

Metrics Overview

6.06.2008



Note: All information contained in these pages is current as of 5pm on 6.05.2008.
Information is subject to subsequent change.
Dates/deadlines within the metrics have not been updated based on recent changes in schedule.

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Market Participants

	Engagement	Connectivity	Registration and Qualification	Telemetry	Training	Trials Participation	Overall
ALL MARKET PARTICIPANTS							
Qualified Scheduling Entities with Resources (QSEs with R)							
Qualified Scheduling Entities without Resources (QSEs)							
Transmission/ Distribution Service Providers (TDSPs)							
Load Serving Entities (LSEs)							

Data as of 5pm - 6.5.2008

MPs are currently amber.

Amber status is driven by "Registration and Qualification".
 Within "Registration and Qualification" metrics MP10 (resource to node mapping) and MP11 (RARF data) are causing the amber status.
 MP11 (RARF data) has improved - several entities have submitted data - only 8 of 215 RARFs remain outstanding.
 Outreach efforts are underway to the LSEs (MP19).

Changes from last update:

QSEs status has changed from amber to green in all categories.
 This change was driven by a re-examination of the market share allocation calculation.

QSEs with Resources		
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Engagement		
Metric	Description	Status
MP1	MP Engagement	

Connectivity		
Metric	Description	Status
MP2	QSE with Resources Connectivity to EDS Environment	
MP3	QSE with Resources Upload of SCED Offers to EDS	
MP20	MP Ability to Submit Outages	

Registration & Qualification		
Metric	Description	Status
MP8	QSE, AP & RTM MIS and Web Service Transactions	
MP9	QSE, DAM MIS and Web Service Transactions	
MP10	Mapping of Res. to Res. Nodes and Res. to Revenue Quality Meters	
MP11	MP Registration Activities	
MP17	MP Qualification Activities	
MP18	Mapping of Resources and Loads in Private Area Networks	

Telemetry		
Metric	Description	Status
MP5	ICCP Point to Point Telemetry Test	
MP6	QSE and TSP Telemetry/ICCP System Availability	

Training		
Metric	Description	Status
MP12	MP Completes EDS 3 Related Training	
MP13	MP Completes EDS 4 Related Training	

Trials Participation		
Metric	Description	Status
MP14	MP EDS 2 Trials Participation	
MP15	MP EDS 3 Trials Participation	
MP16	MP EDS 4 Trials Participation	

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QSEs without Resources

Engagement

Metric	Description	Status
MP1	MP Engagement	

Registration & Qualification

Metric	Description	Status
MP8	QSE, AP & RTM MIS and Web Service Transactions	
MP9	QSE, DAM MIS and Web Service Transactions	
MP10	Mapping of Res. to Res. Nodes and Res. to Revenue Quality Meters	
MP11	MP Registration Activities	
MP17	MP Qualification Activities	
MP18	Mapping of Resources and Loads in Private Area Networks	

Training

Metric	Description	Status
MP12	MP Completes EDS 3 Related Training	
MP13	MP Completes EDS 4 Related Training	

Trials Participation

Metric	Description	Status
MP14	MP EDS 2 Trials Participation	
MP15	MP EDS 3 Trials Participation	
MP16	MP EDS 4 Trials Participation	

Data as of 5pm - 6.5.2008

TDSPs

Engagement

Metric	Description	Status
MP1	MP Engagement	

Telemetry

Metric	Description	Status
MP5	ICCP Point to Point Telemetry Test	
MP6	QSE and TSP Telemetry/ICCP System Availability	

Training

Metric	Description	Status
MP12	MP Completes EDS 3 Related Training	
MP13	MP Completes EDS 4 Related Training	

Trials Participation

Metric	Description	Status
MP14	MP EDS 2 Trials Participation	
MP15	MP EDS 3 Trials Participation	
MP16	MP EDS 4 Trials Participation	

Data as of 5pm - 6.5.2008

LSEs

Engagement

Metric	Description	Status
MP19	Load Serving Entities Engagement and Readiness	

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ERCOT Staff Readiness

	Engagement	Training	Process	Staffing	Test
ERCOT Staff Readiness					
Information Technology	E 0	E 1	E 8	E 9	none
System Operations	E 0	E 1	E 8	E 9	none
Market Operations	E 0	E 1	E 8	E 9	none
System Planning	E 0	E 1	E 8	E 9	none
Corporate	E 0	E 1	E 8	E 9	none

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ERCOT Staff Readiness is currently amber.

On June 1st the RAG (red-amber-green) rule for the staffing metric changed to state that ERCOT must be 95% staffed or better to achieve green status. ERCOT is currently ~93% staffed. This is driving the amber status.

Changes from last update:

Staffing (E9) changed from green to amber for all departments (explained above).

Overall ERCOT Staff Readiness changed from green to amber due to the staffing change.

EDS 1		
Metric	Description	Status
N2.1	ERCOT Telemetry/ICCP System Failover	

Data as of 5pm - 6.5.2008

EDS 1 is currently green.
 No recent status changes.
 Status is acceptable.

EDS 2		
Metric	Description	Status
E3	Validate Telemetry/SE EDW/MIS Access & Data Accuracy	Red
EMO1	Network Security Analysis & Transmission Constraint Management	Yellow
EMO9	Validate Zonal and Nodal Common Constraints	Red
N3	Validate SE Performance and Accuracy	Red
EMO12	Network Operations Model and SE Performance	Red

Data as of 5pm - 6.5.2008

EDS 2 is currently red.

No recent status changes.

E3	EDW is working on reports, SE (state estimator) reports are being validated, telemetry reports are still in DEV (development) - finding a way to validate Estimated amber/green status: six weeks
EMO9	Need SE (state estimator) data to converge accurately - dependent upon consistent telemetry data from MPs Estimated amber/green status: after E3 and N3
N3	Metric requires 3 solid months of "good" data - not likely to happen until 168-Hour Test - talked to TPTF about modifying metric but they did not want to change it Estimated amber/green status: 168-Hour Test (existing schedule)
EMO12	Initially there were 338 unobservable buses, now there are only 80 - working with TSPs to fix the remaining issues Estimated amber/green status: four weeks

EDS 3		
Metric	Description	Status
CRR2	Develop TCR to CRR Transition Plan	Green
CRR3	Trial Operation of Monthly CRR Auction	Green
CRR4	Implement TCR to CRR Transition Plan	White
CRR5	Trial Operation of Annual CRR Auction during Trials	Yellow
EMO5	Verify ACE Performance	Green
EMO6	QSE Response to Dispatch	Green
MO4	Verify Base Point Generation	Yellow
MO5	Generate LMPs for 6 months	Yellow

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EDS 3 is currently amber.

No recent status changes.

Trend within metrics is positive.

EDS 4		
Metric	Description	Status
CO1	Settle Market for 7 Days and provide appropriate extracts	
CO2	Verify Dispute Process	
CO3	Verify DAM Settlement Statements	
CO4	Zonal/Nodal Coordinated Settlement Operations	
CO5	Verify RTM Settlement Statements	
CO6	Verify RTM Settlement Invoices	
CO7	Verify DAM Invoices	
CO8	Verify CRR Auction Invoices	
CO9	Verify Financial Transfer and Processing	
CO10	Verify Credit Calculations	
E2	Verify ERCOT Performance Monitoring Test Plan	
E6	Develop Nodal Operating Guides	
E7	Validate EDW WEMM Access & Accuracy	
E10	Validate EDW Commercial Systems Access & Accuracy	
E11	Validate EDW Compliance Data Access	
E12	MIS Compliance Test	
E14	Verify QSE Performance Monitoring Test Plan	
E15	Verify TSP Performance Monitoring Test Plan	
EMO2	Verify Voltage Support Functionality	
EMO3	Verify Outage Evaluation System Functionality	
EMO7	Verify Load Forecast Accuracy	
EMO8	Conduct EECF Test	
N1	ERCOT Telemetry Alarm Processing	
MO3	Verify Supplemental Ancillary Services Market (SASM)	
C10	Verify Single Point of Failure Recovery EMS/MMS/NMMS/CRR/COMS	
EMO13	Operating Personnel and Facilities Readiness	
MO7	ERCOT Operating Personnel and Facilities Readiness	
N4	Network Modeling Single Entry	
N2.2	ERCOT Telemetry/ICCP System Failover	

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EDS 4 is currently red.

No recent status changes.

EMO3	Dependent upon EMS 5 delivery - EMS 5 is scheduled to leave FAT (functional acceptance testing) on June 13th Estimated amber status: June 13th (plus one week for migration)
N2.2	Hardware was just received two weeks ago - MPs are in the process of connecting to the new hardware Estimated amber/green status: four weeks

ORMS		
Metric	Description	Status
E4	Price Protection Mechanisms	
E5	Nodal SAS 70 Preparedness	
C1	Contingency Plan for Weekly, Daily and Hourly RUC Failure	
C2	Contingency Plan for DAM / LMP Failure	
C3	Contingency Plan for ICCP Data Failure	
C4	Contingency Plan for SCED Failure	
C5	Contingency Plans for Key Settlement and Financial Transfer Processes	
C6	Develop Plan for SE Failure	
C7	Contingency Plan for a Backup Facility	
C8	Contingency Plan for Portal/API Failure	
C9	Contingency Plan for Site Unavailability	
IMMI1	Market Monitor Systems Capability	
R0	Market Participants Operations Readiness	
R1	Nodal Readiness Declaration	
R2	Develop Texas Nodal Market Launch Plan	
R3	168-Hour System Stability Test and Trial Real Time Settlement	

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ORMS is currently amber.

No recent status changes.

Several metrics are not yet being measured - will go active in August.