Determination	Necessary prior to the Texas Nodal Market Implementation Date	
Effective Date	August 1, 2010	



SCR756, Enhancement to the MarkeTrak Application [MarkeTrak Task Force (MTTF)].

Purpose (ERCOT)	This SCR will add functionality to the MarkeTrak Issue Resolution Tool to improve and standardize Market Participant administration functions, implement ERCOT validations requested by the MTTF, and redesign the workflows to leverage potential vendor upgrades to the MarkeTrak application.	
Market Impact	N/A	
System Change	Yes	Due to "Not Needed for Go-Live" designation by the ERCOT CEO, the Impact Analysis for this item will be conducted at a future date.
TAC Vote	On 6/3/10, TAC unanimously voted to recommend approval of SCR756 as recommended by PRS in the 5/20/10 PRS Report with a recommended priority of Critical.	
CEO Determination	Not necessary prior to the Texas Nodal Market Implementation Date.	
Effective Date	Post Texas Nodal Market Implementation Date.	



Nodal Parking Deck - Approved by ERCOT Board

Source Document	Title	Priority	Board Approved
NPRR131	Ancillary Service Trades with ERCOT	High	1/19/10
NPRR181	FIP Definition Revision	High	1/19/10
NPRR153	Generation Resource Fixed Quantity Block Offer	Medium	1/19/10
NPRR164	Resubmitting Ancillary Service offers in SASM	Medium	1/19/10
SCR755	ERCOT.com Website Enhancements	Medium	2/16/10
NPRR146	ICCP Telemetry Information Submittals	High	6/15/10
NPRR210	Wind Forecasting Change to P50, Synchronization with PRR841	High	6/15/10



Nodal Parking Deck – Pending Approval

Source Document	Title	Suggested Priority	Current Status
NPRR207	Unit Deselection (formerly “Hour Start Unit Deselection and Half Hour Start Unit RUC Clawback”).	High	Pending at Board TAC approved 7/1/10
NPRR208	Registration and Settlement of Distributed Generation (DG) Less Than One MW	High/Medium	Pending at Board TAC approved 7/1/10
NPRR222	Half-Hour Start Unit RUC Clawback (Companion to NPRR207).	High	Tabled at Board TAC approved 6/3/10
NOGRR034	Rescind Telemetry Performance Calculation Exclusions	TBD	Pending at ROS OWG approved 5/19/10
SCR756	Enhancements to the MarkeTrak Application	Critical	Pending at Board TAC approved 6/3/10
SCR759	AC Line Segment Name Length Increase in Information Model Manager	TBD	Pending at ROS

Guide Revision Requests approved by TAC

- COPMGRR017, Creating Subsection 8.2, Settlement Statements and Invoices
- COPMGRR019, Revisions for Texas Nodal Market Implementation and Synchronization with PRR821, Update of Section 21, Process for Protocol Revision
- NOGRR028, Synchronization - Backup Control Plan Submission Process
- NOGRR035, Synchronization Special Protection System Monitoring Requirements
- NOGRR036, Synchronization with PRR821 and PRR804
- NOGRR037, Synchronization with OGRR217, Relay Misoperation Report Format Change
- OGRR241, Special Protection System Monitoring Requirements
- OGRR243, Disturbance Monitoring Requirements Clarification
- OGRR244, Synchronization with PRR821, Update of Section 21, Process for Protocol Revision
- OGRR247, Process for Transition to Nodal Operating Guide Sections
- SMOGRR008, Revisions for Texas Nodal Market Implementation and Synchronization with PRR821

Network Operations Model Go-Live Decision

TAC will provide a recommendation to the ERCOT Board on July 20th following the conclusion of TAC deliberations that morning regarding the certification that Market Readiness Criteria has been met for the planned September 1, 2010 Network Operations Model Go-Live.

Guiding Principles of the Nodal Market

- TAC approved a set of guiding principles of the Nodal market on 7/1/10.
- According to the document, an NPRR or market change proposal should strive to further the following guiding principles of the Nodal Market:
 - Improve price signals
 - Improve dispatch efficiencies
 - Improve transparency into market operations
 - Improve or enhance key components of the Nodal Market
 - Improve reliability
 - Improve the Retail or Wholesale Markets
 - Appropriately assign Compliance/Responsibilities
 - Directly address new legislation, Public Utility Commission of Texas (PUCT) rules or North American Electric Reliability Corporation (NERC) standards.
 - Address recommendations of the Independent Market Monitor (IMM), PUCT or ERCOT Board
 - Clarify Protocols