

ERCOT Staff

DSWG Meeting 9/10/2010

Simulated Load Resource Deployment Test – 8/30 and 8/31

- Test Script/Procedure Highlights
 - DAM run on 8/30
 - COPS updated by QSEs
 - Group 1 and Group 2 Assignments made after DRUC
 - Telemetry updated by QSEs going into the Adjustment and Operating Period
 - Simulated a system wide deployment on 8/31
 - XML and VDI issued to Group 1 followed by similar set up instructions for Group 2
 - Resources recalled all at once using XML and VDI

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- Observations
 - Amount of NCLR offers plus self arranged NCLR providing RRS exceeded 1150 MW
 - Approximately 200 MW of offers were not selected
 - Several QSEs did not have COPS that reflected the amount of RRS that was self arranged or awarded
 - Significant number of bad Resource status codes-OUTL, ONRL, ONRRCLR, or ONRGL are only valid codes for LRs
 - Several QSEs did not receive XML messages—most appear to be due to invalid codes or incorrect telemetry

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- Results/Lessons Learned
 - COPS need to be updated prior to DRUC in order to get a good initial set of Group 1 and 2 Resources
 - Telemetry status needs to be updated entering the Adjustment/Operating Period
 - Telemetry status needs to be updated after dispatch
 - Need to address redispatching that occurs at the top of each hour
 - Need to address redispatching that occurs every time a new deployment goes out
 - Need to identify key QSE Operations personnel to send test parameters/procedures
 - Need to try additional deployment permutations (e.g. individual, system wide, Houston Area IROL)



Simulated Load Resource Deployment Test

- Next Steps
 - No testing scheduled during 168 hour test
 - Next system wide test will be done 9/20 & 9/21
 - May try to do some one on one testing with QSEs after the end of 168 hour test (next Thursday and Friday—923 & 9/24)

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MIS Reports for RRS Deployments

Nodal Operating Guides

9.4.3 Resource-Specific Responsive Reserve Performance

ERCOT shall develop monthly reports detailing Resource-specific Responsive Reserve (RRS) performance during deployments, including Load Resources, based on criteria described in Protocol Section 8.1.1.4.2.



MIS Reports for RRS Deployments

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Monthly Responsive Reserve Performance Report - Non-CLR Load Resource Performance Data

(Excludes Controllable Load Resources)

<Reporting Month>

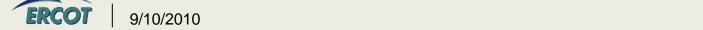
<QSE-A Name>

Resource Name	Deployment Time	Recall Time	Resource Schedule Update Performance	Resource Deployment Performance	Return To Responsibility Performance
	D1	R1	PASS	PASS	PASS
Resource1	D2	R2	PASS	PASS	PASS
vezonicei	D3	R3	PASS	PASS	PASS
	D4	R4	FAIL	PASS	PASS
	D1	R1	PASS	PASS	PASS
Resource2	D2	R2	PASS	PASS	PASS
Nesourcez	D3	R3	PASS	FAIL	PASS
	D4	R4	PASS	PASS	PASS

<QSE-B Name>

Resource Name	Deployment Time	Recall Time	Resource Schedule Update Performance	Resource Deployment Performance	Return To Responsibility Performance
	D1	R1	PASS	PASS	PASS
Resource3	D2	R2	PASS	PASS	PASS
resources	D3	R3	PASS	PASS	PASS
	D4	R4	PASS	FAIL	PASS
	D1	R1	PASS	PASS	PASS
Resource4	D2	R2	PASS	PASS	PASS
Nesource4	D3	R3	PASS	PASS	PASS
	D4	R4	PASS	PASS	PASS

<Report execution datetime stamp>



MIS Reports for RRS Deployments MIS Reports for RRS Deployments

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Monthly Responsive Reserve Performance Report - QSE Performance Data

<Reporting Month>

<QSE-A Name>

Deployment Time	Recall Time	Resource Schedule Update Performance	Resource Portfolio Performance	
D1	R1	FAIL	PASS	
D2	R2	PASS	PASS	
D3	R3	PASS	PASS	
D4	R4	PASS	PASS	

<QSE-B Name>

Deployment Time	Recall Time	Resource Schedule Update Performance	Resource Portfolio Performance
D1	R1	FAIL	PASS
D2	R2	PASS	PASS
D3	R3	PASS	PASS
D4	R4	PASS	PASS

<Report execution datetime stamp>



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