

ERCOT Nodal Program Cut-Over Timeline

Sep 2010

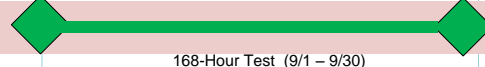
Oct 2010

Nov 2010

Dec 2010

Jan 2011

Nodal Project



168-Hour Test (9/1 – 9/30)



Daylight Savings Time (11/7)



Nodal Go-Live 00:00:01 (12/1)

RTM/SCED



ERCOT grid operations switch to Nodal at 14:00 (11/30)

CRR



ERCOT start accepting PCRR Nominations for Dec 2010 Auction (10/13)



Post Model for CRR Auction (10/20)
ERCOT to allocate PCRRs to NOIEs for Dec 2010 Auction (10/20)



ERCOT to post the Dec 2010 Monthly Auction Notice (10/24)



Start Bid/Offer Submission Window for Dec 2010 CRR Auction (11/4–11/10)



Run Dec 2010 CRR Auction (11/11)



Publication of Dec. 2010 Monthly CRR Auction Results (11/16)



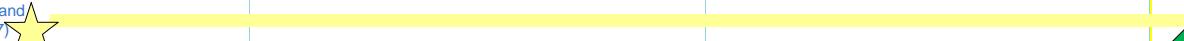
ERCOT Ends Approval of Zonal Outages (12/8)

Outage Scheduler



MPs Enter Production Outages in Nodal Go-Live OS for Dec. and Beyond (9/1)

MPs and ERCOT should attempt to maintain both Zonal and Nodal in support of 168-Hour Test (9/1 – 9/30)



ERCOT Begin Approving/Rejecting Outages in Production using both Zonal and Nodal Systems (9/15 - 12/7)

DAM / RUC / SASM



Market Submission Opens (11/23)



ERCOT Executes a Binding DA Market (11/30)

Settlements / COMS



Publication of Dec. 2010 Monthly CRR Auction Invoice (11/17)



Payment Due for Dec 2010 CRR Auction (11/22)



ERCOT pay CR Account Holders Rowed from Dec 2010 Auction (11/23)

CMM



ERCOT Provides Initial Assessment of each MP Creditworthiness (10/12-10/20)



Post ACLs to MPs (10/21)



Post ACL to MP via MIS



MPs can post additional collateral for Dec 2010 Auction (11/9)

Network Model (NMMS)



Deadline for Submitting Changes to the Dec Network Model (9/1)



Post CIM Model to MIS (10/15)
Dec. Network Model Posted to Market for Validation (10/15)



Dec Model in Prod

Legend

- ◆ Project Date
- ★ Program Go-Live Date

Glossary

- CRR Congestion Revenue Rights
- DAM Day-Ahead Market
- LFC Load Frequency Control
- RUC Reliability Unit Commitment
- RTM Real-Time Market
- SASM Supplm Ancillary Svc Mkt
- COMS Commercial Systems
- CMM Credit Monitoring & Mgmt