



SEM Go-Live Update

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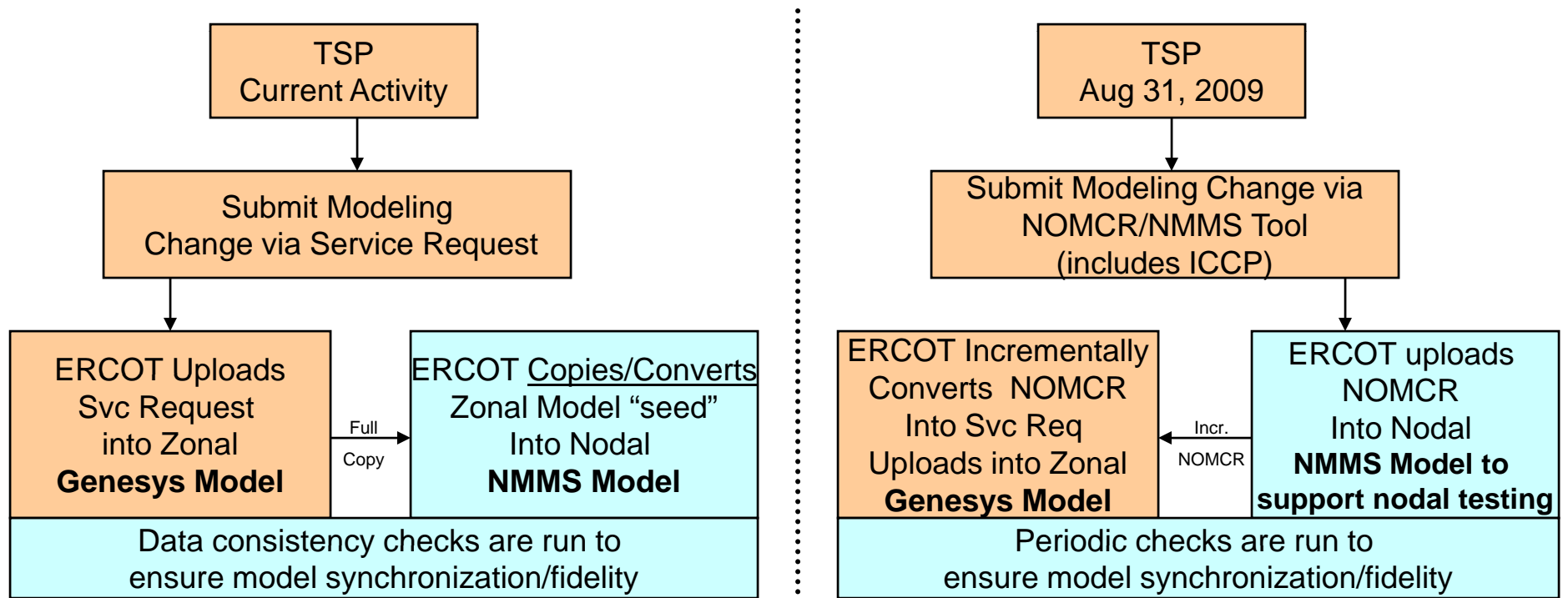
Market Readiness

Special Nodal Program Committee

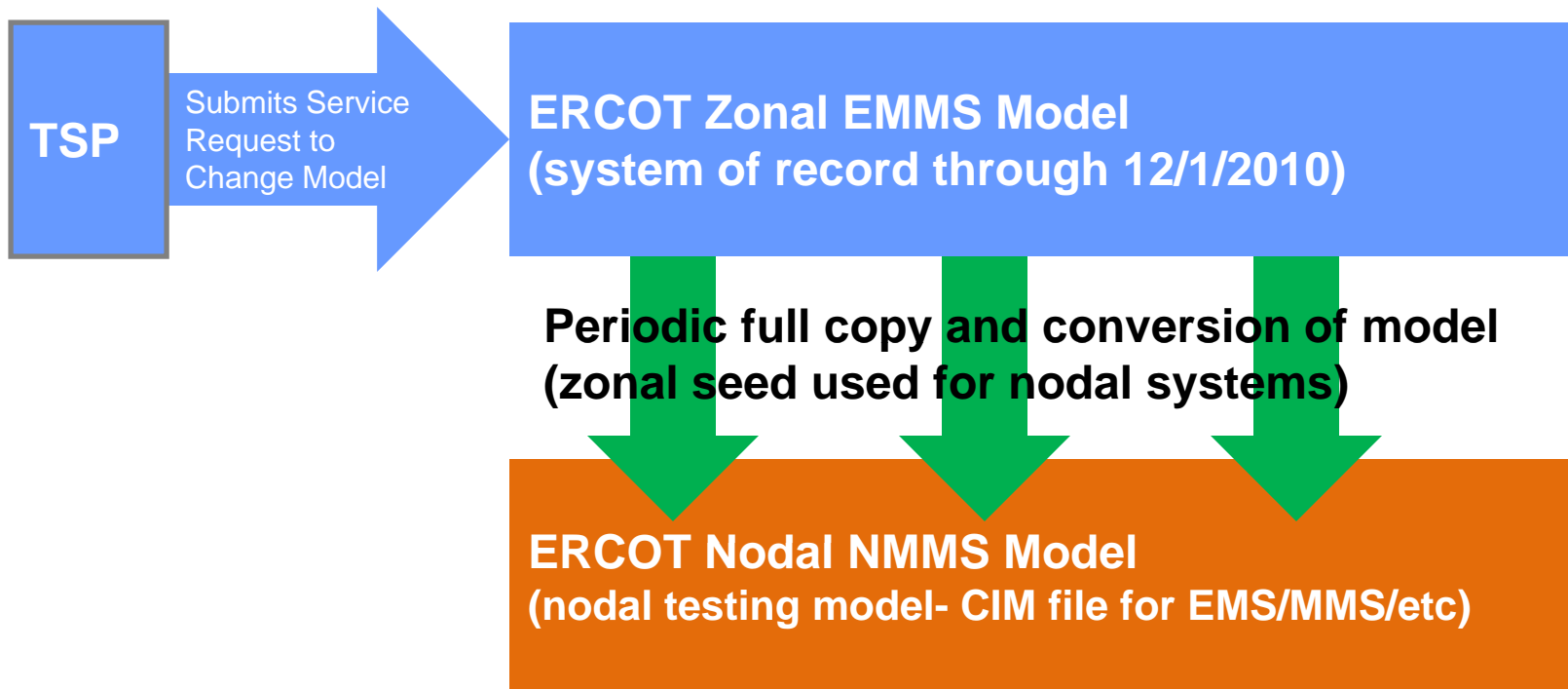
20 July 2009

SEM Go-Live Overview

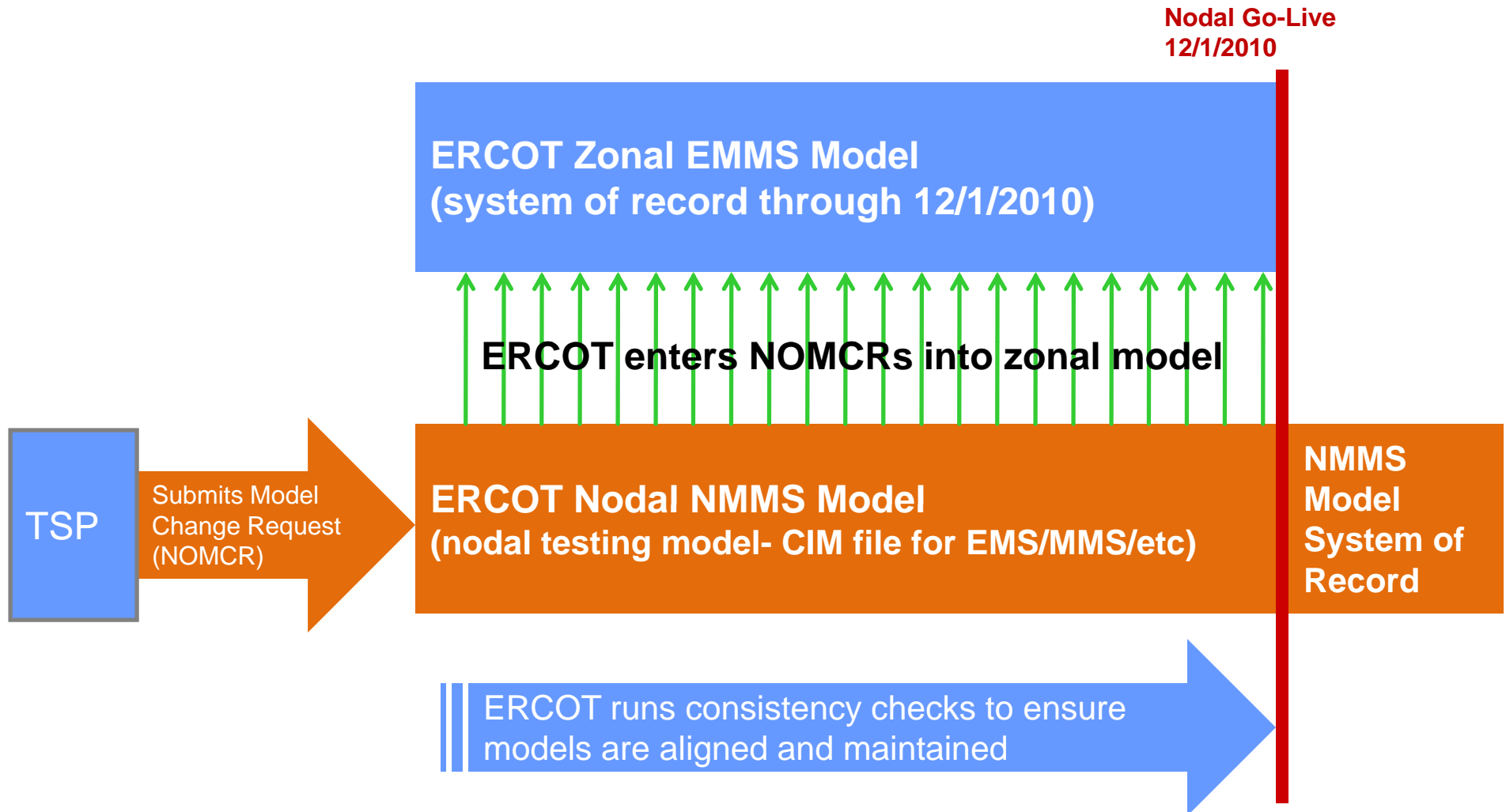
- **Single Entry Model (SEM) Go-Live is the switchover on Aug 31, 2009 for TSP submissions of network operations model change requests**
 - from “Service Request” submissions via TML
 - to “NOMCR” submissions via the NMMS
 - System of record for model changes becomes NOMCRs on 8/31/09
 - System of record for network operations model for reliability and dispatch remains Zonal/Genesys system until Dec 2010



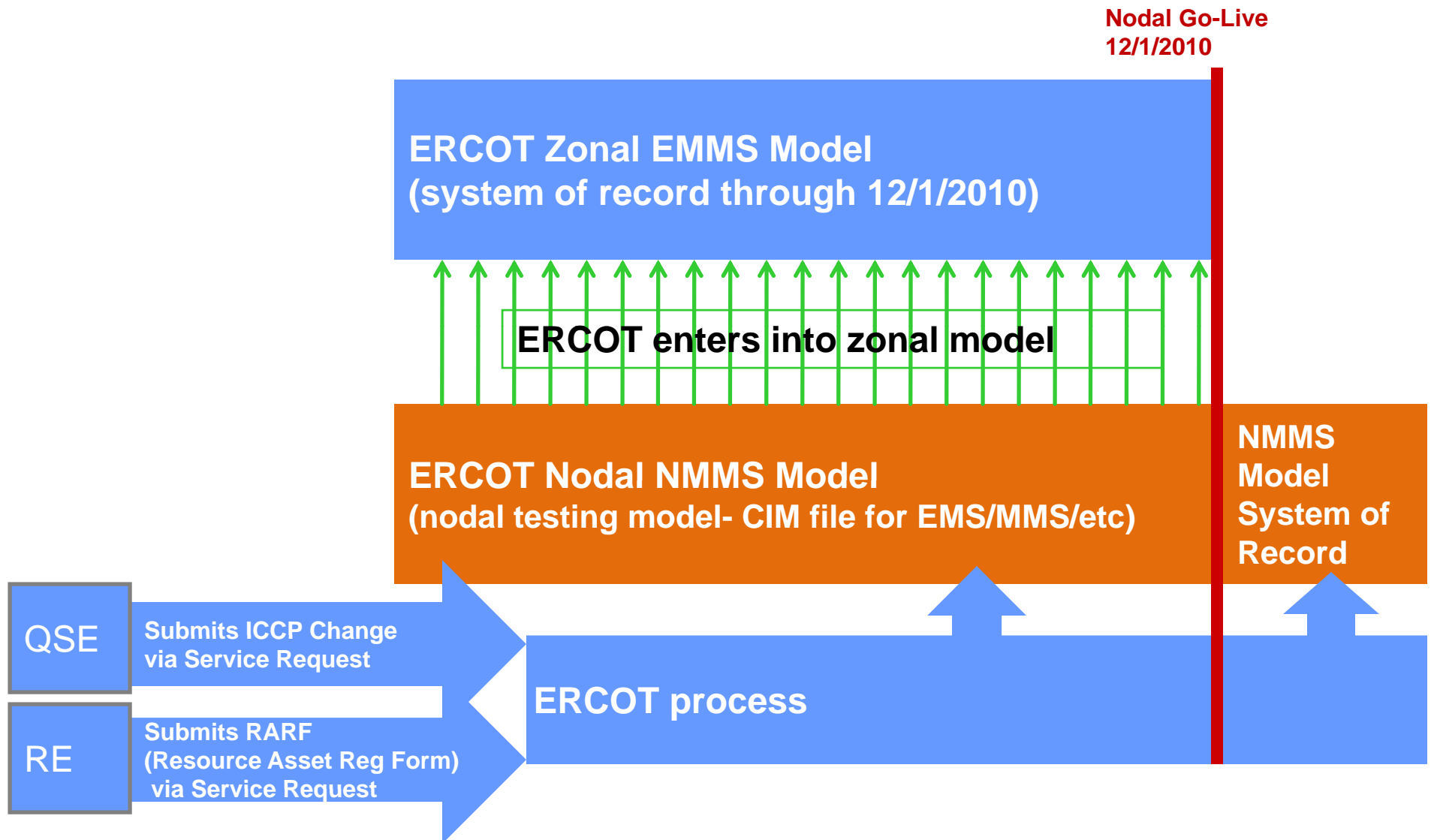
Current Network Operations Model Maintenance for TSPs



After 8/31/2009: SEM Go-Live
Network Operations Model Maintenance for TSP



Network Operations Model Maintenance for Resource & QSE (today and post 8/31/09)



SEM Go-Live: Market Engagement Dashboard

TO/TDSP	Attendance at any of the SEM Market Calls	# of Representatives scheduled to take SEM Training	# of TDSP users with access to the test SEM environment	# test NOMCRs Submitted by TDSPs to the test SEM environment
AEP TEXAS CENTRAL COMPANY	X	X	X	X
BRAZOS ELECTRIC POWER CO OP INC (TDSP)	X	X	X	X
BROWNSVILLE PUBLIC UTILITIES BOARD (TDSP)	X	X	X	
BRYAN TEXAS UTILITIES (TDSP)		X	X	X
CENTERPOINT ENERGY HOUSTON ELECTRIC LLC (TDSP)	X	X	X	X
CITY OF AUSTIN DBA AUSTIN ENERGY (TDSP)	X	X	X	X
CITY OF COLLEGE STATION (TDSP)	X	X	X	
CITY OF GARLAND (TDSP)	X	X	X	
CPS ENERGY (TDSP)	X	X	X	
DENTON MUNICIPAL ELECTRIC (TDSP)		X	X	X
GEUS (TDSP)	X		X	
GOLDEN SPREAD ELECTRIC COOPERATIVE INC (TSP)	X	X		
LCRA TRANSMISSION SERVICES CORPORATION	X	X	X	X
ONCOR ELECTRIC DELIVERY COMPANY	X	X	X	
RAYBURN COUNTRY CO OP DBA RAYBURN ELECTRIC	X	X		
RIO GRANDE ELECTRIC CO OP (TDSP)	X			
SOUTH TEXAS ELECTRIC CO OP INC	X	X	X	
TEXAS MUNICIPAL POWER AGENCY	X	X	X	
TEXAS-NEW MEXICO POWER CO (TDSP)	X	X	X	
WEATHERFORD MUNICIPAL UTILITY SYSTEM				
TEX-LA ELECTRIC CO OP OF TEXAS				
TOTAL:	17	63	81	22

SEM Go-Live Approval of Readiness

21.12.2 Notice to Market Participants of Activities Essential for Nodal Market Open

ERCOT shall issue Notices informing Market Participants of the confirmation of, or any changes to, the implementation schedules for each of the following nodal market design activities. The Notice will include an update of the implementation schedules for the remaining nodal market design activities:

- (1) Single entry model;
- (2) Initiation of the 168-hour testing;
- (3) Completion of 168-hour test;
- (4) First congestion revenue rights monthly auction;
- (5) Real-time market implementation; and
- (6) Day-ahead market implementation.

21.12.3 Notice to Market Participants of Effective Date for Nodal Protocol Provisions and Retirement of Zonal Protocol Provision

No part of the nodal market design may start operation until all the Market Readiness Criteria for that part of the nodal market design have been met. Certification that all Market Readiness Criteria have been met must be made at least by each of the following: the Transition Plan Task Force (TPTF), TAC, ERCOT Staff and the ERCOT Board. Upon such certification, ERCOT shall issue two Notices alerting Market Participants to the effective date of Nodal Protocol sections and the retirement of Zonal Protocol sections, as applicable. ERCOT shall issue the first Notice no less than thirty (30) days prior to the effective date or retirement date, as applicable, and the second Notice no less than ten (10) days prior to the effective date or retirement date, as applicable. The Notice shall include:

- (1) The Nodal Protocol Sections to become effective and
- (2) The Zonal Protocol Sections to be retired, if any.

SEM Go-Live: Approval of Readiness (continued)

- **Go-Live Approval per Zonal Protocols sequence (discussion, if needed)**
 - Previous slide reflected Zonal Protocol Section 21 description of the nodal sequence of proof-of-readiness, approval, market notice
 - Recognition of issue that most “readiness” artifacts come in mid-August
 - Note that no nodal protocol language goes into effect with SEM Go-Live
 - **Propose that ERCOT release a conditional 30-day market notice Aug 1**
 - Conditional upon TAC/Board approval later in month
 - Aug 16- ERCOT is accelerating sign-off and posting of model verification results
 - Aug 17- special TAC and/or Special Nodal Program Committee
 - Aug 18- Board meeting vote for go-live
 - With Board approval, ERCOT would issue a revised 30-day notice to reflect approval condition met on Aug 18
 - ERCOT would release 10-day market notice on Aug 21
 - SEM Go-Live Aug 31, 2009