

Nodal IPS

ID	Market Participant View	QSE w/o Resource	QSE w/ Resource	TSP View	Task Name	Start	Finish	2009												2010												2011					
								M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M							
13	No	No	No	No	EDS - Early Delivery System	Sun 6/1/08	Wed 5/18/11																														
28	No	No	No	No	External Interface Specification	Mon 6/2/08	Fri 6/5/09																														
29	Yes	Yes	Yes	Yes	Publish External Interface Specification V 1.16	Mon 6/2/08	Mon 6/2/08																														
31	Yes	Yes	Yes	Yes	Publish External Interface Specification V 1.17	Thu 12/18/08	Thu 12/18/08																														
33	Yes	Yes	Yes	Yes	Publish External Interface Specification V 1.18	Mon 2/23/09	Mon 2/23/09																														
35	Yes	Yes	Yes	Yes	Publish External Interface Specification V 1.19	Fri 6/5/09	Fri 6/5/09																														
36	No	No	No	No	Sandbox	Mon 6/2/08	Tue 7/7/09																														
37	Yes	Yes	Yes	Yes	Sandbox release for External Interface Specification V 1.16	Mon 6/2/08	Mon 6/2/08																														
38	Yes	Yes	Yes	Yes	Sandbox release for External Interface Specification V 1.17	Thu 1/29/09	Thu 1/29/09																														
40	Yes	Yes	Yes	Yes	Sandbox release for External Interface Specification V 1.18	Thu 3/19/09	Thu 3/19/09																														
42	Yes	Yes	Yes	Yes	Sandbox release for External Interface Specification V 1.19	Tue 7/7/09	Tue 7/7/09																														
43	No	No	No	No	Documentation deliverables	Thu 6/5/08	Thu 6/11/09																														
44	Yes	Yes	Yes	Yes	Nodal Go-Live Procedure Approved	Thu 6/5/08	Thu 6/5/08																														
45	Yes	Yes	Yes	Yes	DST Test Procedure Approved	Fri 7/11/08	Fri 7/11/08																														
46	Yes	Yes	Yes	Yes	168 Test Procedure Approved	Thu 8/7/08	Thu 8/7/08																														
51	Yes	Yes	Yes	Yes	Publish Test Plan for 2009 Activities	Wed 1/7/09	Wed 1/7/09																														
68	Yes	Yes	Yes	No	Publish MMS Validation Rules document	Mon 6/1/09	Mon 6/1/09																														
69	Yes	No	No	Yes	Publish draft Planning Model Go-Live Procedure	Mon 2/16/09	Mon 2/16/09																														
70	No	No	No	No	Resource Registration Data	Wed 10/22/08	Mon 2/1/10																														
72	Yes	No	Yes	No	RARF 1	Wed 10/22/08	Wed 10/22/08																														
74	Yes	No	Yes	No	RARF 2	Tue 11/18/08	Tue 11/18/08																														
76	Yes	No	Yes	No	RARF 3	Mon 12/15/08	Mon 12/15/08																														
78	Yes	No	Yes	No	Resource owned transmission asset registration information considered final	Mon 2/1/10	Mon 2/1/10																														
79	No	No	No	No	EDS 2	Wed 6/25/08	Fri 3/19/10																														
80	No	No	No	No	EDS 2 Release 3 (FIT Telemetry testing)	Wed 6/25/08	Thu 10/29/09																														
81	Yes	No	Yes	Yes	2-hour LFC test	Wed 6/25/08	Wed 6/25/08																														
82	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 1	Wed 8/6/08	Wed 8/6/08																														
83	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 2	Tue 8/12/08	Tue 8/12/08																														
84	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 3	Tue 8/19/08	Tue 8/19/08																														
85	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 4	Tue 8/26/08	Tue 8/26/08																														
86	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 5	Tue 9/2/08	Tue 9/2/08																														
87	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 6	Mon 9/8/08	Mon 9/8/08																														
88	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 7	Tue 10/21/08	Thu 10/23/08																														
89	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 8	Tue 11/4/08	Thu 11/6/08																														
90	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 9	Tue 11/18/08	Thu 11/20/08																														
91	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 10	Tue 12/2/08	Thu 12/4/08																														
92	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 11	Tue 12/16/08	Thu 12/18/08																														
93	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 12	Tue 1/6/09	Thu 1/8/09																														
94	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 13	Tue 1/20/09	Thu 1/22/09																														
95	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 14	Tue 2/3/09	Thu 2/5/09																														
96	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 15	Tue 2/17/09	Thu 2/19/09																														
97	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 16	Tue 3/3/09	Thu 3/5/09																														
98	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 17	Tue 3/17/09	Thu 3/19/09																														
99	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 18	Tue 3/31/09	Thu 4/2/09																														
100	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 19	Tue 4/14/09	Thu 4/16/09																														
101	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 20	Tue 4/28/09	Thu 4/30/09																														
102	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 21	Tue 5/12/09	Thu 5/14/09																														
103	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 22	Tue 5/26/09	Thu 5/28/09																														
104	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 23	Tue 6/9/09	Thu 6/11/09																														
105	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 24	Tue 6/23/09	Thu 6/25/09																														
106	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 25	Tue 7/7/09	Thu 7/9/09																														
107	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 26	Tue 7/21/09	Thu 7/23/09																														

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								M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M																										
108	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 27	Tue 8/4/09	Thu 8/6/09																											
109	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 28	Tue 8/18/09	Thu 8/20/09													8/6														
110	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 29	Tue 9/1/09	Thu 9/3/09													8/20														
111	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 30	Tue 9/15/09	Thu 9/17/09													9/3														
112	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 31	Tue 9/29/09	Thu 10/1/09													9/17														
113	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 32	Tue 10/13/09	Thu 10/15/09													10/1														
114	Yes	No	Yes	Yes	FIT Telemetry Testing Cycle 33	Tue 10/27/09	Thu 10/29/09													10/15														
115	Yes	No	Yes	Yes	7 X 24 ERCOT monitoring and reporting of Telemetry and SE	Tue 9/1/09	Tue 9/1/09													10/29														
116	Yes	Yes	Yes	Yes	SE and Telemetry criteria achieved	Thu 10/29/09	Thu 10/29/09													9/1														
117	Yes	No	Yes	Yes	EDS 2 Release 3 (FIT - SCED & Telemetry testing - includes SE, TCM, RLC, Energy offer curve)	Fri 10/30/09	Mon 1/4/10													10/29														
118	No	No	No	No	EDS 2 Release 4: NMMS testing	Fri 1/30/09	Fri 3/19/10													1/4														
119	No	No	No	No	Documentation	Fri 1/30/09	Fri 6/19/09													3/19														
122	Yes	No	No	Yes	Publish draft NMMS validation rules for MP review	Fri 1/30/09	Fri 1/30/09													6/19														
125	Yes	No	No	Yes	Publish revised draft validation rules for MP review	Wed 3/18/09	Wed 3/18/09													1/30														
127	Yes	No	No	Yes	Publish draft Modeling guidelines document for MP review	Tue 5/19/09	Tue 5/19/09													3/18														
129	Yes	No	No	Yes	Publish final Modeling guidelines document for MP review	Fri 6/5/09	Fri 6/5/09													5/19														
131	No	No	No	No	Training	Mon 6/22/09	Tue 10/20/09													6/5														
132	Yes	No	No	Yes	Provide TSP training on Modeling Guidelines and NOMCR process	Mon 6/22/09	Mon 8/3/09													10/20														
133	Yes	No	No	Yes	2nd round of TSP training on Modeling Guidelines and NOMCR process	Wed 9/23/09	Tue 10/20/09													8/3														
135	Yes	No	No	Yes	TSPs test NOMCR submissions: EDS 2	Mon 6/8/09	Mon 8/10/09													10/20														
136	No	No	No	No	MOD	Fri 2/13/09	Fri 3/19/10													8/10														
137	Yes	No	No	Yes	Begin engagement of SSWG for Planning model go-live activity definition	Fri 2/13/09	Fri 2/13/09													2/13														
139	Yes	No	No	Yes	Conduct MOD training to TSPs	Wed 11/11/09	Fri 1/22/10													3/19														
141	Yes	No	No	Yes	TSP MOD and PMCR testing: EDS 2	Mon 1/25/10	Fri 3/19/10													1/22														
143	No	No	No	No	SOTE	Mon 12/1/08	Mon 12/1/08													3/19														
144	Yes	No	No	Yes	SOTE Launch	Mon 12/1/08	Mon 12/1/08													12/1														
146	No	No	No	No	SEM Go-Live	Tue 5/19/09	Thu 1/21/10													12/1														
147	Yes	No	No	Yes	Seed Model Freeze	Mon 6/1/09	Mon 6/1/09													1/21														
151	Yes	No	No	Yes	ERCOT conducts Data Consistency Check	Fri 7/10/09	Tue 8/4/09													6/1														
153	Yes	No	No	Yes	ERCOT publishes Data Consistency Check results	Tue 8/4/09	Tue 8/4/09													8/4														
157	Yes	No	No	Yes	TPTF Approval for SEM Go-Live	Thu 8/6/09	Thu 8/6/09													8/4														
160	Yes	No	No	Yes	SEM Go-Live	Mon 8/31/09	Mon 8/31/09													8/6														
161	Yes	No	No	Yes	TSP model synchronization after SEM Go-Live	Tue 9/1/09	Thu 1/21/10													8/31														
163	No	No	No	No	Planning Model (MOD)	Mon 3/22/10	Fri 4/16/10													1/21														
164	Yes	No	No	Yes	Planning Model go-live sequence	Mon 3/22/10	Fri 4/16/10													4/16														
165	Yes	No	No	Yes	Planning Model Go-Live	Fri 4/16/10	Fri 4/16/10													4/16														
166	No	No	No	No	EDS 4 Release 9.1 (Connectivity & Submissions Testing)	Tue 8/4/09	Fri 1/29/10													4/16														
172	Yes	Yes	Yes	Yes	MMS 5, EIP 1.19 and MMS UI deployed for MP use	Mon 8/10/09	Mon 8/10/09													1/29														
173	Yes	Yes	Yes	Yes	"Get Reports" Webservice deployed for MP use	Mon 8/10/09	Mon 8/10/09													8/10														
174	Yes	Yes	Yes	Yes	MPIM available to MPs	Mon 8/10/09	Mon 8/10/09													8/10														
175	Yes	Yes	Yes	Yes	Begin MP Communications for Submissions Testing	Tue 8/25/09	Tue 9/15/09													8/10														
177	Yes	No	Yes	No	QSE w/Resource Qualification for SCED	Thu 10/1/09	Fri 10/30/09													9/15														
178	Yes	Yes	Yes	Yes	Begin posting LMPs on MIS	Fri 10/30/09	Fri 10/30/09													10/30														
179	Yes	No	Yes	No	QSE w/Resource qualification complete for SCED	Fri 10/30/09	Fri 10/30/09													10/30														
180	Yes	Yes	No	No	QSEs qualification for DAM	Mon 11/2/09	Fri 1/29/10													10/30														
181	Yes	Yes	Yes	No	QSEs w/Resource qualification complete for DAM	Fri 1/29/10	Fri 1/29/10													1/29														
182	Yes	Yes	Yes	No	QSEs w/o Resource qualification complete for DAM	Fri 1/29/10	Fri 1/29/10													1/29														
183	Yes	Yes	Yes	Yes	ERCOT measures and reports MP qualification to TPTF	Thu 10/1/09	Fri 1/29/10													1/29														
184	No	No	No	No	EDS 3	Fri 12/4/09	Fri 8/13/10													1/29														
185	No	No	No	No	EDS 3 Release 5	Mon 2/15/10	Fri 8/13/10													8/13														
186	Yes	Yes	Yes	No	Publish LMPs for 6 months	Mon 2/15/10	Fri 8/13/10													8/13														
187	No	No	No	No	EDS 3 Release 6	Fri 12/4/09	Wed 6/9/10													6/9														

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251	No	No	No	No	EDS 4 Release 8.5 (Disputes)	Wed 3/31/10	Wed 8/4/10																											
252	Yes	Yes	Yes	No	Dispute Webservice available for MP testing	Wed 3/31/10	Wed 3/31/10																											
253	Yes	Yes	Yes	No	Begin MP submission testing of Disputes	Thu 4/1/10	Wed 8/4/10																											
257	No	No	No	No	EDS 4 Release 9	Wed 7/22/09	Wed 9/1/10																											
258	No	No	No	No	EDS 4 Release 9.2	Wed 7/22/09	Wed 6/2/10																											
259	Yes	No	No	Yes	TSP Training on Outage Scheduler Webservices	Wed 7/22/09	Wed 7/22/09																											
260	No	No	No	No	EDS 4 Release 9.2.1	Mon 2/15/10	Fri 2/26/10																											
261	Yes	Yes	Yes	Yes	Conduct FOD business process testing	Mon 2/15/10	Fri 2/26/10																											
262	No	No	No	No	EDS 4 Release 9.2.2	Mon 2/15/10	Tue 3/16/10																											
263	Yes	No	Yes	Yes	Outage Scheduler Submission Testing	Mon 2/15/10	Tue 3/16/10																											
264	No	No	No	No	EDS 4 Release 9.2.3 (Performance test)	Wed 3/17/10	Wed 6/2/10																											
265	Yes	No	Yes	Yes	Conduct OS performance test	Wed 3/17/10	Tue 3/30/10																											
266	Yes	No	Yes	Yes	Dual-entry of Outages - Day 1	Fri 4/30/10	Fri 4/30/10																											
267	Yes	No	Yes	Yes	Dual-entry of Outages - Day 2	Wed 6/2/10	Wed 6/2/10																											
268	No	No	No	No	EDS 4 Release 9.2.4 (OE test)	Mon 3/1/10	Tue 3/30/10																											
269	Yes	No	Yes	Yes	Verification of Outage Evaluation	Mon 3/1/10	Tue 3/30/10																											
270	No	No	No	No	EDS 4 Release 9.2.5 (integrations)	Wed 3/24/10	Tue 4/6/10																											
271	Yes	No	Yes	Yes	Conduct OS integration testing	Wed 3/24/10	Tue 4/6/10																											
272	No	No	No	No	EDS 4 Release 9.3 (former 9.3 & 9.4 together)	Mon 2/15/10	Wed 6/9/10																											
273	No	No	No	No	Phase 1 - Submissions	Mon 2/15/10	Fri 2/19/10																											
274	Yes	Yes	Yes	No	Re-Start DAM/RUC Submissions	Mon 2/15/10	Fri 2/19/10																											
275	No	No	No	No	Phase 2 - DAM 2d/wk	Mon 2/22/10	Tue 3/23/10																											
276	Yes	Yes	Yes	No	Post Pre-DAM reports (EIP & MIS)	Mon 2/22/10	Tue 3/23/10																											
277	Yes	Yes	Yes	No	Begin execution of DAM 2 days per week	Mon 2/22/10	Tue 3/23/10																											
278	Yes	Yes	Yes	No	Publish DAM Awards (Notifications)	Mon 2/22/10	Tue 3/23/10																											
279	Yes	Yes	Yes	No	Publish DAM reports (EIP & MIS)	Mon 2/22/10	Tue 3/23/10																											
280	No	No	No	No	Phase 3 - DAM & RUC 2d/wk	Wed 3/24/10	Thu 4/22/10																											
282	Yes	Yes	Yes	No	Execute DRUC & HRUC for 2 days	Wed 3/24/10	Thu 4/22/10																											
283	Yes	Yes	Yes	No	Publish DRUC & HRUC reports	Wed 3/24/10	Thu 4/22/10																											
284	No	No	No	No	Phase 4 - Full Mkt Timeline 5d/wk	Fri 4/23/10	Wed 6/9/10																											
285	Yes	Yes	Yes	No	Begin DAM & DRUC execution 5 days per week	Fri 4/23/10	Tue 5/25/10																											
286	Yes	Yes	Yes	No	Begin HRUC 4x24	Fri 4/23/10	Tue 5/25/10																											
287	Yes	Yes	Yes	No	Begin intermittent SASM execution	Fri 4/23/10	Tue 5/25/10																											
288	Yes	Yes	Yes	No	Issue SASM notifications	Fri 4/23/10	Tue 5/25/10																											
289	Yes	Yes	Yes	No	Publish SASM reports	Fri 4/23/10	Tue 5/25/10																											
290	Yes	Yes	Yes	No	Execute full market timeline for 7 consecutive days	Wed 5/26/10	Fri 6/4/10																											
292	Yes	Yes	Yes	No	Execute EECF test	Wed 6/9/10	Wed 6/9/10																											
293	Yes	Yes	Yes	No	Market Participant EDS scenario testing	Fri 4/23/10	Tue 5/25/10																											
294	No	No	No	No	EDS 4 Release 9.4 - Pre-test for 168-Hour test (former 9.5)	Thu 6/10/10	Wed 9/1/10																											
295	Yes	Yes	Yes	No	Conduct Integrated CIM business process testing	Thu 6/10/10	Mon 7/19/10																											
296	Yes	Yes	Yes	No	Market Participant Performance testing of Nodal systems	Tue 7/20/10	Mon 8/2/10																											
297	Yes	Yes	Yes	No	Conduct DST test	Tue 8/3/10	Mon 8/30/10																											
300	Yes	Yes	Yes	No	Complete 48 hours of full market timeline without Sev 1 or Sev 2 errors	Tue 8/31/10	Wed 9/1/10																											
309	No	No	No	No	MOTE	Thu 7/1/10	Thu 7/1/10																											
311	Yes	Yes	Yes	Yes	MOTE Environment Available for MP Access	Thu 7/1/10	Thu 7/1/10																											
312	No	No	No	No	168-Hour test readiness	Tue 8/12/08	Mon 8/30/10																											
314	Yes	Yes	Yes	No	Mock CRR Auction for 168-Hour test	Thu 8/12/10	Fri 8/20/10																											
315	Yes	Yes	Yes	No	Publish test MP ACL for 168-Hour test	Tue 8/24/10	Tue 8/24/10																											
316	Yes	No	Yes	Yes	Migrate Zonal outages to Nodal Outage Scheduler	Mon 8/30/10	Mon 8/30/10																											
317	No	No	No	No	168-Hour Test	Thu 9/2/10	Mon 10/4/10																											
318	Yes	Yes	Yes	Yes	168-Hour Test Start	Thu 9/2/10	Thu 9/2/10																											
320	Yes	Yes	Yes	Yes	168-Hour Test End	Mon 10/4/10	Mon 10/4/10																											

