



# TAC Update

Brad Jones  
TAC Chair

**ERCOT Board Meeting**  
**October 19, 2010**

**TAC Certification for Full Nodal Systems Go-Live**

**0 PRRs for Approval**

**14 NPRRs for Approval**

**1 NOGRR for Approval**

**CRR Credit Parameter Recommendation**

**TAC Structural and Procedural Annual Review**

**Notice of Additional TAC Voting Items**

## TAC Certifies Ready for Full Nodal Systems Go-Live

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- **TAC voted to certifies the Full Nodal systems for a December 1, 2010 go-live based on the 10/1/10 ERCOT Management Readiness Certification and the 10/5/10 NATF recommendation as attached.**
  - See next slide for NATF motion.
- **The TAC motion passed with one opposed (Consumer) and three abstentions (Consumer and two Cooperative)**

# NATF Recommendation to TAC on Nodal Go-Live

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**The following October 5, 2010 NATF motion passed with one abstention from the Consumer Market Segment.**

Based on the observations and experience of the NATF members and the certification by ERCOT management, NATF is unaware of any outstanding issue, or collection of issues, that would prohibit TAC from voting affirmatively for the ERCOT Nodal Market Go-Live; therefore, NATF recommends approval by TAC for a December 1, 2010 go-live.

The NATF recommendation is based on our direct discussions with ERCOT and Market Trials observations. NATF acknowledges there is much that cannot be directly observed by individual Market Participants. Where not directly observed, NATF has relied on those that have direct knowledge.

NATF has reviewed with ERCOT the issues that have been reported as of October 5, 2010, as identified in the QSE and TDSP issue lists and in the ERCOT Management Readiness Certification. ERCOT currently has a plan to address each of the “Defects to be Resolved by Go-live” which includes a delivery date for the fix, a workaround or has a workaround plan in progress. NATF accepts ERCOT’s status regarding deferred issues. The NATF expects ERCOT to continue updating NATF, TAC and the Board regarding the progress of the fixes and workarounds.

## Revision Requests for Board Consideration

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- **NPRR219**, Resolution of Alignment Items A33, A92, A106, and A150 - TSPs Must Submit Outages for Resource Owned Equipment and Clarification of Changes in Status of Transmission Element Postings
- **NPRR244**, Clarification of Other Binding Documents
- **NPRR246**, Requirement for Resource Entities to Update Resource Parameters
- **NPRR253**, CRR Balancing Account Invoice and Settlement and Billing Dispute Process
- **NPRR255**, Resolution of Alignment Item A81 - DRUC Timing and Execution when DAM is Delayed or Aborted
- **NPRR259**, Resolution of Alignment Items A175 and A176 - Settlement of Generation Resources Dispatched to Meet System Reliability Requirements
- **NPRR261**, Revision of Data Submission Timeline for Network Model
- **NPRR262**, Protocol Synchronization for Nodal Implementation Surcharge
- **NPRR263**, Resolution of Alignment Item A99 - Settlement Point Price Calculation When Busses are De-energized
- **NPRR273**, Allow Use of the ONTEST Resource Status to Indicate Resource Startup, Shutdown and Test Operations
- **NPRR274**, Generic Startup Costs for Combined Cycle Generation Resources – Removal of Temporal Constraint
- **NPRR279**, Resolution of Alignment Item A144 - Clarify Posting of MCPC for DAM and SASM
- **NPRR280**, Move Shift Factor Posting Requirement to Real-Time
- **NPRR284**, Cost Allocation Zones as They Relate to NOIE Load Zones – As Built Systems

*NPRR219, Resolution of Alignment Items A33, A92, A106, and A150 - TSPs Must Submit Outages for Resource Owned Equipment and Clarification of Changes in Status of Transmission Element Postings*

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<b>Purpose</b> (ERCOT)	This will require the Resource Entity to designate a TSP as the responsible Entity that will manage Outage Scheduler entries for the Resource Entity for Transmission Elements owned by the Resource other than the outage of the Generation or Load Resource itself. This NPRR will also require all changes or expected changes in the status of Transmission Facilities to be in the Outage Scheduler to ensure that all Outages in the Outage Scheduler are provided to the MIS.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	No	
<b>TAC Vote</b>	On 10/7/10, TAC voted to recommend approval of NPRR219 as recommended by PRS in the 10/4/10 PRS Report and as revised by TAC and to recommend a priority of Critical to the grey-boxed language. There was one abstention from the IPM Market Segment.	
<b>CEO Determination</b>	Necessary Prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

*NPRR219, Resolution of Alignment Items A33, A92, A106, and A150 - TSPs Must Submit Outages for Resource Owned Equipment and Clarification of Changes in Status of Transmission Element Postings*

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

## *NPRR244, Clarification of Other Binding Documents*

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<b>Purpose</b> (ERCOT)	This NPRR clarifies the concept of “Other Binding Documents” and the revision process to better align with item (j) of PURA § 39.151, Essential Organizations, and P.U.C. SUBST. R. 25.503, Oversight of Wholesale Market Participants, with respect to governing documents that are public and in effect in the ERCOT Region	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	No.	
<b>TAC Vote</b>	On 10/07/10, TAC unanimously voted to recommend approval of NPRR244 as amended by the 10/04/10 Austin Energy comments and as revised by TAC, to recommend a priority of High/Medium to the grey-boxed language and to designate PRS as the assigned TAC subcommittee responsible for the review of the Other Binding Documents List.	
<b>CEO Determination</b>	Partially Necessary prior to Go-Live. Grey-boxed language is not necessary prior to Go-Live.	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

## *NPRR244, Clarification of Other Binding Documents*

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Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems		★	Minor impacts to ERCOT.com
Business Functions		★	New business processes to be established for OBD that do not specify a revision process
Grid Operations	★		
Credit Monitoring/ Liability	★		

## *NPRR246, Requirement for Resource Entities to Update Resource Parameters*

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<b>Purpose</b> (ERCOT)	This NPRR requires Resource Entities to update their Resource Parameters after Net Dependable Capability (NDC) tests, reactive capability tests, ERCOT requests, and known data changes to any Resource Parameters.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	No	
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR246 as recommended by PRS in the 9/23/10 PRS Report.	
<b>CEO Determination</b>	Necessary prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

## *NPRR246, Requirement for Resource Entities to Update Resource Parameters*

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

## *NPRR253, CRR Balancing Account Invoice and Settlement and Billing Dispute Process*

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<b>Purpose</b> (ERCOT)	This NPRR updates Section 9.12, and Section 9.14, with information pertaining to the ERCOT Invoice process and the statuses for processing of disputes. This NPRR also proposes non-substantive changes, such as capitalizing defined terms and use of acronyms.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	No	
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR253 as recommended by PRS in the 9/23/10 PRS Report.	
<b>CEO Determination</b>	Necessary prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

## *NPRR253, CRR Balancing Account Invoice and Settlement and Billing Dispute Process*

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

## *NPRR255, Resolution of Alignment Item A81 - DRUC Timing and Execution when DAM is Delayed or Aborted*

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<b>Purpose</b> (ERCOT)	This NPRR adds new Section 5.2.2 to describe the process that ERCOT will follow in the event that the Day-Ahead Market (DAM) is delayed or aborted.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	No	
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR255 as recommended by PRS in the 10/4/10 PRS Report.	
<b>CEO Determination</b>	Necessary prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

*NPRR255, Resolution of Alignment Item A81 - DRUC Timing and Execution when DAM is Delayed or Aborted*

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

*NPRR259, Resolution of Alignment Items A175 and A176 - Settlement of Generation Resources Dispatched to Meet System Reliability*

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<b>Purpose</b> (ERCOT)	This NPRR clarifies that all commitments of a specific Generation Resource in response to an ERCOT Dispatch Instruction (whether issued electronically or verbally) for the commitment of that Generation Resource will be considered to be a Reliability Unit Commitment (RUC) and will be settled in accordance with the RUC Settlement provisions described in the Nodal Protocols.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	No	
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR259 as recommended by PRS in the 10/4/10 PRS Report.	
<b>CEO Determination</b>	Necessary prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

*NPRR259, Resolution of Alignment Items A175 and A176 - Settlement of Generation Resources Dispatched to Meet System Reliability*

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

## *NPRR261, Revision of Data Submission Timeline for Network Model*

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<b>Purpose</b> (ERCOT)	This NPRR removes the three-month summer model and replaces it with individual model packages for each month. This NPRR also separates item (5) of Section 3.10.4 into three paragraphs for clarification of ERCOT's requirements.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	Yes	Minor impacts to NMMS; will take two months after Board approval to implement.
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR261 as recommended by PRS in the 9/23/10 PRS Report.	
<b>CEO Determination</b>	No Opinion on Necessity for Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

## *NPRR261, Revision of Data Submission Timeline for Network Model*

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Item Reviewed	No Impact	Impact	Description
Budget		★	< \$50,000
Staffing	★		
Computer Systems		★	Minor Impacts to NMMS
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		

## *NPRR262, Protocol Synchronization for Nodal Implementation Surcharge*

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<b>Purpose</b> (ERCOT)	This NPRR modifies the Nodal Implementation Surcharge (NIS) calculation to mirror the existing zonal calculation, by including generation from Non-Modeled Generators and energy imported into the ERCOT System during a declared Emergency Condition through each Direct Current Tie (DC Tie) in response to an ERCOT Dispatch Instruction.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	Yes.	Settlements and Billing application; no project required
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR262 as recommended by PRS in the 9/23/10 PRS Report.	
<b>CEO Determination</b>	Necessary Prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

## *NPRR262, Protocol Synchronization for Nodal Implementation Surcharge*

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Item Reviewed	No Impact	Impact	Description
Budget		★	< \$50,000
Staffing	★		
Computer Systems		★	Minor Impacts to S&B
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		

## *NPRR263, Resolution of Alignment Item A99 - Settlement Point Price Calculation When Busses are De-energized*

<b>Purpose</b> (ERCOT)	This NPRR adds the requirement for ERCOT to assign a Locational Marginal Price (LMP) for use in the calculation of Day-Ahead and Real-Time Settlement Point Prices.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	No	
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR263 as recommended by PRS in the 10/4/10 PRS Report and as revised by TAC.	
<b>CEO Determination</b>	Necessary Prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

## *NPRR263, Resolution of Alignment Item A99 - Settlement Point Price Calculation When Busses are De-energized*

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

## *NPRR273, Allow Use of the ONTEST Resource Status to Indicate Resource Startup, Shutdown and Test Operations*

<b>Purpose</b> (ERCOT)	This NPRR expands the use of this Resource Status to provide for Generation Resource operations during start up and shut down of the unit as well as unit testing requirements.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	Yes.	Commercial Systems Integration logic for Settlements and Billing system; no project required
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR273 as recommended by PRS in the 9/23/10 PRS Report.	
<b>CEO Determination</b>	Necessary prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

## *NPRR273, Allow Use of the ONTEST Resource Status to Indicate Resource Startup, Shutdown and Test Operations*

Item Reviewed	No Impact	Impact	Description
Budget		★	< \$50,000
Staffing	★		
Computer Systems		★	Minor Impacts (Settlements and Billing)
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		

## *NPRR274, Generic Startup Costs for Combined Cycle Generation Resources – Removal of Temporal Constraint*

<b>Purpose</b> (ERCOT)	This NPRR removes the Startup Offer Generic Cap Resource Categories for Combined Cycle Generation Resources with less than five hours Off-Line.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	No	
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR274 as recommended by PRS in the 10/4/10 PRS Report.	
<b>CEO Determination</b>	Necessary Prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

## *NPRR274, Generic Startup Costs for Combined Cycle Generation Resources – Removal of Temporal Constraint*

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

## *NPRR279, Resolution of Alignment Item A144 - Clarify Posting of MCPC for DAM and SASM*

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<b>Purpose</b> (ERCOT)	This NPRR conforms the Nodal Protocols to the system and business process implementation for posting of prices from the DAM and any Supplemental Ancillary Services Market (SASM). Reports of clearing prices in the DAM and SASM will be reviewed and if the potential exists for a change in the prices, ERCOT will provide a Market Notice on the MIS Secure Area describing the nature of the error and any conditions that may have caused the error.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	No	
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR279 as recommended by PRS in the 10/4/10 PRS Report.	
<b>CEO Determination</b>	Necessary Prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

*NPRR279, Resolution of Alignment Item A144 - Clarify Posting of MCPC for DAM and SASM*

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

## *NPRR280, Move Shift Factor Posting Requirement to Real-Time*

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<b>Purpose</b> (ERCOT)	This NPRR moves the requirement to post Shift Factor data from the Day-Ahead Operations section (Section 4.2.3) of the Nodal Protocols as a daily posting to the Real-Time operations section (Section 6.5.7.1.13) as an hourly posting.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	No	
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR280 as recommended by PRS in the 10/4/10 PRS Report.	
<b>CEO Determination</b>	Necessary Prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

## *NPRR280, Move Shift Factor Posting Requirement to Real-Time*

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

## *NPRR284, Cost Allocation Zones as They Relate to NOIE Load Zones – As Built Systems*

<b>Purpose</b> (ERCOT)	This Nodal Protocol Revision Request (NPRR) synchronizes the Nodal Protocols with the as-built system. In regards to the association of a Non-Opt-In Entity (NOIE) Load Zone with a Cost Allocation Zone (i.e., a 2003 CM Zone), the ERCOT system was built in alignment with paragraph (2) of Section 7.5.7, Method for Distributing CRR Auction Revenues, not Section 3.4.3(2)(c).	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	No	
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NPRR284 as recommended by PRS in the 10/4/10 PRS Report.	
<b>CEO Determination</b>	Necessary Prior to Go-Live	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

## *NPRR284, Cost Allocation Zones as They Relate to NOIE Load Zones – As Built Systems*

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

## *NOGRR050 – Resolution of Reporting Issues Related to NPRR219*

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<b>Purpose</b> (CenterPoint)	This Nodal Operating Guide Revision Request (NOGRR) proposes revisions to remove the requirement for ERCOT to produce several reports related to Outage Scheduling from the current Nodal Operating Guide and grey-boxing the requirements until such time ERCOT systems can be modified to include only the Transmission Service Provider's (TSP's) Outages in the reports.	
<b>Market Impact</b>	No Impacts	
<b>System Change</b>	Yes.	Minor changes to EDW and MIS; no project required
<b>TAC Vote</b>	On 10/7/10, TAC unanimously voted to recommend approval of NOGRR050 as recommended by PRS in the 10/4/10 PRS Report and to recommend a priority of Critical to the grey-boxed language.	
<b>CEO Determination</b>	Partially Necessary prior to Go-Live; Grey-boxed language is not necessary prior to Go-Live.	
<b>Effective Date</b>	Upon Texas Nodal Market implementation date prescribed in Nodal Protocol Transition Plan.	

## *NOGRR050 – Resolution of Reporting Issues Related to NPRR219*

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Item Reviewed	No Impact	Impact	Description
Budget		★	< \$50K
Staffing	★		
Computer Systems		★	Minor changes to EDW and MIS
Business Functions	★		
Grid Operations	★		
Credit Monitoring/ Liability	★		Not applicable.

# Guide Revision Requests approved by TAC

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- **NOGRR041, Synchronization of Section 2 with Nodal Protocols**
  - This Nodal Operating Guide Revision Request (NOGRR) aligns the Nodal Operating Guides with the Nodal Protocols by adding additional detail to Nodal Operating Guide sections that are referenced in the Nodal Protocols as well as eliminating conflicts and redundancies between the Nodal Operating Guides and Nodal Protocols.
- **NOGRR042, Synchronization of Section 3 with Nodal Protocols**
  - This Nodal Operating Guide Revision Request (NOGRR) aligns the Nodal Operating Guides with the Nodal Protocols by adding additional detail to Nodal Operating Guide sections that are referenced in the Nodal Protocols as well as eliminating conflicts and redundancies between the Nodal Operating Guides and Nodal Protocols.
- **NOGRR043, Synchronization with OGRR208, Voltage Ride-Through (VRT) Requirement**
  - This Nodal Operating Guide Revision Request (NOGRR) relocates generator voltage requirements from Section 6, Disturbance Monitoring and System Protection, to Section 2, System Operation and Control Requirements, and establishes Voltage Ride-Through (VRT) requirements for Wind-powered Generation Resources (WGRs) to synchronize with the zonal Operating Guides.
  - Clarifications to Resource Entity responsibilities regarding reactive capability and communication of changes have also been made.
- **NOGRR045, Synchronization of OGRR219, Time Error Correction**
  - This Nodal Operating Guide Revision Request (NOGRR) synchronizes the Nodal Operating Guides with Operating Guide Revision Request (OGRR) 219, Time Error Correction, which removes the requirement that ERCOT perform time error corrections for accumulated time errors exceeding five seconds.
- **NOGRR046, Synchronization of Sections 4 and 5 with Nodal Protocols**
  - This Nodal Operating Guide Revision Request (NOGRR) aligns the Nodal Operating Guides with the Nodal Protocols by adding additional detail to Nodal Operating Guide sections that are referenced in the Nodal Protocols as well as eliminating conflicts and redundancies between the Nodal Operating Guides and Nodal Protocols.

# Guide Revision Requests approved by TAC

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- **NOGRR047, Synchronization of Sections 6 and 7 with Nodal Protocols**
  - This Nodal Operating Guide Revision Request (NOGRR) aligns the Nodal Operating Guides with the Nodal Protocols by adding additional detail to Nodal Operating Guide sections that are referenced in the Nodal Protocols as well as eliminating conflicts and redundancies between the Nodal Operating Guides and Nodal Protocols.
- **NOGRR051, Synchronization with OGRR192 and OGRR238**
  - This Nodal Operating Guide Revision Request (NOGRR) synchronizes the Nodal Operating Guides with two approved Operating Guide Revision Requests (OGRRs), OGRR192, Combustion Turbine Governor Performance Test Forms, and OGRR238, WGR Primary Frequency Response. This NOGRR also adds new governor performance and Wind-powered Generation Resource (WGR) primary frequency response testing procedures.
- **NOGRR053, Synchronization with OGRR226, Generation Resource Response Time Requirement**
  - This Nodal Operating Guide Revision Request (NOGRR) aligns the Nodal Operating Guides with the zonal Operating Guides by adding language specified for Resource response times for certain directed and automatic actions.
- **RMGRR089, Revisions for Texas Nodal Market Implementation (Part 3)**
  - This Retail Market Guide Revision Request (RMGRR) revises the RMG in anticipation of Texas Nodal Market implementation. This RMGRR also proposes general clean-up of the RMG.
- **RMGRR090, Revisions for Texas Nodal Market Implementation (Part 4)**
  - This Retail Market Guide Revision Request (RMGRR) revises the RMG in anticipation of Texas Nodal Market implementation. This RMGRR also proposes general clean-up of the RMG.
- **SMOGRR009, Submittal Timeline for EPS Metering Design Proposals**
  - This Settlement Metering Operating Guide Revision Request (SMOGRR) changes the timeline for Transmission and/or Distribution Service Provider (TDSP) submittal of ERCOT-Polled Settlement (EPS) Metering Design Proposals.

## Congestion Revenue Right (CRR) Credit Parameters

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- Nodal Protocol Section 7.5.5.3(1)(a)(iii) requires ERCOT Board approval of the CRR Auction credit parameters A and M which are adder and multiplier values that will be used to calculate the additional credit requirements for awarded Point to Point (PTP) Obligations.
- **TAC voted to recommend to the Board to set A at \$0.75 and M at 0 and for TAC to review the parameters again in April 2011.**
- The motion passed via roll call vote with 23 in favor, four opposing votes from the Municipal (3) and Cooperative (1) Market Segments and one abstention for the Independent Power Marketer Market Segment.

# TAC Structural and Procedural Annual Review

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**In summary, the following recommendations were adopted at the October 7, 2010 TAC meeting within the Structural and Procedural Review document:**

- **Each year beginning in July, TAC will conduct a structural and procedural review to report to the October ERCOT Board meeting.**
- **Structural Improvement Recommendations:**
  - Retire the Nodal Advisory Task Force (NATF) post Nodal stabilization
  - Retire the Renewable Technologies Working Group and incorporate remaining work under the Wholesale Market Subcommittee's Emerging Technologies Working Group
  - Retire the following Retail Market Subcommittee Working Group: Retail Metering Working Group, Retail Advanced Meter Processes Task Force, Texas Test Plan Team, MarkeTrak Task Force and the Meter Tampering Task Force.
- **Procedural Improvement Recommendations:**
  - TAC and its subcommittees will continue to evaluate the meeting calendar for efficiencies
  - Utilize a consent agenda for all Nodal Protocol Revision Requests (NPRRs) that are unanimously approved at PRS
  - Instruct the Protocol Revision Subcommittee to develop a set of alternative approaches to encourage the timely filing of comments
  - Request subcommittee recommendations related to the voting structure of each subcommittee
  - Request ERCOT staff to draft an NPRR that reflects a 14 day versus 21 day initial comment period for new NPRRs.

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# **Notice of Additional TAC Voting Items**

## **No Board Action Required**

# Generation Resource Energy Deployment (GREDP) Variables

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- Nodal Protocol 8.1.1.4.1(10) states:
  - “The GREDP/CLREDP performance criteria in paragraphs (7) through (9) above shall be reviewed and set by the TAC two months before the Texas Nodal Market Implementation Date (TNMID). The performance criteria will be subject to review by TAC beginning two months after the TNMID and as deemed necessary.”
- X, Y, and Z are parameters which are used to determine how a Resource or DSR Portfolio performed for a given 5 minute interval
- Generation Resource Energy Deployment Performance (GREDP) is a measure used for Generation Resources and DSR Portfolios
- Controllable Load Resource Energy Deployment Performance (CLREDP) is a measure used for Controllable Load Resources
- GREDP and CLREDP are measured in both % and MW.

# Generation Resource Energy Deployment (GREDP) Variables

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- Non-IRR Generation Resources, DSR Portfolios, and Controllable Load Resources must have a:
  - GREDP/CLREDP less than the greater of X% or Y MW for 85% of the five-minute clock intervals in the month during which GREDP/CLREDP was calculated
- Intermittent Renewable Resources (IRRs) must have a:
  - GREDP less than Z% or the net MW output must be less than the expected MW output for 95% of the five-minute clock intervals in the month during which GREDP was calculated
  - For IRRs, GREDP is only considered when the IRR has been curtailed
- Further details about GREDP/CLREDP can be found in 8.1.1.4.1 of the Nodal Protocols

**TAC voted to set the GREDP performance criteria variables to:**

**X = 8%, Y= 8 MW and Z= 10%.**

# Load Distribution Factors Methodology

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Nodal Protocol Section 4.5.1(5), DAM Clearing Process, requires ERCOT to develop a methodology, subject to TAC approval to describe the modification of the proxy day bus-load distribution.

**TAC voted to approve the Load Distribution Factors Methodology and to request that ERCOT develop analytic tools and reporting to determine the accuracy of the method.**

# Nodal Non-Spinning Reserve Service Deployment Procedure

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Nodal Protocol Section 6.5.7.6.2.3(1), Non-Spinning Reserve Service Deployment, requires ERCOT to develop a procedure to be approved by TAC to deploy Resources providing Non-Spinning Reserve Service.

**TAC voted to approve the Nodal Non-Spinning Reserve Service Deployment Procedure.**

## Future Agenda Items

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- **Texas Renewables Integration Plan**