

Technical Advisory Committee

Presentation to the
ERCOT Board of Directors
December 15, 2009

TAC Report Summary

- 5 PRRs for Board approval
- 1 NPRR for Board approval
- Report on Approved Guide Revision Requests
- Preview: January Board meeting

Protocol Revision Requests

PRR 821 Update of Section 21, Process for Protocol Revision

PRR 824 Primary Frequency Response from WGRs

PRR 827 Find Transaction and Find ESI ID Functions on the MIS

PRR 839 Revised Resource Category Generic Fuel Cost -
URGENT

PRR 840 Update Trading Hub Conversion for 2010
Congestion Zones - URGENT

RR821, Update of Section 21, Process for Protocol Revision

Purpose (ERCOT)	Updates Section 21 to more effectively align with the current stakeholder process. Changes were made to bring consistency between the PRR, SCR, and NPRR processes, where applicable; remove arbitrary or conflicting timelines; clarify commenting process; expand on a revision request being deemed rejected to include email voting for the TAC; and include administrative changes and clean up.	
Benefit	A clearly defined revision process for transparency.	
Market Impact	N/A	
System Change	No	N/A
Assumptions	N/A	
TAC Vote	TAC unanimously recommended approval with NextEra comments and as amended by TAC; all Market Segments were present.	
CEO Determination	No opinion	
Effective Date	January 1, 2010	

RR821, Update of Section 21, Process for Protocol Revision

<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>	★		

PRR824, Primary Frequency Response from WGRs

Purpose (ROS)	Adds a requirement for wind generator control systems to be programmed to respond to frequency deviations by controlling Wind-powered Generation Resource (WGR) real power output in a way that is similar to governor response for conventional steam generators.	
Benefit	Maintain system frequency better with additional wind generation in the ERCOT Region, which shall allow greater utilization of wind generation and improve the reliability of the ERCOT System.	
Market Impact	N/A	
System Change	No	N/A
Assumptions	N/A	
TAC Vote	TAC unanimously voted to recommend approval with ERCOT comments; all Market Segments were present.	
CEO Determination	No opinion	
Effective Date	January 1, 2010	

PRR824, Primary Frequency Response from WGRs

<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>	★		

PRR827, Find Transaction and Find ESI ID Functions on the MIS

Purpose (ERCOT)	Updates the Protocols to reflect current options that Market Participants have to obtain information from ERCOT in order to determine or to verify the Electric Service Identifier (ESI ID) for a Service Delivery Point (SDP).	
Benefit	Protocols that reflect current ERCOT functionality.	
Market Impact	N/A	
System Change	No	N/A
Assumptions	N/A	
TAC Vote	TAC unanimously recommended approval as presented by PRS; all Market Segments were present.	
CEO Determination	No opinion	
Effective Date	January 1, 2010	

PRR827, Find Transaction and Find ESI ID Functions on the MIS

<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>	★		

PRR839, Revised Resource Category Generic Fuel Costs – URGENT

Purpose (AEP)	This PRR revises the Resource Category Generic Fuel Cost (RCGFC) for Direct Current (DC) Tie with non-ERCOT Control Area and Block Load Transfer (BLT) Resources to synchronize with the Nodal Protocols and to allow cost recovery for supplying this service.	
Benefit	Increases the reliability of the ERCOT Transmission Grid and ERCOT System.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	TAC voted to recommend the PRR as presented by PRS. There were three opposing votes from the Consumer Market Segment and one abstention from the Independent Generator Market Segment. All Market Segments were present.	
CEO Determination	No opinion	
Effective Date	January 1, 2010	

PRR839, Revised Resource Category Generic

Fuel Costs – URGENT

<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>	★		

*PRR840, Update Trading Hub Conversion for 2010 Congestion Zones – **URGENT***

Purpose (ERCOT)	This PRR synchronizes the ERCOT Protocols to reflect the 2010 Commercially Significant Constraint (CSC) definitions, approved by the ERCOT Board on September 15, 2009, as it affects the Trading Hub calculations for 2010 (several transmission buses moved between Congestion Zones). As such, the calculation for converting transactions at Trading Hubs to existing Congestion Zones is revised.	
Benefit	Provides the correct Congestion Zone to Trading Hub conversion factors.	
Market Impact	N/A	
System Change	No	N/A
TAC Vote	TAC voted unanimously to approve the PRR as presented by PRS. All Market Segments were present.	
CEO Determination	No opinion	
Effective Date	January 1, 2010	

PRR840, Update Trading Hub Conversion for 2010 Congestion Zones – URGENT

<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>	★		

Nodal Protocol Revision Requests

NPRR 196 Synchronization of Nodal Protocols with
PRR 827, Find Transaction and Find ESI ID
Functions on the MIS

NPRR196, Synchronization of Nodal Protocols with PRR827, Find Transaction and Find ESI ID Functions on the MIS

Purpose (ERCOT)	Synchronizes the Nodal Protocols with PRR827, Find Transaction and Find ESI ID functions on the Market Information System (MIS).	
Benefit	Synchronized Protocols	
Market Impact	N/A	
System Change	No	N/A
Assumptions	N/A	
TAC Vote	TAC unanimously recommended approval as presented by PRS; all Market Segments were present.	
CEO Determination	Necessary prior to the Texas Nodal Market Implementation Date	
Effective Date	Upon Nodal Implementation	

NPRR196, Synchronization of Nodal Protocols with PRR827, Find Transaction and Find ESI ID Functions on the MIS

<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>	★		

Guide Revision Requests approved by TAC

OGRR 226 Generation Resource Response Time Requirement

OGRR 237 Clarify the WGR Voltage Ride-Through Requirement

RMGRR 081 Texas New Mexico Power Updates to Processes and
Contact Information

Preview: January Board meeting

- PRR 832 Deletion of SCE Posting Requirement
- Items for NPRR Parking Deck