



Market Verification Update

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Market Readiness

Special Nodal Program Committee
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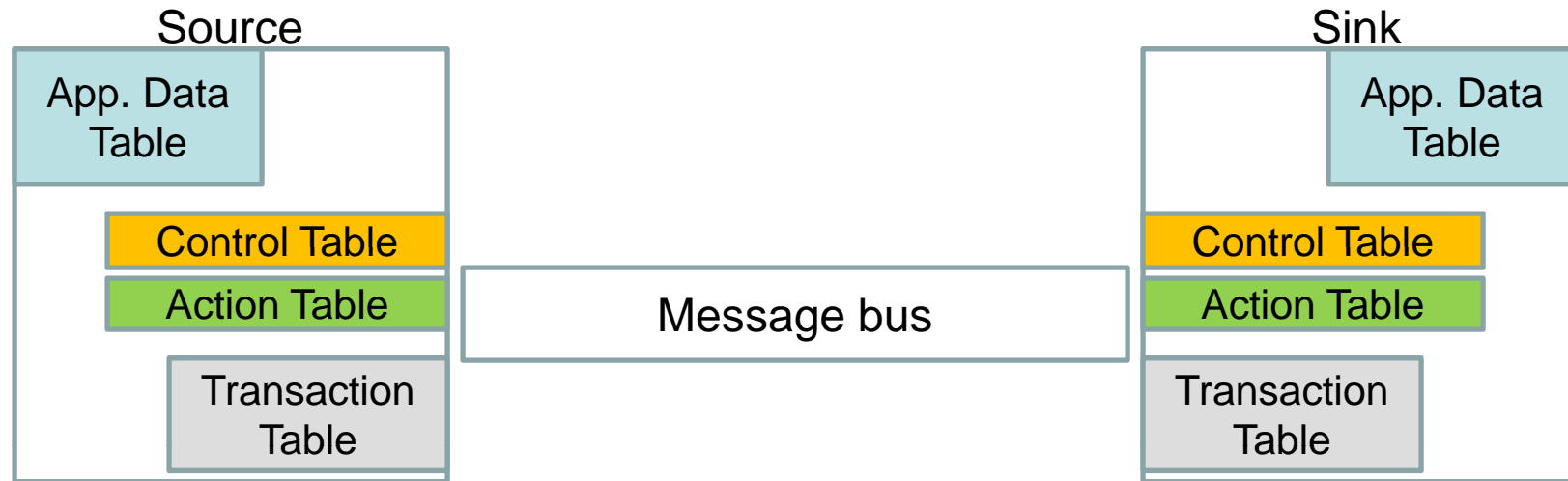
Market Verification Update

	July	August	September	October
Non-negotiable goals		NMMS Cutover [8/31 – SEM Go-Live (through TML)]		MMS Web Services [MP access in Nodal PROD, static database]
Priorities	<ul style="list-style-type: none"> MMS 5.0 installed in Nodal iTest and in use for L2, L3 system-to-system testing 	<ul style="list-style-type: none"> Plan data synchronization with PROD model 	<ul style="list-style-type: none"> Execute data synchronization with PROD model 	<ul style="list-style-type: none"> Additional and final iterations of select strings
	<ul style="list-style-type: none"> String Test - CRR Auction, testing adapter robustness 	<ul style="list-style-type: none"> Additional iteration of strings 1, 2, 3 	<ul style="list-style-type: none"> E-E Phase 2 testing begins 	<ul style="list-style-type: none"> Market Trial – Support connectivity Testing: of Bid Submissions
	<ul style="list-style-type: none"> String Test – EWS-OS-EMS-OS-MMS 	<ul style="list-style-type: none"> Initiate strings 4, 5, 6, 7 (MMS Functions) 	<ul style="list-style-type: none"> Test objectives focus on business outcomes, quality 	
	<ul style="list-style-type: none"> String Test - Web interface test of MMS 5 using a simulated MP data 			
	<ul style="list-style-type: none"> Continue Integration Testing with goal of full configuration and testing of adapters 		<ul style="list-style-type: none"> Release DSV 2.0.0.0 to incorporate the 8/31 SEM Go-Live Model. 	
	<ul style="list-style-type: none"> Release of DSV 1.1.0.0 to correspond with release of MMS5 and improved data quality 		<ul style="list-style-type: none"> Additional and final iterations of select strings 	

Integration Testing Status

- **Good News**
 - All major systems consumed common data set (DSV 1.0.1)
 - Congestion Revenue Rights (CRR) executing natural auction
 - MMS system installed; enables additional testing
- **Bad News**
 - “Easy” things have taken more time than expected
 - Several unknowns with MMS Web Services Integration

Integration Testing Overview



Level 1 – Connector Team ensures that the connector between source and sink system passes a smoke test; results are verified to be correct.

Level 2 – Owner Team (generally the Sink Team) demonstrates ability to transfer data correctly across the connector. Data used must be one of: native CCDS, system-generated data based on CCDS, or data from the Data Management team based on a special request. No hand-crafted data is to be used.

Level 3 – Owner team (generally the Sink Team) ensures that data generated by source system (may be based on the CCDS (or other generated data)) is transferred correctly across the connector to the sink system and demonstrates valid system functionality through running the sink application.

Integrated Testing Update

Connector Scorecard (78 Total)				
	Definition	Completed	In Progress	Deferred
Level 1	Connector installed; one record transferred through connector (“smoke test”)	68	2	3
Level 2	Connector tested using a common data set with multiple records	9	11	15
Level 3	System-to-system functional test; connector tested with system-generated data	0	7	3

Target Completion:

- Levels 1 & 2 → September 22, 2009
- Level 3 → November 13, 2009

End-to-End Testing

String Name	High Level System Flow	Objectives	Status
1 CRR Auction	CRR -> S&B -> CRR -> S&B & MMS	<ul style="list-style-type: none"> • Conduct CRR Auction • Produce CRR Auction invoices • Reflect CRR Ownership / Disseminate CRR Ownership 	In Execution
2 Outage Scheduler	EWS -> OS -> EMS -> OS -> MMS	<ul style="list-style-type: none"> • Web Services Submission to Outage Scheduler • Outage Evaluation study • Forced Outage Detection • Study results consumed in to OS • Usage of Outage data for Day Ahead by MMS (without running DAM) 	In Planning – Scheduled to start execution on 7/15 after release of MMS5
3 EWS / Oct Mkt Trial	EWS -> MMS	<ul style="list-style-type: none"> • Submission of specified transactions through EWS and the Market Manager Interfaces • Asynchronous validation notifications • Will NOT initially run SCED or DAM • Will NOT initially produce reports 	In Planning
4 DAM	TBD	• TBD	In Planning – First meeting occurred 7/9
5 RUC	TBD	• TBD	Not Started – Planning to begin wk of 7/13
6 SCED / RTM	TBD	• TBD	Not Started – Planning to begin wk of 7/20
7 SASM	TBD	• TBD	Not Started – Planning to begin wk of 7/27