



TAC Update

Brad Jones
TAC Chair

ERCOT Board Meeting
May 18, 2010

TAC Report Summary

- 2 PRRs for Board approval
- 4 NPRRs for Board approval
- 1st Quarter 2010 Renewables Report
- Report on Approved Guide Revision Requests
- Preview: Future Board meetings

Protocol Revision Requests

- PRR833, Primary Frequency Response Requirement from Existing WGRs
- PRR844, Transmission and/or Distribution Service Provider (TDSP) Definition Revision

PRR833, Primary Frequency Response Requirement from Existing WGRs

Purpose (CPS Energy)	This PRR places a Primary Frequency Response requirement on WGRs that was not covered by PRR824, Primary Frequency Response from WGRs.	
Benefit	Possible added reliability and similar treatment for existing WGRs as that given to prospective wind farms. Maintain system frequency better with additional wind generation in the ERCOT Region, which shall allow greater utilization of wind generation.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 4/8/10, TAC recommended approval of PRR833 as revised by the 3/26/10 WMS comments. The motion carried via roll call vote.	
CEO Determination	No opinion on necessity prior to go-live	
Effective Date	June 1, 2010	

PRR833, Primary Frequency Response Requirement from Existing WGRs

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

PRR844, Transmission and/or Distribution Service Provider (TDSP) Definition Revision

Purpose (ERCOT)	This PRR revises the definition of TDSP to include Entities that have been selected to own and operate Transmission Facilities and have a code of conduct approved by the PUCT.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 4/8/10, TAC unanimously voted to recommend approval of PRR844 as recommended by PRS in the 3/25/10 PRS Report.	
CEO Determination	No opinion on necessity prior to go-live	
Effective Date	June 1, 2010	

PRR844, Transmission and/or Distribution Service Provider (TDSP) Definition Revision

Item Reviewed	No Impact	Impact	Description
Budget	★		
Staffing	★		
Computer Systems	★		
Business Functions		★	Minor modifications to TDSP application process with ERCOT
Grid Operations	★		
Credit Monitoring/ Liability	★		

Nodal Protocol Revision Requests

For Inclusion in the Nodal Parking Deck:

- None

For Texas Nodal Market Implementation Date:

- NPRR205, Transmission and/or Distribution Service Provider (TDSP) Definition
- NPRR208, Registration and Settlement of Distributed Generation (DG) Less than One MW
- NPRR211, Clarify Capacity Obligations of Energy Trades (formerly “Modify REC Capacity Short Charge to Use Final Energy Trades”)
- NPRR214, Wind-powered Generation Resource (WGR) High Sustained Limit (HSL) Update Process

NPRR205, Transmission and/or Distribution Service Provider (TDSP) Definition Revision

Purpose (ERCOT)	This NPRR revises the definition of TDSP to include Entities that have been selected to own and operate Transmission Facilities and have a code of conduct approved by the PUCT.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 5/6/10, TAC unanimously voted to recommend approval of NPRR205 as recommended by PRS in the 3/25/10 PRS Recommendation Report.	
CEO Determination	Necessary for Go-Live	
Effective Date	Upon Texas Nodal Market Implementation	

NPRR205, Transmission and/or Distribution Service Provider (TDSP) Definition Revision

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	No	N/A
TAC Vote	On 5/6/10, TAC voted to recommend approval of NPRR208 as recommended by PRS in the 3/25/10 PRS Recommendation Report and as revised by TAC. There was one opposing vote from the Consumer Market Segment and one abstention from the Independent Retail Electric Provider (IREP) Market Segment.	
CEO Determination	No opinion on necessity prior to go-live	
Effective Date	Upon Texas Nodal Market Implementation	

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	★		

NPRR211, Clarify Capacity Obligations of Energy Trades (formerly "Modify RUC Capacity Short Charge to Use Final Energy Trades")

Purpose (J Aron)	This NPRR specifies that Energy Trades representing firm physical products that are entered and confirmed through ERCOT must be submitted by 1430 in the Day-Ahead for the Operating Day, and that Energy Trades representing firm physical products that are executed during the adjustment period and confirmed through ERCOT must be submitted prior to the next Hourly Reliability Unit Commitment (HRUC) execution.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	On 5/6/10, TAC voted to recommend approval of NPRR211 as recommended by PRS in the 4/22/10 PRS Recommendation Report. There were two abstentions from the Investor Owned Utility (IOU) and Independent Generator Market Segments.	
CEO Determination	No opinion on necessity prior to go-live	
Effective Date	Upon Texas Nodal Market Implementation	

*NPRR211, Clarify Capacity Obligations of Energy Trades (formerly
"Modify RUC Capacity Short Charge to Use Final Energy Trades")*

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

NPRR214, Wind-powered Generation Resource (WGR) High Sustained Limit (HSL) Update Process

Purpose (Wind Coalition)	This NPRR establishes the specific timing of the WGR's HSL update to ERCOT and specifies that, when not curtailed, the WGR's HSL should equal the WGR's current meter reading.	
Market Impact	None.	
System Change	None.	N/A
TAC Vote	On 5/6/10, TAC unanimously voted to recommend approval of NPRR214 as recommended by PRS in the 4/22/10 PRS Recommendation Report.	
CEO Determination	No opinion on necessity prior to go-live	
Effective Date	Upon Texas Nodal Market Implementation	

NPRR214, Wind-powered Generation Resource (WGR) High Sustained Limit (HSL) Update Process

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

Nodal Parking Deck - Approved by ERCOT Board

Source Document	Title	Priority	Current Status
NPRR131	Ancillary Service Trades with ERCOT	High	Board Approved 1/19/10
NPRR181	FIP Definition Revision	High	Board Approved 1/19/10
NPRR153	Generation Resource Fixed Quantity Block Offer	Medium	Board Approved 1/19/10
NPRR164	Resubmitting Ancillary Service offers in SASM	Medium	Board Approved 1/19/10
SCR755	ERCOT.com Website Enhancements	Medium	Board approved 2/16/10

1st Quarter Renewables Report

- At the end of March 2010, ERCOT had 9,117 MW of “new” wind generation in operation, where “new” represents capacity added since September 1, 1999.
- In addition, there were approximately 1.2 MW of new solar, 40.3 MW of new biomass, 33.1 MW of new hydro and 80.3 MW of new landfill gas renewable generation in operation. Thus, the total new renewable capacity in ERCOT as of March 31, 2010 is approximately 9,272 MW.*
- The Penescal Wind Farm in Kenedy County (201 MW) became operational in the first quarter of 2010.
- Wind generation provided 8.4% of the total energy produced in ERCOT from January 1, 2010 through March 31, 2010.

* It was discussed at TAC that the 1.2 MW of reported new solar generation likely under-represents the true amount of solar capacity installed in ERCOT since 1999. An update to this section of the report will be provided during the TAC Report to the Board on May 18

Guide Revision Requests approved by TAC

- NOGRR032, Use of Consistent Rating Terminology
- NOGRR033, Alignment with NPRR203, Amend Telemetry Bus Accuracy Requirements

Preview: Issues for Consideration at Future Board Meetings

- NPRR091, Scarcity Pricing and Mitigated Offer Cap During the Period Commencing on the Nodal Market Implementation Date and Continuing for a Total of 45 Days (June)