

Board Action Report

PRR Number	777	PRR Title	WGR QSE Metric Correction
Timeline	Urgent	Action	Motion Failed
Date of Decision	November 17, 2008		
Protocol Sections Requiring Revision	4.10.5, Day Ahead Zonal Schedule Measure 4.10.6, Adjustment Period Zonal Schedule Measure		
Proposed Effective Date	To be determined.		
Priority and Rank Assigned	Not applicable.		
Revision Description	This Protocol Revision Request (PRR) exempts Wind-powered Generation Resource (WGR) Qualified Scheduling Entities (QSEs) from the Resource Plan metric that compares Day Ahead and Adjustment Period schedules to Resource Plans.		
Overall Market Benefit	WGR QSE compliance.		
Overall Market Impact	None.		
Consumer Impact	None.		
Credit Impacts	ERCOT Credit Staff and the Credit Work Group (Credit WG) have reviewed PRR777 and do not believe that it requires changes to credit monitoring activity or the calculation of liability.		
Procedural History	<ul style="list-style-type: none"> ➤ On 9/18/08, PRR777 was posted. ➤ On 10/22/08, QSE Managers Working Group (QMWG) comments were posted. ➤ On 10/23/08, PRS considered PRR777. ➤ On 11/4/08, an Impact Analysis was posted. ➤ On 11/6/08, TAC considered PRR777. ➤ On 11/17/08, the ERCOT Board considered PRR777. 		
PRS Decision	On 10/23/08, PRS unanimously voted to grant PRR777 Urgent status. PRS also unanimously voted to recommend approval of PRR777 as amended by QMWG comments. All Market Segments were present for the vote.		
Summary of PRS Discussion	On 10/23/08, it was stated that since PRR763, Use of WGRPP as Planned Operating Level in Day-Ahead Resource Plan for WGRs, had passed, Resource schedules no longer match Resource Plans. It was pointed out that at the 10/22/08 WMS meeting, the TRE recognized that WGRs may fail the WGR QSE metric in the recent scoring period.		
TAC Decision	On 11/6/08, TAC unanimously voted to recommend approval of PRR777 as recommended by PRS. All Market Segments were		

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	present for the vote.
Summary of TAC Discussion	On 11/6/08, there was no discussion.
Board Decision	On 11/17/08, the motion to approve PRR777 failed.

ERCOT/Market Segment Impacts and Benefits

Assumptions	1	<i>None.</i>	
	2		
	3		
	4		
Market Cost		Impact Area	Monetary Impact
	1	<i>None.</i>	<i>None.</i>
	2		
	3		
Market Benefit		Impact Area	Monetary Impact
	1	<i>WGR QSE Compliance.</i>	<i>None.</i>
	2		
	3		
Additional Qualitative Information	1		
	2		
	3		
	4		
Other Comments	1	<i>This metric does not provide value when measuring WGR QSEs.</i>	
	2		
	3		
	4		

Comments Received	
Comment Author	Comment Summary
QMWG 102208	Proposed that this metric remain in effect for WGR only QSEs as removal of this requirement could complicate ERCOT's use of the manually entered balancing offset adjustment. Noted that WMS endorsed these comments at their 10/22/08 meeting.

Original Sponsor	
Name	Clayton Greer
Company	J Aron
Market Segment	Independent Power Marketers

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Proposed Protocol Language Revision

4.10.5 Day Ahead Zonal Schedule Measure

The “Day Ahead Zonal Schedule Measure” compares each QSE’s zonal energy schedule to the QSE’s aggregated planned operating level for that Congestion Zone at the time a Day Ahead Schedule validation, as described in Section 4.7, Validation and Correction of Schedule Data, is run and approved. The QSE’s zonal energy schedule and the aggregated planned operating level for that Congestion Zone for all twenty-four (24) hours of the next day are recorded at the time of the Day Ahead Schedule validation. The QSE’s zonal energy schedules for each 15-minute interval in an hour are averaged over the entire hour to create the QSE’s average zonal energy schedule. The planned operating level for all Resources in a Congestion Zone are aggregated by QSE for each hour to create the QSE’s aggregated planned operating level. If multiple Day Ahead Schedule validations are run on a particular day, only the first approved Day Ahead Schedule validation is used. Only hours when the zonal energy schedule is greater than zero (0) MW are considered in this measure.

An Occurrence is recorded for a Congestion Zone for a given hour if the QSE’s zonal energy schedule and the aggregated planned operating level for that Congestion Zone differ by the greater of two percent (2%) of the zonal energy schedule or one (1) MW. Only one (1) Occurrence can be recorded per Congestion Zone per hour per QSE. To determine the QSE Measure Score for the Day Ahead Zonal Schedule Measure, Occurrences are summed for all Congestion Zones for every hour in a given month, and divided by the number of Congestion Zones multiplied by the total number of hours in that month where the QSE’s zonal energy schedule in a Congestion Zone for a particular hour is greater than zero (0) MW.

[This metric does not apply to Wind-powered Generation Resource \(WGR\) QSEs who submit ERCOT provided Resource Plans in compliance with Section 4.4.15 QSE Resource Plans.](#)

4.10.6 Adjustment Period Zonal Schedule Measure

The “Adjustment Period Zonal Schedule Measure” compares each QSE’s zonal energy schedule to the aggregated planned operating level for that Congestion Zone before the start of the Operating Hour. Each QSE’s zonal energy schedule used to calculate this measure is taken at the end of the Adjustment Period. The last Resource Plan submitted before the start of the Operating Hour but after the end of the Adjustment Period is used. The QSE’s zonal energy schedules for each fifteen (15) minute interval in an hour are averaged over the entire hour to create the QSE’s average zonal energy schedule. The planned operating level for all Resources in a Congestion Zone are aggregated by QSE for each hour to create the QSE’s aggregated planned operating level. Only hours when the zonal energy schedule is greater than zero (0) MW are considered in this measure.

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An Occurrence is recorded for a Congestion Zone for a given hour if the QSE's zonal energy schedule and the aggregated planned operating level for that Congestion Zone differ by the greater of two percent (2%) of the zonal energy schedule or one (1) MW. Only one (1) Occurrence can be recorded per Congestion Zone per hour per QSE. To determine the QSE Measure Score for the Adjustment Period Zonal Schedule Measure, Occurrences are summed for all Congestion Zones for every hour in a given month, and divided by the number of Congestion Zones multiplied by the total number of hours in that month when the QSE's zonal energy schedule in a Congestion Zone for a particular hour is greater than zero (0) MW.

Any hour where a QSE updated its Resource Plan before the start of or during the Operating Hour but after the end of the Adjustment Period and failed to pass this measure for that interval will be excluded in the calculation of this measure.

~~This metric does not apply to Wind-powered Generation Resource (WGR) QSEs who submit ERCOT provided Resource Plans in compliance with Section 4.4.15 QSE Resource Plans.~~