

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
1	<b>Nodal IPS</b>	<b>CRR - Congestion Revenue Rights</b>	<b>33%</b>	<b>Mon 6/2/08</b>	<b>Fri 4/2/10</b>
1	CRR	CRR Replan Start	100%	Mon 6/2/08	Mon 6/2/08
2	<b>CRR</b>	<b>Milestones</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/13/08</b>
3	<b>CRR</b>	<b>Program Level Milestones</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/13/08</b>
4	CRR	Requirements approved by TPTF	100%	Mon 6/2/08	Mon 6/2/08
5	CRR	CSD submitted to TPTF	100%	Mon 6/2/08	Mon 6/2/08
6	CRR	CSD approved by TPTF	100%	Mon 6/2/08	Mon 6/2/08
7	CRR	Phase 2 SOW Complete	100%	Mon 6/2/08	Mon 6/2/08
8	CRR	Detailed Design made available to TPTF	100%	Mon 6/2/08	Mon 6/2/08
9	CRR	Test Cases to iTEST for review	100%	Mon 6/2/08	Mon 6/2/08
10	CRR	Base product installed (iHEDGE early release)	100%	Mon 6/2/08	Mon 6/2/08
11	CRR	FAT start	100%	Mon 6/2/08	Mon 6/2/08
12	CRR	CRR FAT End	100%	Fri 6/13/08	Fri 6/13/08
13	<b>CRR</b>	<b>Development</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
14	<b>CRR</b>	<b>Business Process development</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
15	<b>CRR</b>	<b>FIRST GROUP OF PROCEDURES</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
16	CRR	Write System Initialization Process Procedures (4.1.1)	100%	Mon 6/2/08	Mon 6/2/08
17	CRR	Write Set Up Time of Use & Calendar Period Process Procedures (4.2.2)	100%	Mon 6/2/08	Mon 6/2/08
18	CRR	Write Set-up the CRR Market Process Procedures (4.2.3)	100%	Mon 6/2/08	Mon 6/2/08
19	CRR	Review First Group of Procedures	100%	Mon 6/2/08	Mon 6/2/08
20	CRR	Update procedures with comments	100%	Mon 6/2/08	Mon 6/2/08
21	<b>CRR</b>	<b>SECOND GROUP OF PROCEDURES</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
22	CRR	Write Run the PCRR Allocation Process Procedures	100%	Mon 6/2/08	Mon 6/2/08
23	CRR	Write Run MCFRI Allocation Process Procedures	100%	Mon 6/2/08	Mon 6/2/08
24	CRR	Write Evaluate Need for True-up Process Procedures	100%	Mon 6/2/08	Mon 6/2/08
25	CRR	Write Run True-up PCRR Allocation Process Procedures	100%	Mon 6/2/08	Mon 6/2/08
26	CRR	Write Run True-up MCFRI Allocation Process Procedures	100%	Mon 6/2/08	Mon 6/2/08
27	CRR	Review Second Group of Procedures	100%	Mon 6/2/08	Mon 6/2/08
28	CRR	Update procedures with comments	100%	Mon 6/2/08	Mon 6/2/08
29	<b>CRR</b>	<b>Stabilization (Standalone)</b>	<b>99%</b>	<b>Mon 6/2/08</b>	<b>Thu 1/29/09</b>
30	<b>CRR</b>	<b>IT Systems</b>	<b>99%</b>	<b>Mon 6/2/08</b>	<b>Thu 1/29/09</b>
31	<b>CRR</b>	<b>Pre FAT (at Nexant site)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
32	CRR	Pre FAT Round 0 - Chandler, AZ	100%	Mon 6/2/08	Mon 6/2/08
33	CRR	Update & modify Software	100%	Mon 6/2/08	Mon 6/2/08
34	CRR	Pre FAT kick off - Chandler, AZ	100%	Mon 6/2/08	Mon 6/2/08

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35	CRR	Pre FAT Round 1 - Chandler, AZ	100%	Mon 6/2/08	Mon 6/2/08
36	CRR	Update & modify Software	100%	Mon 6/2/08	Mon 6/2/08
37	CRR	Pre FAT Round 2 - San Francisco, CA	100%	Mon 6/2/08	Mon 6/2/08
38	CRR	Software modifications for delivery	100%	Mon 6/2/08	Mon 6/2/08
39	CRR	Pre FAT Round 3 - Chandler, AZ	100%	Mon 6/2/08	Mon 6/2/08
40	CRR	Deliver test results to ERCOT (including Defect list)	100%	Mon 6/2/08	Mon 6/2/08
41	CRR	ERCOT Review & Approval	100%	Mon 6/2/08	Mon 6/2/08
42	CRR	Pre-FAT Migration Control Document Draft/Release Notes	100%	Mon 6/2/08	Mon 6/2/08
43	CRR	Pre FAT (at Nexant site) sign-off	100%	Mon 6/2/08	Mon 6/2/08
44	<b>CRR</b>	<b>FAT (at ERCOT site)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 8/5/08</b>
45	CRR	Hardware Preparation	100%	Mon 6/2/08	Mon 6/2/08
46	CRR	Access Configuration	100%	Mon 6/2/08	Mon 6/2/08
47	CRR	Delivery	100%	Mon 6/2/08	Mon 6/2/08
48	CRR	Product Build	100%	Mon 6/2/08	Mon 6/2/08
49	CRR	Smoke Test	100%	Mon 6/2/08	Mon 6/2/08
50	<b>CRR</b>	<b>FAT S1 (Group 1 - 4)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
51	CRR	Product Testing	100%	Mon 6/2/08	Mon 6/2/08
52	CRR	Defect Resolution	100%	Mon 6/2/08	Mon 6/2/08
53	CRR	Migration Control Document/Release Notes	100%	Mon 6/2/08	Mon 6/2/08
54	CRR	Release Delivery for FAT S1 exit	100%	Mon 6/2/08	Mon 6/2/08
55	CRR	Product build	100%	Mon 6/2/08	Mon 6/2/08
56	CRR	Regression	100%	Mon 6/2/08	Mon 6/2/08
57	CRR	Defect Validation	100%	Mon 6/2/08	Mon 6/2/08
58	CRR	Defect Resolution	100%	Mon 6/2/08	Mon 6/2/08
59	CRR	FAT exit release delivery	100%	Mon 6/2/08	Mon 6/2/08
60	CRR	FAT Exit release migration	100%	Mon 6/2/08	Mon 6/2/08
61	CRR	FAT Exit release defect validation	100%	Mon 6/2/08	Mon 6/2/08
62	CRR	FAT Exit release regression	100%	Mon 6/2/08	Mon 6/2/08
63	CRR	FAT S1 (At ERCOT Site) sign-off	100%	Mon 6/2/08	Mon 6/2/08
64	<b>CRR</b>	<b>FAT S2 (Group 5) (Integration Part 1 MS-7)(Functionality MS-4a, 4b)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
65	CRR	Security Test	100%	Mon 6/2/08	Mon 6/2/08
66	CRR	Deliver FAT S2 Enhancement Test Scripts to Nexant	100%	Mon 6/2/08	Mon 6/2/08
67	CRR	Review of Test Scripts by Nexant	100%	Mon 6/2/08	Mon 6/2/08
68	CRR	Delivery	100%	Mon 6/2/08	Mon 6/2/08
69	CRR	Demo of S2 Enhancements	100%	Mon 6/2/08	Mon 6/2/08

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ID	Project Name	Task Name	% Complete	Start	Finish
70	CRR	Release Migration + Smoke	100%	Mon 6/2/08	Mon 6/2/08
71	CRR	Regression Testing	100%	Mon 6/2/08	Mon 6/2/08
72	CRR	Release functionality Testing	100%	Mon 6/2/08	Mon 6/2/08
73	CRR	Defect Resolution	100%	Mon 6/2/08	Mon 6/2/08
74	CRR	FAT S2 exit release with defect fixes	100%	Mon 6/2/08	Mon 6/2/08
75	CRR	FAT S2 exit release regression	100%	Mon 6/2/08	Mon 6/2/08
76	CRR	FAT S2 exit release defect validation	100%	Mon 6/2/08	Mon 6/2/08
77	CRR	FAT S2 (At ERCOT Site) sign-off	100%	Mon 6/2/08	Mon 6/2/08
78	<b>CRR</b>	<b>FAT S3 (Integration Part 2 + MS-7a) Security, Optimization Performance</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 8/5/08</b>
79	CRR	Deliver Outline of Functional Test Scripts	100%	Mon 6/2/08	Mon 6/2/08
80	CRR	Deliver FAT S3 Enhancement Test Scripts to Nexant	100%	Mon 6/2/08	Mon 6/2/08
81	CRR	Review of Test Scripts by Nexant	100%	Mon 6/2/08	Wed 6/4/08
82	CRR	Delivery S3 Functionality + Integration Part 2	100%	Mon 6/2/08	Mon 6/2/08
83	CRR	Demo of S3 Enhancements	100%	Mon 6/2/08	Mon 6/2/08
84	CRR	Release Migration + Smoke	100%	Mon 6/2/08	Tue 6/3/08
85	CRR	Regression Testing	100%	Mon 6/2/08	Mon 6/2/08
86	CRR	Release Functionality Testing	100%	Mon 6/2/08	Mon 6/2/08
87	CRR	Release Defect Resolution	100%	Mon 6/2/08	Mon 6/2/08
88	CRR	FAT S3 defect fix release delivery	100%	Mon 6/2/08	Mon 6/2/08
89	CRR	FAT S3 defect fix release build & regression	100%	Mon 6/2/08	Thu 6/5/08
90	CRR	FAT S3 defect fix release defect validation	100%	Mon 6/2/08	Thu 6/5/08
91	CRR	FAT S3 defect resolution	100%	Mon 6/2/08	Fri 6/6/08
92	CRR	Defect Patch 1.04 #1446	100%	Mon 6/2/08	Mon 6/2/08
93	CRR	Defect Patch Build	100%	Mon 6/2/08	Mon 6/2/08
94	CRR	Defect Patch Regression	100%	Mon 6/2/08	Wed 6/4/08
95	CRR	Defect Patch Validation	100%	Mon 6/2/08	Wed 6/4/08
96	CRR	Optimization Performance Testing	100%	Mon 6/2/08	Tue 8/5/08
97	CRR	Performance testing Defect Resolution	100%	Mon 6/2/08	Wed 6/4/08
98	CRR	FAT S3 exit build delivery	100%	Thu 6/5/08	Thu 6/5/08
99	CRR	FAT S3 exit build & regression	100%	Fri 6/6/08	Tue 6/10/08
100	CRR	FAT S3 exit build defect validation	100%	Wed 6/11/08	Fri 6/13/08
101	CRR	FAT S3 clean up build delivery (if needed)	100%	Fri 6/13/08	Fri 6/13/08
102	CRR	FAT S3 clean up build & regression (if needed)	100%	Mon 6/16/08	Fri 6/20/08
103	CRR	FAT S3 clean up build defect validation (if needed)	100%	Mon 6/23/08	Wed 6/25/08
104	CRR	Deliver FAT S3 (At ERCOT Site) sign-off to EDW	100%	Fri 6/13/08	Fri 6/13/08

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106	CRR	Deliver CRR FAT S3 to iTEST	100%	Fri 6/13/08	Fri 6/13/08
108	<b>CRR</b>	<b>CRR4</b>	<b>99%</b>	<b>Fri 8/29/08</b>	<b>Thu 1/29/09</b>
109	CRR	Test plan update	100%	Fri 8/29/08	Fri 8/29/08
110	CRR	Test plan approval	100%	Tue 9/2/08	Tue 9/2/08
111	CRR	Test scenario & case development	100%	Wed 9/3/08	Thu 9/11/08
112	CRR	Test scenario & case approval	100%	Thu 9/11/08	Tue 9/16/08
113	CRR	Test script development	100%	Wed 9/17/08	Thu 9/18/08
114	CRR	CRR Test script review & approval	100%	Thu 9/18/08	Thu 9/18/08
115	CRR	CRR4 Vendor Delivery to ERCOT	100%	Thu 9/18/08	Thu 9/18/08
116	CRR	Vendor Rework & Re-delivery	100%	Fri 9/19/08	Tue 9/23/08
117	CRR	CRR 4 Build at ERCOT	100%	Wed 9/24/08	Thu 9/25/08
118	CRR	CRR4 Functionality Testing	100%	Fri 9/26/08	Thu 10/16/08
119	CRR	CRR4 Nexant Release 1.07 Patch Received	100%	Fri 10/31/08	Fri 11/7/08
120	CRR	CRR4 Regression Testing	100%	Mon 11/10/08	Wed 11/19/08
121	CRR	Deliver CRR3 with Statement Tables to iTEST	100%	Wed 11/19/08	Wed 11/19/08
123	CRR	CRR Patch 1.08 Delivered	100%	Thu 11/20/08	Thu 12/4/08
124	CRR	Intallation, Regression, & Smoke Test Patch 1.08	100%	Fri 12/5/08	Thu 12/18/08
126	CRR	CRR4 Sign-off @ ERCOT	100%	Fri 12/19/08	Fri 12/19/08
127	CRR	Deliver CRR4 to iTEST	0%	Thu 1/29/09	Thu 1/29/09
129	<b>CRR</b>	<b>Interfaces</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
131	CRR	Receive Network Model from NMMS	100%	Mon 6/2/08	Mon 6/2/08
132	CRR	Validate REG -> CRR (List of CRR Account Holders)	100%	Mon 6/2/08	Mon 6/2/08
133	CRR	Validate CMM --> CRR (ACL, Aproval/Denial of Bilateral transactions)	100%	Mon 6/2/08	Mon 6/2/08
134	CRR	Validate CRR --> CMM (CRR Inventory, CRR Credit Limit, Bilateral CRR Transaction Approval Request)	100%	Mon 6/2/08	Mon 6/2/08
135	CRR	Validate CRR --> Settlements (Market Transactions, CRR Ownership, Flowgates)	100%	Mon 6/2/08	Mon 6/2/08
136	CRR	Validate Settlements --> CRR (CRR Payment Confirmation)	100%	Mon 6/2/08	Mon 6/2/08
137	CRR	Validate CRR --> MMS (DAM) (CRR Ownership)	100%	Mon 6/2/08	Mon 6/2/08
138	CRR	Validate CRR --> EDW (Replication of CRR Market Data)	100%	Mon 6/2/08	Mon 6/2/08
139	CRR	Validate CRR --> MIS (CRR Public Data & Reports)	100%	Mon 6/2/08	Mon 6/2/08
140	<b>CRR</b>	<b>Stabilization (Integrated)</b>	<b>8%</b>	<b>Mon 6/2/08</b>	<b>Fri 1/29/10</b>
141	<b>CRR</b>	<b>Integration Testing Support</b>	<b>8%</b>	<b>Wed 11/19/08</b>	<b>Fri 1/29/10</b>
142	CRR	Business Process Integration Testing Support	100%	Wed 11/19/08	Wed 11/19/08
143	CRR	Integration Testing Defect Management Support	8%	Thu 11/20/08	Fri 1/29/10
144	CRR	ERCOT integrated test environment hardware	100%	Mon 6/2/08	Mon 6/2/08
145	<b>CRR</b>	<b>Transition Activities</b>	<b>32%</b>	<b>Mon 6/2/08</b>	<b>Fri 4/2/10</b>

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ID	Project Name	Task Name	% Complete	Start	Finish
146	CRR	<b>TCR to CRR Transition Plan</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
147	CRR	Develop draft for ERCOT internal (Nodal, TCR, CMM)	100%	Mon 6/2/08	Mon 6/2/08
148	CRR	Present to WMS	100%	Mon 6/2/08	Mon 6/2/08
149	CRR	Present to TPTF	100%	Mon 6/2/08	Mon 6/2/08
150	CRR	CRR Present to TAC - final sign off	100%	Mon 6/2/08	Mon 6/2/08
151	CRR	<b>Revise: TCR to CRR Transition Plan</b>	<b>91%</b>	<b>Mon 8/4/08</b>	<b>Thu 4/2/09</b>
152	CRR	Revise Transtion Plan	100%	Mon 8/4/08	Mon 9/15/08
153	CRR	Present to WMS	100%	Wed 10/22/08	Wed 10/22/08
154	CRR	Present to TPTF	100%	Mon 10/27/08	Mon 10/27/08
155	CRR	Present Updates to WMS for Approval	0%	Mon 2/16/09	Mon 2/16/09
156	CRR	Present Updates to TPTF for Approval	0%	Mon 3/9/09	Mon 3/9/09
157	CRR	Present to TAC - final sign off	0%	Thu 4/2/09	Thu 4/2/09
158	CRR	<b>Project to Home Team</b>	<b>0%</b>	<b>Mon 2/1/10</b>	<b>Fri 4/2/10</b>
159	CRR	<b>Project Artifacts</b>	<b>0%</b>	<b>Mon 2/1/10</b>	<b>Fri 3/5/10</b>
160	CRR	Update As Built documentation	0%	Mon 2/1/10	Fri 2/26/10
161	CRR	Bundle artifacts	0%	Mon 3/1/10	Fri 3/5/10
162	CRR	<b>Documentation review &amp; hand-off</b>	<b>0%</b>	<b>Mon 3/8/10</b>	<b>Tue 3/9/10</b>
163	CRR	Business	0%	Mon 3/8/10	Mon 3/8/10
164	CRR	IT (development, installation & operational support)	0%	Mon 3/8/10	Tue 3/9/10
165	CRR	<b>Disposition of hardware</b>	<b>0%</b>	<b>Mon 3/8/10</b>	<b>Wed 3/10/10</b>
166	CRR	DEV	0%	Mon 3/8/10	Wed 3/10/10
167	CRR	FAT	0%	Mon 3/8/10	Wed 3/10/10
168	CRR	ITEST	0%	Mon 3/8/10	Wed 3/10/10
169	CRR	EDS	0%	Mon 3/8/10	Wed 3/10/10
170	CRR	Resource Transfer or Roll-off (employees & contractors)	0%	Mon 2/1/10	Fri 2/5/10
171	CRR	Close-out budget	0%	Mon 3/1/10	Fri 3/26/10
172	CRR	Data scrub	0%	Mon 3/29/10	Fri 4/2/10
173	CRR	<b>CRR NPRR 140</b>	<b>0%</b>	<b>Tue 2/17/09</b>	<b>Thu 2/19/09</b>
174	CRR	Presented to PRS	0%	Tue 2/17/09	Tue 2/17/09
175	CRR	Presented to TAC	0%	Wed 2/18/09	Wed 2/18/09
176	CRR	Presented to BOD	0%	Thu 2/19/09	Thu 2/19/09
177	CRR	Final Approval - CRR NPRR 140	0%	Thu 2/19/09	Thu 2/19/09
178	CRR	<b>CRR in MOTE</b>	<b>0%</b>	<b>Mon 8/17/09</b>	<b>Mon 9/14/09</b>
179	CRR	Test CRR in MOTE	0%	Mon 8/17/09	Fri 8/28/09
180	CRR	Update CRR documentation	0%	Mon 8/31/09	Mon 9/14/09

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181	CRR	CRR Enhancement #TBD: CRR System Upgrade (jBoss 4.3, Java 1.7)	0%	Mon 6/15/09	Mon 8/31/09
182	<b>CRR</b>	<b>CRR One Line Diagram</b>	<b>0%</b>	<b>Mon 3/2/09</b>	<b>Mon 6/29/09</b>
183	CRR	Provide On-Call Support to EMS	0%	Mon 3/2/09	Mon 6/29/09
184	CRR	CRR One Line Diagram Test Scripts Writen	0%	Mon 3/2/09	Fri 3/27/09
185	CRR	CRR Testing of One Line Diagram Complete	0%	Mon 3/2/09	Fri 4/24/09
186	CRR	CRR One Line Diagram Accessible via MIS	0%	Mon 5/4/09	Mon 6/29/09
187	CRR	CRR Project End	0%	Fri 4/2/10	Fri 4/2/10
2	<b>Nodal IPS</b>	<b>EMS - Energy Management System</b>	<b>57%</b>	<b>Mon 6/2/08</b>	<b>Tue 1/19/10</b>
1	<b>EMS</b>	<b>EMS Program Schedule</b>	<b>51%</b>	<b>Mon 6/2/08</b>	<b>Tue 1/19/10</b>
2	EMS	EMS Re-plan Start (2)	100%	Mon 6/2/08	Mon 6/2/08
3	<b>EMS</b>	<b>Interfaces &amp; Dependancies</b>	<b>0%</b>	<b>Mon 6/2/08</b>	<b>Fri 3/6/09</b>
4	<b>EMS</b>	<b>Receivables</b>	<b>0%</b>	<b>Mon 6/2/08</b>	<b>Fri 3/6/09</b>
6	EMS	Receive NMMS (Model)-> EMS from NMMS	100%	Mon 7/28/08	Mon 7/28/08
8	EMS	Receive NMMS -> EMS (OE) w EIP test from NMMS	100%	Mon 7/28/08	Mon 7/28/08
10	EMS	Receive MMS<->EMS Interface test from MMS	0%	Fri 2/20/09	Fri 2/20/09
12	EMS	Receive OS<->EMS Interface test from OS	100%	Mon 6/2/08	Mon 6/2/08
14	EMS	Receive Synchronized Model (V1.21 schema & data set) NMMS->EMS from NMMS	100%	Wed 12/10/08	Wed 12/10/08
16	EMS	Receive Validated Model (V1.21 schema & data set) From NMMS	0%	Thu 1/8/09	Thu 1/8/09
18	EMS	Receive Validated Model (with Final RARF Data V1.21 schema & data set) from NMMS	0%	Fri 3/6/09	Fri 3/6/09
19	<b>EMS</b>	<b>Deliveries</b>	<b>0%</b>	<b>Fri 11/14/08</b>	<b>Mon 2/23/09</b>
20	EMS	Deliver EMS-> CDR 3C interface(CDR001,EIP027) to CDR	100%	Fri 11/14/08	Fri 11/14/08
22	EMS	Deliver EMS-> EDW 3 (replication & reports) to EDW	0%	Fri 12/19/08	Fri 12/19/08
25	EMS	Deliver EMS->EDW Release 4 (section 8 reports) to EDW	0%	Mon 2/23/09	Mon 2/23/09
27	EMS	Deliver EMS->Corrected data for Total Regulation Report to EDW	0%	Fri 12/19/08	Fri 12/19/08
29	<b>EMS</b>	<b>IMPLEMENTATION &amp; RELEASE (FAT) TESTING</b>	<b>87%</b>	<b>Thu 6/19/08</b>	<b>Mon 4/6/09</b>
30	<b>EMS</b>	<b>EMS Release 5</b>	<b>100%</b>	<b>Thu 6/19/08</b>	<b>Fri 12/19/08</b>
31	<b>EMS</b>	<b>EMS Release 5.1.5.X (EMS 5 OE/VSS)</b>	<b>100%</b>	<b>Thu 6/19/08</b>	<b>Fri 11/14/08</b>
32	<b>EMS</b>	<b>AREVA Development</b>	<b>100%</b>	<b>Tue 7/8/08</b>	<b>Wed 10/29/08</b>
33	EMS	Develop OE	100%	Mon 9/8/08	Mon 9/8/08
34	EMS	Develop VSS	100%	Mon 9/8/08	Mon 9/8/08
35	EMS	Develop Notifications - AREVA	100%	Tue 7/8/08	Mon 8/4/08
36	<b>EMS</b>	<b>AREVA EMS SPRs Patches</b>	<b>100%</b>	<b>Mon 7/28/08</b>	<b>Wed 10/29/08</b>
37	EMS	EMS SPR Patch 1	100%	Mon 7/28/08	Mon 7/28/08
38	EMS	EMS SPR Patch 2	100%	Mon 8/25/08	Mon 8/25/08
39	EMS	EMS SPR Patch 4	100%	Wed 10/29/08	Wed 10/29/08

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40	<b>EMS</b>	<b>ERCOT Development</b>	<b>100%</b>	<b>Thu 6/19/08</b>	<b>Tue 9/30/08</b>
41	<b>EMS</b>	<b>Interface release 5</b>	<b>100%</b>	<b>Mon 6/23/08</b>	<b>Thu 8/28/08</b>
42	EMS	CDR 3C & EDW2	100%	Tue 6/24/08	Tue 7/22/08
43	EMS	Settlements & Billing SPRs	100%	Tue 6/24/08	Tue 7/22/08
44	EMS	Weather Interface SPRs	100%	Tue 6/24/08	Tue 7/22/08
45	<b>EMS</b>	<b>EMS-MMS Interface refactor</b>	<b>100%</b>	<b>Tue 6/24/08</b>	<b>Thu 8/28/08</b>
46	EMS	Re-design the interface (DDN)	100%	Tue 6/24/08	Mon 7/7/08
47	EMS	Revise DDN for MMS comments	100%	Mon 7/7/08	Fri 8/1/08
48	EMS	Deliver Revised DDN to MMS	100%	Fri 8/1/08	Fri 8/1/08
49	EMS	Receive MMS: Received new mapping tables from EMS for EMS-MMS interface from EMS	100%	Fri 8/1/08	Fri 8/1/08
50	EMS	Implement the interface	100%	Thu 7/24/08	Thu 8/28/08
51	EMS	EMS Views/Tables/Data for CDR 3C Aavailbale in iTEST	100%	Mon 6/23/08	Mon 6/23/08
52	EMS	Total Regulation Report - corrected data present	100%	Mon 7/14/08	Mon 8/4/08
53	EMS	Notifications ERCOT	100%	Thu 6/19/08	Tue 8/12/08
54	EMS	Display updates	100%	Tue 8/5/08	Tue 9/30/08
55	<b>EMS</b>	<b>EMS Release 5.1.5.X (EMS 5 OE/VSS) FAT</b>	<b>100%</b>	<b>Tue 8/5/08</b>	<b>Fri 11/14/08</b>
56	EMS	Conduct OE FAT	100%	Tue 9/9/08	Fri 11/14/08
57	EMS	Conduct VSS FAT	100%	Tue 9/9/08	Fri 11/14/08
58	EMS	Conduct Internal Interfaces 5 FAT	100%	Fri 8/29/08	Fri 11/14/08
59	EMS	Conduct Displays FAT	100%	Thu 10/2/08	Fri 11/14/08
60	EMS	Conduct SPR Release FAT	100%	Thu 10/30/08	Fri 11/14/08
61	EMS	Conduct Notifications AREVA FAT	100%	Tue 8/5/08	Fri 9/26/08
62	EMS	Conduct Notifications ERCOT FAT	100%	Wed 8/27/08	Fri 9/26/08
63	EMS	ERCOT CDR Fix Released to iTEST (INT)	100%	Fri 10/24/08	Fri 10/24/08
65	EMS	EMS Release 5.1.5.X (EMS 5 OE/VSS) FAT Complete	100%	Fri 11/14/08	Fri 11/14/08
66	EMS	Deliver EMS 5.1.5.x (OE/VSS) to iTEST (IR3-TC2)	100%	Fri 11/14/08	Fri 11/14/08
68	<b>EMS</b>	<b>EMS Release 5.1.6.x (Habitat 5.6 security Patch) and Interface 6</b>	<b>100%</b>	<b>Mon 11/10/08</b>	<b>Wed 12/10/08</b>
69	EMS	Receive Notice of Security Patch Available (External to Nodal)	100%	Mon 11/10/08	Mon 11/10/08
70	EMS	EMS Release 5.1.6.x (Habitat 5.6 Security Patch) Install and FAT	100%	Mon 11/17/08	Wed 12/10/08
71	EMS	EMS Release 5.1.6.x (Habitat 5.6 Security Patch) FAT Complete	100%	Wed 12/10/08	Wed 12/10/08
72	EMS	Delever Release 5.1.6.x (habitat 5.6 security Patch) to iTest	100%	Wed 12/10/08	Wed 12/10/08
74	<b>EMS</b>	<b>EMS Release 5.1.7.x (CIM Importer)</b>	<b>100%</b>	<b>Mon 7/7/08</b>	<b>Mon 11/3/08</b>
75	<b>EMS</b>	<b>AREVA Development</b>	<b>100%</b>	<b>Wed 9/17/08</b>	<b>Fri 10/10/08</b>
76	EMS	Develop EMS CIM Importer 1.20 & Pre-FAT	100%	Wed 9/17/08	Fri 10/10/08
77	<b>EMS</b>	<b>ERCOT Development</b>	<b>100%</b>	<b>Mon 7/7/08</b>	<b>Tue 9/16/08</b>

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
78	EMS	Iterations with NMMS to fix Schemas & populate data	100%	Mon 7/7/08	Tue 9/16/08
79	EMS	EMS Release 5.1.7.x (CIM Importer 1.20) FAT	100%	Mon 10/13/08	Fri 10/31/08
80	EMS	EMS Release 5.1.7.x (CIM Importer 1.20) FAT Complete	100%	Fri 10/31/08	Fri 10/31/08
81	EMS	Deliver Release 5.1.7.x (CIM Importer 1.20) to iTEST & NMMS	100%	Mon 11/3/08	Mon 11/3/08
84	EMS	<b>EMS Release 5.1.8.x (Habitat 5.7)</b>	<b>100%</b>	<b>Mon 9/22/08</b>	<b>Fri 12/19/08</b>
85	EMS	Habitat 5.7 Code Receive from AREVA	100%	Mon 9/22/08	Mon 9/22/08
86	EMS	Re-issue Security Patch w/ bug fix for Habitat 5.7	100%	Wed 12/10/08	Wed 12/10/08
87	EMS	EMS Release 5.1.8.x (Habitat 5.7) FAT	100%	Thu 12/11/08	Wed 12/17/08
88	EMS	EMS Release 5.1.8.x (Habitat 5.7) FAT Complete	100%	Fri 12/19/08	Fri 12/19/08
89	EMS	Deliver Release 5.1.8.x (Habit 5.7) to iTEST	100%	Fri 12/19/08	Fri 12/19/08
91	EMS	<b>EMS Build 6</b>	<b>77%</b>	<b>Tue 10/7/08</b>	<b>Mon 4/6/09</b>
92	EMS	<b>EMS 6.X Product Development (Add-Ons Approved by BoD/TPTF)</b>	<b>77%</b>	<b>Tue 10/7/08</b>	<b>Mon 4/6/09</b>
93	EMS	<b>EMS 6.1.1.x SIG Papers &amp; NPRRs Implementation</b>	<b>92%</b>	<b>Mon 10/13/08</b>	<b>Mon 2/23/09</b>
94	EMS	<b>MAI Requirements Analysis &amp; I/F Definition</b>	<b>100%</b>	<b>Wed 10/29/08</b>	<b>Fri 12/19/08</b>
95	EMS	Receive CCB Approval to Develop MAI	100%	Wed 10/29/08	Wed 10/29/08
96	EMS	Identify EMS Requirements Impacted by MAI	100%	Wed 10/29/08	Fri 12/19/08
97	EMS	<b>SIG Papers Requirements Analysis &amp; I/F Definition (Update Requirements Docs)</b>	<b>100%</b>	<b>Mon 10/13/08</b>	<b>Fri 11/7/08</b>
98	EMS	Receive SIG Papers Approval From BoD (External to Nodal)	100%	Mon 10/13/08	Mon 10/13/08
99	EMS	Identify EMS Requirements Documents Impacted by SIGs	100%	Mon 10/13/08	Fri 11/7/08
100	EMS	<b>NPRR Requirements Analysis &amp; I/F Definition (Update Requirements Docs)</b>	<b>100%</b>	<b>Tue 10/21/08</b>	<b>Tue 12/9/08</b>
101	EMS	NPRRs Approved	100%	Tue 10/21/08	Tue 10/21/08
102	EMS	Identify EMS Requirements Impacted by Approved NPRRs No. 92	100%	Wed 10/22/08	Wed 10/22/08
103	EMS	Identify EMS Requirements Impacted by Approved NPRRs No. 97	100%	Wed 10/22/08	Tue 12/9/08
104	EMS	Identify EMS Requirements Impacted by Approved NPRRs No. 102	100%	Wed 10/22/08	Fri 12/5/08
105	EMS	Identify EMS Requirements Impacted by Approved NPRRs No. 113	100%	Wed 10/22/08	Fri 12/5/08
106	EMS	Identify EMS Requirements Impacted by Approved NPRRs No. 119	100%	Wed 10/22/08	Wed 10/22/08
107	EMS	Update EMS Requirements Documents as Needed	100%	Wed 12/10/08	Fri 1/9/09
108	EMS	EMS Requirements Documents Revisions Complete	100%	Fri 1/9/09	Fri 1/9/09
109	EMS	<b>Areva OTS/EMS Code Merge</b>	<b>100%</b>	<b>Mon 11/17/08</b>	<b>Wed 1/7/09</b>
110	EMS	Code Merge Planning	100%	Mon 11/17/08	Wed 12/10/08
111	EMS	OTS Code Merging	100%	Thu 12/11/08	Wed 1/7/09
112	EMS	<b>ERCOT SIG &amp; NPRR Development</b>	<b>100%</b>	<b>Mon 11/10/08</b>	<b>Wed 1/7/09</b>
113	EMS	SIG0002 Private Use Networks	100%	Mon 11/10/08	Wed 12/10/08
114	EMS	SIG0003/9/22 CCP/Resource locations/Trans constraints	100%	Mon 11/10/08	Mon 1/5/09
115	EMS	SIG0006 Flowgate Modeling	100%	Mon 11/10/08	Mon 1/5/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
116	EMS	SIG0008-Non-modeled Generation	100%	Mon 11/10/08	Wed 12/10/08
117	EMS	SIG0020-Rounding	100%	Mon 11/10/08	Wed 12/10/08
118	EMS	SIG0011-Net Generation	100%	Mon 11/10/08	Wed 12/10/08
119	EMS	IDA 46 Net Metering (EPS Meter)	100%	Mon 11/10/08	Wed 1/7/09
120	EMS	ERCOT SIG development Complete	100%	Wed 1/7/09	Wed 1/7/09
121	EMS	NPRR 97 (1) Changes to Section 8 (EDW 3B)	100%	Wed 12/10/08	Mon 1/5/09
122	EMS	NPRR 102 (1) PUC Subst. R. 25.505(f), Publication of Resource & Load Information	100%	Mon 12/8/08	Mon 1/5/09
123	EMS	ERCOT NPRR development complete	100%	Mon 1/5/09	Mon 1/5/09
124	EMS	<b>Interface 6 (CDR) Development</b>	<b>100%</b>	<b>Mon 11/17/08</b>	<b>Fri 12/19/08</b>
125	EMS	CDR 4 Interface Development	100%	Mon 11/17/08	Fri 12/19/08
126	EMS	Deliver Interface 6.1.1 to CDR	100%	Fri 12/19/08	Fri 12/19/08
128	EMS	Interface 6 Complete	100%	Fri 12/19/08	Fri 12/19/08
129	EMS	<b>Interface 7 (EDW) Development</b>	<b>99%</b>	<b>Mon 1/5/09</b>	<b>Tue 1/6/09</b>
130	EMS	EDW 3A: Section 8 Reports	100%	Mon 1/5/09	Tue 1/6/09
131	EMS	Deliver Interface 7 to EDW	0%	Tue 1/6/09	Tue 1/6/09
133	EMS	Interface 7 Complete	0%	Tue 1/6/09	Tue 1/6/09
134	EMS	<b>EMS Release 6.1.1.X FAT (SIG &amp; NPRRs and I/F)</b>	<b>0%</b>	<b>Thu 1/8/09</b>	<b>Mon 2/23/09</b>
135	EMS	Perform 6.1.1. FAT (SIGs, NPRRs 97, 102, I/F)	0%	Thu 1/8/09	Mon 2/23/09
136	EMS	EMS Release 6.1.1.x FAT Complete (SIGs, NPRRs 97, 102, I/F)	0%	Mon 2/23/09	Mon 2/23/09
137	EMS	Deliver Release 6.1.1 (SIGs and NPRRs, I/F) to iTest	0%	Mon 2/23/09	Mon 2/23/09
139	EMS	<b>EMS Release 6.1.2.X (System Maps UI)</b>	<b>55%</b>	<b>Mon 10/20/08</b>	<b>Fri 2/13/09</b>
140	EMS	Requirements Analysis & Definition	100%	Mon 10/20/08	Fri 10/31/08
141	EMS	System Map Development	100%	Mon 11/3/08	Mon 1/5/09
142	EMS	Market Analyst Interface (MAI)	30%	Mon 1/5/09	Fri 1/16/09
143	EMS	Market Analyst Interface (MAI) FAT	0%	Mon 1/19/09	Fri 2/13/09
144	EMS	Market Analyst Interface (MAI) FAT Complete	0%	Fri 2/13/09	Fri 2/13/09
145	EMS	Perform System Map FAT	0%	Tue 1/6/09	Mon 1/19/09
146	EMS	EMS 6.1.2.x FAT Complete	0%	Mon 1/19/09	Mon 1/19/09
147	EMS	Deliver Release 6.1.2.x (System Maps) to iTEST	0%	Mon 1/19/09	Mon 1/19/09
149	EMS	<b>EMS Release 6.1.3.X (CIM Importer w/ 1.21 Schema)</b>	<b>70%</b>	<b>Tue 10/7/08</b>	<b>Fri 2/13/09</b>
150	EMS	<b>EMS CIM Importer 1.21 Schema and Areva SIG0002, SIG0008</b>	<b>70%</b>	<b>Tue 10/7/08</b>	<b>Fri 2/13/09</b>
151	EMS	<b>Areva SIG Development</b>	<b>70%</b>	<b>Mon 11/10/08</b>	<b>Fri 2/13/09</b>
152	EMS	SIG0002 Private Use Networks	80%	Mon 11/10/08	Mon 1/19/09
153	EMS	SIG0008 Non Modeled Generation	70%	Mon 11/10/08	Fri 1/30/09
154	EMS	IDA 46 Net Metering (EPS Meter)	100%	Mon 11/10/08	Thu 11/20/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
155	EMS	Perform Areva SIG Release FAT	0%	Mon 2/2/09	Fri 2/13/09
156	EMS	EMS Release 6.1.3 SIG FAT Complete	0%	Fri 2/13/09	Fri 2/13/09
157	EMS	<b>CIM 1.21 Refactoring</b>	<b>72%</b>	<b>Tue 10/7/08</b>	<b>Fri 2/6/09</b>
158	EMS	Define CIM Data Dictionary for 1.21	100%	Tue 10/7/08	Tue 10/7/08
159	EMS	EMS CIM Importer 1.21 Refactor	100%	Wed 10/8/08	Wed 12/10/08
160	EMS	CIM Importer 1.21 Test with NMMS Data	100%	Thu 12/11/08	Fri 12/19/08
161	EMS	Perform CIM Importer 1.21 FAT	0%	Mon 1/12/09	Fri 2/6/09
162	EMS	EMS Release 6.1.3 CIM 1.21 FAT Complete	0%	Fri 2/6/09	Fri 2/6/09
163	EMS	Delever Release 6.1.3.x (CIM 121 and SIGs) to iTest	0%	Fri 2/13/09	Fri 2/13/09
165	EMS	<b>EMS Release 6.1.4 (Regression &amp; Integration)</b>	<b>27%</b>	<b>Thu 12/11/08</b>	<b>Mon 3/16/09</b>
166	EMS	EMS Migration to CVS (Code Validation System)	0%	Tue 2/24/09	Mon 3/2/09
167	EMS	EMS 6.X Regression Tests	0%	Tue 3/3/09	Mon 3/16/09
168	EMS	EMS to MMS I/F development and unit test and planning	40%	Thu 12/11/08	Wed 2/4/09
169	EMS	Deliver EMS Resources for MMS to EMS Testing to MMS	0%	Wed 2/4/09	Wed 2/4/09
171	EMS	EMS 6.X Ready for Integration	0%	Mon 3/16/09	Mon 3/16/09
172	EMS	EMS Regression, Integration & Performance Tests Complete	0%	Mon 3/16/09	Mon 3/16/09
173	EMS	Deliver Integrated EMS (Final) to iTEST	0%	Mon 3/16/09	Mon 3/16/09
175	EMS	Delivery to EDS/iTEST	0%	Mon 3/16/09	Mon 3/16/09
176	EMS	<b>EMS Release 6.1.x (SPRs &amp; Misc Code) FAT</b>	<b>0%</b>	<b>Tue 3/17/09</b>	<b>Mon 4/6/09</b>
177	EMS	Maintenance and Rework/Test to 6.	0%	Tue 3/17/09	Mon 4/6/09
178	EMS	Deliver Release 6.X (SPR) to iTEST (DELETE)	0%	Mon 4/6/09	Mon 4/6/09
179	EMS	<b>EMS Study Apps Performance Tests</b>	<b>83%</b>	<b>Fri 12/19/08</b>	<b>Fri 1/9/09</b>
180	EMS	Study Performance Test plan/procedures	100%	Fri 12/19/08	Mon 1/5/09
181	EMS	Study Server Performance Tests	100%	Tue 1/6/09	Wed 1/7/09
182	EMS	Study Performance Test SPRs	50%	Thu 1/8/09	Fri 1/9/09
183	EMS	EMS Study Apps Performance Tests Complete	0%	Fri 1/9/09	Fri 1/9/09
184	EMS	<b>Zonal Seed SEM for Go Live to NMMS &amp; EDS</b>	<b>0%</b>	<b>Mon 3/9/09</b>	<b>Thu 10/8/09</b>
185	EMS	NMMS Prepares Zonal Savecases for AREVA	0%	Mon 3/9/09	Fri 4/10/09
186	EMS	Prepare Zonal Seed for Validation SEM Go-live from AREVA	0%	Mon 4/13/09	Fri 5/8/09
187	EMS	Deliver Zonal Seed for Validation SEM Go Live to NMMS	0%	Fri 5/8/09	Fri 5/8/09
189	EMS	<b>SEM Support (NMMS Funded)</b>	<b>0%</b>	<b>Tue 7/7/09</b>	<b>Thu 10/8/09</b>
191	EMS	Support Data Consistency test (Stage 1)	0%	Tue 7/7/09	Tue 8/4/09
193	EMS	Support Data Consistency test (Stage 2)	0%	Tue 8/25/09	Thu 10/8/09
194	EMS	<b>EMS Project End-User Deliverable Documentation</b>	<b>19%</b>	<b>Tue 8/5/08</b>	<b>Wed 7/8/09</b>
195	EMS	<b>AREVA Documents</b>	<b>43%</b>	<b>Mon 11/17/08</b>	<b>Mon 4/27/09</b>

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
196	EMS	OE Document AREVA	15%	Mon 11/17/08	Fri 2/27/09
197	EMS	VSS Document AREVA	100%	Mon 11/17/08	Wed 12/10/08
198	<b>EMS</b>	<b>As built documentation (AREVA)</b>	<b>46%</b>	<b>Thu 12/11/08</b>	<b>Mon 4/27/09</b>
199	EMS	Display Reference Guides	0%	Tue 3/17/09	Mon 4/27/09
200	EMS	Operational Guide	0%	Tue 3/17/09	Mon 4/27/09
201	EMS	Maintenance Guide	0%	Tue 3/17/09	Mon 4/27/09
202	EMS	User Guide	0%	Tue 3/17/09	Mon 4/27/09
203	<b>EMS</b>	<b>Update Documents for CIM Importer Model 1.21</b>	<b>73%</b>	<b>Thu 12/11/08</b>	<b>Fri 2/13/09</b>
204	EMS	OAG DDN update	90%	Thu 12/11/08	Fri 2/13/09
205	EMS	Gen DDN	90%	Thu 12/11/08	Fri 2/13/09
206	EMS	SCADA DDN	90%	Thu 12/11/08	Fri 2/13/09
207	EMS	Network DDN	20%	Thu 12/11/08	Fri 2/13/09
208	<b>EMS</b>	<b>Areva Updated DDNs for SIGs</b>	<b>85%</b>	<b>Thu 12/11/08</b>	<b>Wed 1/21/09</b>
209	EMS	SIG0002 Private Use Networks	90%	Thu 12/11/08	Wed 1/21/09
210	EMS	SIG0008 Non Modeled Generation	80%	Thu 12/11/08	Wed 1/21/09
211	EMS	AREVA Documentation Complete	0%	Mon 4/27/09	Mon 4/27/09
212	<b>EMS</b>	<b>ERCOT Documents</b>	<b>10%</b>	<b>Tue 8/5/08</b>	<b>Wed 7/8/09</b>
213	EMS	System Monitor Document Development	0%	Tue 4/7/09	Mon 5/4/09
214	EMS	EMS External Interface Document	100%	Tue 8/5/08	Tue 9/30/08
215	<b>EMS</b>	<b>As built Documentation (ERCOT)</b>	<b>3%</b>	<b>Mon 11/17/08</b>	<b>Wed 4/8/09</b>
216	EMS	Display Reference Guides (ERCOT Developed)	6%	Mon 11/17/08	Wed 2/4/09
217	EMS	Operational Guide	6%	Mon 11/17/08	Wed 2/4/09
218	EMS	Maintenance Guide	0%	Thu 2/5/09	Wed 4/8/09
219	EMS	User Guide ERCOT Developed	0%	Thu 2/5/09	Wed 4/8/09
220	<b>EMS</b>	<b>Release Management &amp; Approvals</b>	<b>7%</b>	<b>Fri 9/26/08</b>	<b>Wed 7/8/09</b>
221	<b>EMS</b>	<b>Use Cases update</b>	<b>0%</b>	<b>Tue 4/28/09</b>	<b>Tue 5/26/09</b>
222	EMS	Blackout	0%	Tue 4/28/09	Tue 5/26/09
223	EMS	Data Archival	0%	Tue 4/28/09	Tue 5/26/09
224	EMS	Data Model Performance Evaluation	0%	Tue 4/28/09	Tue 5/26/09
225	EMS	State Estimator Performance Evaluation	0%	Tue 4/28/09	Tue 5/26/09
226	EMS	DC Tie	0%	Tue 4/28/09	Tue 5/26/09
227	EMS	DMI	0%	Tue 4/28/09	Tue 5/26/09
228	EMS	Failover	0%	Tue 4/28/09	Tue 5/26/09
229	EMS	SCADA	0%	Tue 4/28/09	Tue 5/26/09
230	EMS	Telecommunications Redundancy	0%	Tue 4/28/09	Tue 5/26/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
231	EMS	Wind Power Forecasting	0%	Tue 4/28/09	Tue 5/26/09
232	EMS	EMS CIM Importer	0%	Tue 4/28/09	Tue 5/26/09
233	EMS	Display Reference Guide	0%	Tue 4/28/09	Thu 6/11/09
234	EMS	Operational Guide	0%	Tue 4/28/09	Thu 6/11/09
235	EMS	Maintenance Guide	0%	Tue 4/28/09	Thu 6/11/09
236	EMS	User Guide	0%	Tue 4/28/09	Thu 6/11/09
237	EMS	System Monitoring Document	0%	Tue 5/5/09	Wed 7/8/09
238	EMS	Update previously approved Use cases?	0%	Tue 4/28/09	Tue 6/30/09
239	EMS	Update previously approved DD docs?	0%	Tue 4/28/09	Tue 6/30/09
240	EMS	Review EMS External Interface Specification	100%	Wed 10/1/08	Tue 11/4/08
241	EMS	All Release Management Approvals Complete	0%	Wed 7/8/09	Wed 7/8/09
242	EMS	QA New Documents	10%	Fri 9/26/08	Fri 3/27/09
243	EMS	CIM Importer - QA Reviews	0%	Mon 2/16/09	Thu 3/19/09
244	EMS	OAG DDN - QA	0%	Mon 2/16/09	Thu 3/19/09
245	EMS	GEN DDN - QA	0%	Mon 2/16/09	Thu 3/19/09
246	EMS	SCADA DDN - QA	0%	Mon 2/16/09	Thu 3/19/09
247	EMS	NETWORK DDN - QA	0%	Mon 2/16/09	Thu 3/19/09
248	EMS	OE Document ERCOT - QA	0%	Mon 3/2/09	Fri 3/27/09
249	EMS	VSS Document ERCOT - QA	1%	Thu 12/11/08	Tue 1/27/09
250	EMS	LFC (Includes FSS) - QA	100%	Fri 9/26/08	Fri 10/24/08
251	EMS	MTLF (zonal development/picked up by Nodal) - QA	0%	Tue 1/6/09	Wed 3/4/09
252	EMS	QA New Documents Completed	0%	Fri 3/27/09	Fri 3/27/09
253	EMS	EMS Project Training	8%	Mon 6/2/08	Thu 11/12/09
254	EMS	Develop EMS Training Plan	100%	Mon 6/2/08	Wed 6/11/08
255	EMS	Approval of Training Plan (EMMS Dev / Support & Ops)	100%	Wed 6/11/08	Fri 6/27/08
256	EMS	Define EMS courses content	0%	Tue 2/24/09	Mon 3/16/09
257	EMS	Training Course Development	0%	Wed 6/10/09	Thu 10/15/09
258	EMS	Develop Product Training Lite (PTL)	0%	Wed 6/10/09	Wed 8/5/09
259	EMS	Develop Application Support Training (AST)	0%	Wed 6/10/09	Mon 8/17/09
260	EMS	Develop User/Product Training (UPT)	0%	Wed 6/10/09	Thu 10/15/09
261	EMS	Training Delivery	0%	Thu 8/6/09	Thu 11/12/09
262	EMS	Product Training Lite (PTL)	0%	Thu 8/6/09	Wed 9/2/09
263	EMS	EMS PTL #1	0%	Thu 8/6/09	Wed 8/19/09
264	EMS	EMS PTL #2	0%	Thu 8/20/09	Wed 9/2/09
265	EMS	Application Support Training (AST)	0%	Tue 8/18/09	Tue 9/15/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
266	EMS	EMS AST #1	0%	Tue 8/18/09	Mon 8/31/09
267	EMS	EMS AST #2	0%	Tue 9/1/09	Tue 9/15/09
268	<b>EMS</b>	<b>User/Product Training (UPT)</b>	<b>0%</b>	<b>Fri 10/16/09</b>	<b>Thu 11/12/09</b>
269	EMS	EMS UPT #1	0%	Fri 10/16/09	Thu 10/29/09
270	EMS	EMS UPT #2	0%	Fri 10/30/09	Thu 11/12/09
271	EMS	Training Delivery Completed	0%	Thu 11/12/09	Thu 11/12/09
272	<b>EMS</b>	<b>EMS S/W Maintenance &amp; Support (During Project Only)</b>	<b>51%</b>	<b>Tue 6/3/08</b>	<b>Fri 8/21/09</b>
273	EMS	System build processes maintenance (Align Dev/FAT to EDS system)	70%	Wed 8/20/08	Mon 3/9/09
274	<b>EMS</b>	<b>Defect Investigation &amp; Re-work</b>	<b>50%</b>	<b>Tue 6/3/08</b>	<b>Fri 8/21/09</b>
275	EMS	FOD Defect Identification/Resolution	50%	Tue 6/3/08	Fri 8/21/09
276	EMS	TCM/SE Defect Identification/Resolution	50%	Tue 6/3/08	Fri 8/21/09
277	EMS	Interfaces Out Defect Identification/Resolution	50%	Tue 6/3/08	Fri 8/21/09
278	EMS	Interfaces In Defect Identification/Resolution	50%	Tue 6/3/08	Fri 8/21/09
279	EMS	MTLF Defect Identification/Resolution	50%	Tue 6/3/08	Fri 8/21/09
280	EMS	CA/DRAP Defect Identification/Resolution	50%	Tue 6/3/08	Fri 8/21/09
281	EMS	Gen Defect Identification/Resolution	50%	Tue 6/3/08	Fri 8/21/09
282	EMS	SCADA/System Defect Identification/Resolution	50%	Tue 6/3/08	Fri 8/21/09
283	EMS	EMS UI Defect Identification/Resolution	50%	Tue 6/3/08	Fri 8/21/09
284	<b>EMS</b>	<b>EMS Transition to Home Teams &amp; Close</b>	<b>0%</b>	<b>Fri 4/24/09</b>	<b>Tue 1/19/10</b>
285	EMS	EMS Transition plan update	0%	Fri 4/24/09	Fri 6/5/09
286	EMS	EMS Transition to EMMS Development	0%	Fri 11/13/09	Tue 12/15/09
287	EMS	EMS Transition to Production Support	0%	Mon 6/8/09	Mon 7/6/09
288	EMS	EMS Transition to NMMS (model maintenance)	0%	Mon 6/8/09	Mon 7/6/09
289	EMS	EMS Transition to Outage Scheduler (OE)	0%	Tue 9/1/09	Tue 9/29/09
290	EMS	EMS Transition to Operation Support	0%	Tue 9/1/09	Tue 9/29/09
291	EMS	EMS Transition to 168 Hour Test	0%	Wed 12/16/09	Tue 1/19/10
292	EMS	END OF PROJECT	0%	Tue 1/19/10	Tue 1/19/10
293	<b>EMS</b>	<b>PRIOR WORK COMPLETED IN OLD SCHEDULE (Partial)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/17/08</b>
294	<b>EMS</b>	<b>Zonal Seed Stage 1</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/13/08</b>
295	EMS	ERCOT Sends Zonal Save Cases to AREVA	100%	Mon 6/2/08	Mon 6/2/08
296	<b>EMS</b>	<b>AREVA</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/13/08</b>
297	EMS	Develop the Export XML file	100%	Mon 6/2/08	Fri 6/13/08
298	<b>EMS</b>	<b>ERCOT</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
299	EMS	Zonal Seed Stage 1 Handoff to NMMS	100%	Mon 6/2/08	Mon 6/2/08
300	<b>EMS</b>	<b>Development Tasks Completed</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 6/25/08</b>

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
301	EMS	FSS	100%	Mon 6/2/08	Wed 6/25/08
302	EMS	Study Server	100%	Tue 6/3/08	Wed 6/4/08
303	<b>EMS</b>	<b>Internal release 2 +</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
304	EMS	Dynamic Ratings Enhancements	100%	Mon 6/2/08	Mon 6/2/08
305	EMS	TCM Enhancements	100%	Mon 6/2/08	Mon 6/2/08
306	EMS	OS API in FOD	100%	Mon 6/2/08	Mon 6/2/08
307	EMS	COP API in FOD	100%	Mon 6/2/08	Mon 6/2/08
308	EMS	Interface patch 2	100%	Mon 6/2/08	Mon 6/2/08
309	<b>EMS</b>	<b>Internal release 3</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
310	EMS	Interface patch 3	100%	Mon 6/2/08	Mon 6/2/08
311	EMS	SPRs	100%	Mon 6/2/08	Mon 6/2/08
312	EMS	Interface release 4	100%	Tue 6/3/08	Mon 6/23/08
313	<b>EMS</b>	<b>Control room wall board Implementation (CI128)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/17/08</b>
314	EMS	Build internal proof concept'	100%	Mon 6/2/08	Wed 7/9/08
315	EMS	Evaluate eterra Vision & select	100%	Fri 8/15/08	Fri 9/5/08
316	<b>EMS</b>	<b>Wall Board Development</b>	<b>100%</b>	<b>Mon 9/8/08</b>	<b>Fri 10/17/08</b>
317	EMS	WB design Document	100%	Mon 9/8/08	Fri 9/26/08
318	EMS	EMS WB Doc Review	100%	Mon 9/29/08	Fri 10/17/08
319	EMS	Displays Updates	100%	Tue 8/5/08	Wed 10/1/08
320	<b>EMS</b>	<b>Documents</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 9/24/08</b>
321	EMS	Load Forecast (MTLF) - from zonal	100%	Fri 7/18/08	Fri 7/18/08
322	EMS	LFC Rqt Doc update	100%	Tue 7/22/08	Tue 7/22/08
323	EMS	Habitat 5.7 Installation Notes	100%	Fri 9/19/08	Mon 9/22/08
324	<b>EMS</b>	<b>CIM Importer DDNs Model 1.20</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 9/24/08</b>
325	<b>EMS</b>	<b>OAG DDN</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/13/08</b>
326	EMS	Submitted for ERCOT Review	100%	Mon 6/2/08	Mon 6/2/08
327	EMS	ERCOT Approval	100%	Mon 6/2/08	Fri 6/13/08
328	EMS	SCADA DDN	100%	Tue 7/8/08	Mon 8/11/08
329	EMS	Network DDN	100%	Mon 7/7/08	Thu 9/4/08
330	EMS	Generation DDN	100%	Tue 7/1/08	Wed 9/24/08
331	<b>EMS</b>	<b>EMS Release Dates to Exit FAT - Completed</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 8/11/08</b>
332	<b>EMS</b>	<b>EMS Release 4.1.11.3 (DYNRTG)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 6/11/08</b>
333	EMS	Internal release 2	100%	Tue 6/3/08	Wed 6/11/08
334	EMS	DataMan Patch (30416)	100%	Mon 6/2/08	Wed 6/4/08
335	EMS	WebFG 3.5 (30841)	100%	Mon 6/2/08	Tue 6/10/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
336	EMS	FG Builder 5.6 (30894)	100%	Tue 6/3/08	Wed 6/11/08
337	<b>EMS</b>	<b>EMS Release 4.1.12.3 (Interface-3)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/13/08</b>
338	EMS	Internal release 3	100%	Tue 6/3/08	Tue 6/10/08
339	EMS	Study SE	100%	Mon 6/2/08	Fri 6/13/08
340	EMS	EMS Release 5.1.2.x (RLC Emergency Patch)	100%	Thu 6/19/08	Thu 6/19/08
341	<b>EMS</b>	<b>EMS Release 5.1.3.3 (EMS 5 Support)</b>	<b>100%</b>	<b>Wed 6/4/08</b>	<b>Fri 7/18/08</b>
342	EMS	RQT	100%	Tue 6/24/08	Wed 7/2/08
343	EMS	Study Server	100%	Wed 6/4/08	Wed 6/18/08
344	EMS	FSS	100%	Tue 6/24/08	Mon 7/7/08
345	EMS	Internal Interface 4	100%	Tue 6/24/08	Fri 7/18/08
346	EMS	Alarm configuration (GEN&FOD)	100%	Wed 7/2/08	Tue 7/15/08
347	EMS	Deliver 5.1.3.3 Release to iTEST	100%	Tue 7/15/08	Tue 7/15/08
348	EMS	Receive EMS 5.1.3 from EMS	100%	Tue 7/15/08	Tue 7/15/08
349	<b>EMS</b>	<b>EMS Release 5.1.4.x (VSAT/TSAT, etc)</b>	<b>100%</b>	<b>Mon 7/21/08</b>	<b>Mon 8/11/08</b>
350	EMS	VSAT/TSAT	100%	Mon 7/21/08	Mon 8/11/08
351	EMS	Deliver Release 5.1.4.x (VSAT/TSAT) to iTEST	100%	Mon 8/11/08	Mon 8/11/08
352	EMS	Receive EMS 5.1.4(VSAT/TSAT) from EMS	100%	Mon 8/11/08	Mon 8/11/08
353	<b>EMS</b>	<b>EMS Replan - Completed by Dave H.</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 11/4/08</b>
354	<b>EMS</b>	<b>Milestones</b>	<b>100%</b>	<b>Thu 8/28/08</b>	<b>Thu 8/28/08</b>
355	EMS	Completion of EMS 3 Features Release	100%	Thu 8/28/08	Thu 8/28/08
356	EMS	Completion of EMS 4 Features Release	100%	Thu 8/28/08	Thu 8/28/08
357	<b>EMS</b>	<b>Interfaces &amp; Dependancies</b>	<b>100%</b>	<b>Tue 6/10/08</b>	<b>Fri 9/26/08</b>
358	<b>EMS</b>	<b>Receivables</b>	<b>100%</b>	<b>Mon 7/28/08</b>	<b>Mon 7/28/08</b>
359	EMS	Receive NMMS (Model)-> EMS from NMMS	100%	Mon 7/28/08	Mon 7/28/08
360	<b>EMS</b>	<b>Deliveries</b>	<b>100%</b>	<b>Tue 6/10/08</b>	<b>Fri 9/26/08</b>
361	EMS	Deliver EMS Ready to Intgrate earlier interfaces & releases to CDR	100%	Fri 7/18/08	Fri 7/18/08
363	EMS	Deliver EMS->EDW Earlier Release interface to EDW	100%	Tue 6/10/08	Tue 6/10/08
365	EMS	EMS->Notifications w EIP162(ERCOT)	100%	Fri 9/26/08	Fri 9/26/08
366	EMS	EMS->Notifications w EIP162 (AREVA)	100%	Fri 9/26/08	Fri 9/26/08
367	EMS	EMS-CDR ready for Itest	100%	Fri 9/26/08	Fri 9/26/08
368	<b>EMS</b>	<b>EMS Release Dates to Exit FAT</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 11/3/08</b>
369	<b>EMS</b>	<b>EMS Release 4.1.11.3 (DYNRTG)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 6/11/08</b>
370	EMS	Internal release 2	100%	Tue 6/3/08	Wed 6/11/08
371	EMS	DataMan Patch (30416)	100%	Mon 6/2/08	Wed 6/4/08
372	EMS	WebFG 3.5 (30841)	100%	Mon 6/2/08	Tue 6/10/08

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
373	EMS	FG Builder 5.6 (30894)	100%	Tue 6/3/08	Wed 6/11/08
374	<b>EMS</b>	<b>EMS Release 4.1.12.3 (Interface-3)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/13/08</b>
375	EMS	Internal release 3	100%	Tue 6/3/08	Tue 6/10/08
376	EMS	Study SE	100%	Mon 6/2/08	Fri 6/13/08
377	EMS	EMS Release 5.1.2.x (RLC Emergency Patch)	100%	Thu 6/19/08	Thu 6/19/08
378	<b>EMS</b>	<b>EMS Release 5.1.3.3 (EMS 5 Support)</b>	<b>100%</b>	<b>Wed 6/4/08</b>	<b>Fri 7/18/08</b>
379	EMS	RQT	100%	Tue 6/24/08	Wed 7/2/08
380	EMS	Study Server	100%	Wed 6/4/08	Wed 6/18/08
381	EMS	FSS	100%	Tue 6/24/08	Mon 7/7/08
382	EMS	Internal Interface 4	100%	Tue 6/24/08	Fri 7/18/08
383	EMS	Alarm configuration (GEN&FOD)	100%	Wed 7/2/08	Tue 7/15/08
384	EMS	Deliver 5.1.3.3 Release to iTEST	100%	Tue 7/15/08	Tue 7/15/08
386	<b>EMS</b>	<b>EMS Release 5.1.5.X (EMS 5 OE/VSS)</b>	<b>100%</b>	<b>Tue 8/5/08</b>	<b>Fri 9/26/08</b>
387	EMS	Notifications ERCOT	100%	Tue 8/5/08	Fri 9/26/08
388	EMS	Notifications AREVA	100%	Tue 8/5/08	Fri 9/26/08
389	<b>EMS</b>	<b>EMS Release 5.1.4.x (VSAT/TSAT, etc)</b>	<b>100%</b>	<b>Mon 7/21/08</b>	<b>Mon 8/11/08</b>
390	EMS	VSAT/TSAT	100%	Mon 7/21/08	Mon 8/11/08
391	EMS	Deliver Release 5.1.4.x (VSAT/TSAT) to iTEST	100%	Mon 8/11/08	Mon 8/11/08
393	<b>EMS</b>	<b>EMS Release 5.1.7.x (CIM Importer)</b>	<b>100%</b>	<b>Mon 10/13/08</b>	<b>Mon 11/3/08</b>
394	EMS	EMS CIM Importer FAT	100%	Mon 10/13/08	Mon 11/3/08
395	EMS	Deliver Release 5.1.7.x (CIM Importer) to iTEST & NMMS	100%	Mon 11/3/08	Mon 11/3/08
396	<b>EMS</b>	<b>EMS Release 5.1.8.x</b>	<b>100%</b>	<b>Thu 10/23/08</b>	<b>Thu 10/23/08</b>
397	EMS	Deliver Release 5.1.8.x (CDR Bug Fix) to CDR	100%	Thu 10/23/08	Thu 10/23/08
398	<b>EMS</b>	<b>Quality Assurance Documents</b>	<b>100%</b>	<b>Fri 9/26/08</b>	<b>Tue 11/4/08</b>
399	EMS	Review EMS External Interface Specification	100%	Wed 10/1/08	Tue 11/4/08
400	<b>EMS</b>	<b>QA New Documents</b>	<b>100%</b>	<b>Fri 9/26/08</b>	<b>Fri 10/24/08</b>
401	EMS	LFC (Includes FSS) - QA	100%	Fri 9/26/08	Fri 10/24/08
402	<b>EMS</b>	<b>Implementation</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/31/08</b>
403	<b>EMS</b>	<b>AREVA Development</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/31/08</b>
404	<b>EMS</b>	<b>EMS 5 Features</b>	<b>100%</b>	<b>Mon 9/8/08</b>	<b>Mon 9/8/08</b>
405	EMS	OE	100%	Mon 9/8/08	Mon 9/8/08
406	EMS	VSS	100%	Mon 9/8/08	Mon 9/8/08
407	<b>EMS</b>	<b>CIM Importer</b>	<b>100%</b>	<b>Mon 7/7/08</b>	<b>Mon 10/13/08</b>
408	EMS	Iterations with NMMS to fix Schemas & populated data	100%	Mon 7/7/08	Tue 9/16/08
409	EMS	EMS CIM Importer Pre-FAT	100%	Wed 9/17/08	Fri 10/10/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
410	EMS	EMS CIM Importer Pre-FAT Completed	100%	Mon 10/13/08	Mon 10/13/08
411	EMS	Zonal Seed for Validation Stage 1 (AREVA Delivery)	100%	Mon 10/20/08	Fri 10/31/08
412	EMS	Deliver Data Validation Zonal Seed for DD1.21 to NMMS	100%	Fri 10/31/08	Fri 10/31/08
414	EMS	<b>EMS SPRs Patches from AREVA</b>	<b>100%</b>	<b>Mon 7/28/08</b>	<b>Wed 10/29/08</b>
415	EMS	EMS SPR Patch 1	100%	Mon 7/28/08	Tue 7/29/08
416	EMS	EMS SPR Patch 2	100%	Mon 8/25/08	Tue 8/26/08
417	EMS	EMS SPR Patch 3	100%	Wed 10/1/08	Thu 10/2/08
418	EMS	EMS SPR Patch 4	100%	Wed 10/29/08	Wed 10/29/08
419	EMS	<b>AREVA New Documents</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 9/25/08</b>
420	EMS	<b>CIM Importer DDNs</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 9/25/08</b>
421	EMS	<b>OAG DDN</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/13/08</b>
422	EMS	Submitted for Review	100%	Mon 6/2/08	Mon 6/2/08
423	EMS	ERCOT Approval	100%	Mon 6/2/08	Fri 6/13/08
424	EMS	<b>SCADA DDN</b>	<b>100%</b>	<b>Tue 7/8/08</b>	<b>Mon 8/11/08</b>
425	EMS	Submitted for Review	100%	Tue 7/8/08	Wed 7/9/08
426	EMS	ERCOT Comments	100%	Wed 7/9/08	Thu 7/10/08
427	EMS	AREVA to Resubmit	100%	Fri 7/11/08	Wed 7/16/08
428	EMS	ERCOT Approval	100%	Tue 8/5/08	Mon 8/11/08
429	EMS	<b>Network DDN</b>	<b>100%</b>	<b>Mon 7/7/08</b>	<b>Thu 9/4/08</b>
430	EMS	Submitted for Review	100%	Mon 7/7/08	Tue 7/8/08
431	EMS	ERCOT Comments	100%	Tue 7/8/08	Thu 7/10/08
432	EMS	AREVA to Resubmit	100%	Fri 7/11/08	Wed 7/23/08
433	EMS	ERCOT Approval	100%	Thu 7/24/08	Thu 9/4/08
434	EMS	<b>Generation DDN</b>	<b>100%</b>	<b>Tue 7/1/08</b>	<b>Thu 9/25/08</b>
435	EMS	Submitted for Review	100%	Tue 7/1/08	Wed 7/2/08
436	EMS	ERCOT Comments	100%	Wed 7/2/08	Fri 8/1/08
437	EMS	AREVA to Resubmit	100%	Wed 7/30/08	Wed 8/6/08
438	EMS	ERCOT Approval	100%	Fri 9/19/08	Thu 9/25/08
439	EMS	Habitat 5.7 Installation Notes	100%	Wed 7/9/08	Thu 7/10/08
440	EMS	Load Forecast (MTLF) - from zonal	100%	Fri 7/18/08	Mon 7/21/08
441	EMS	LFC Rqt Doc update	100%	Tue 7/22/08	Wed 7/23/08
442	EMS	<b>ERCOT Development</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/17/08</b>
443	EMS	FSS	100%	Mon 6/2/08	Wed 6/25/08
444	EMS	Study Server	100%	Tue 6/3/08	Wed 6/4/08
445	EMS	<b>Internal release 2 +</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
446	EMS	Dynamic Ratings Enhancements	100%	Mon 6/2/08	Mon 6/2/08
447	EMS	TCM Enhancements	100%	Mon 6/2/08	Mon 6/2/08
448	EMS	OS API in FOD	100%	Mon 6/2/08	Mon 6/2/08
449	EMS	COP API in FOD	100%	Mon 6/2/08	Mon 6/2/08
450	EMS	Interface patch 2	100%	Mon 6/2/08	Mon 6/2/08
451	<b>EMS</b>	<b>Internal release 3</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
452	EMS	Interface patch 3	100%	Mon 6/2/08	Mon 6/2/08
453	EMS	SPRs	100%	Mon 6/2/08	Mon 6/2/08
454	EMS	Interface release 4	100%	Tue 6/3/08	Mon 6/23/08
455	<b>EMS</b>	<b>Interface release 5</b>	<b>100%</b>	<b>Tue 6/24/08</b>	<b>Thu 8/28/08</b>
456	EMS	CDR 3C & EDW2	100%	Tue 6/24/08	Tue 7/22/08
457	EMS	Settlements & Billing SPRs	100%	Tue 6/24/08	Tue 7/22/08
458	EMS	Weather Interface SPRs	100%	Tue 6/24/08	Tue 7/22/08
459	<b>EMS</b>	<b>EMS-MMS Interface refactor</b>	<b>100%</b>	<b>Tue 6/24/08</b>	<b>Thu 8/28/08</b>
460	EMS	Re-design the interface (DDN)	100%	Tue 6/24/08	Mon 7/7/08
461	EMS	Revise DDN for MMS comments	100%	Mon 7/7/08	Fri 8/1/08
462	EMS	Deliver Revised DDN to MMS	100%	Fri 8/1/08	Fri 8/1/08
464	EMS	Total Regulation Report - corrected data present	100%	Mon 7/14/08	Mon 8/4/08
465	EMS	Implement the interface	100%	Thu 7/24/08	Thu 8/28/08
466	EMS	Alarm configuration Analysis	100%	Mon 6/2/08	Tue 6/24/08
467	EMS	Alarm Configuration implementation (FOD&GEN)	100%	Tue 6/3/08	Mon 6/30/08
468	<b>EMS</b>	<b>Notifications</b>	<b>100%</b>	<b>Thu 6/19/08</b>	<b>Tue 8/12/08</b>
469	EMS	Notification ERCOT	100%	Thu 6/19/08	Tue 8/12/08
470	EMS	Notificaton AREVA (RTGEN)	100%	Tue 7/8/08	Mon 8/4/08
471	<b>EMS</b>	<b>Control room wall board Implementation (C128)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/17/08</b>
472	EMS	Build internal proof concept'	100%	Mon 6/2/08	Wed 7/9/08
473	EMS	Evaluate eterra Vision & select	100%	Fri 8/15/08	Fri 9/5/08
474	<b>EMS</b>	<b>Wall Board Development</b>	<b>100%</b>	<b>Mon 9/8/08</b>	<b>Fri 10/17/08</b>
475	EMS	WB design Document	100%	Mon 9/8/08	Fri 9/26/08
476	EMS	EMS WB Doc Review	100%	Mon 9/29/08	Fri 10/17/08
477	EMS	Displays Updates	100%	Tue 8/5/08	Wed 10/1/08
478	EMS	EMS External Interface Document	100%	Tue 8/5/08	Tue 9/30/08
479	<b>EMS</b>	<b>NPRR tasks Board Approved</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
480	EMS	119 (1) Resource limit calculator	100%	Mon 6/2/08	Mon 6/2/08
481	<b>EMS</b>	<b>Equipment Setup</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 7/14/08</b>

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
482	EMS	VSAT/TSAT Dev & FAT	100%	Tue 6/24/08	Mon 7/14/08
483	EMS	Study Server (FAT)	100%	Mon 6/2/08	Thu 6/5/08
484	<b>EMS</b>	<b>SIG Related Rework</b>	<b>100%</b>	<b>Tue 10/7/08</b>	<b>Tue 10/7/08</b>
485	<b>EMS</b>	<b>EMS CIM Importer Refactor</b>	<b>100%</b>	<b>Tue 10/7/08</b>	<b>Tue 10/7/08</b>
486	EMS	Define Data Dictionary for 1.21	100%	Tue 10/7/08	Tue 10/7/08
487	<b>EMS</b>	<b>EMS Training Class Development &amp; Delivery</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/27/08</b>
488	EMS	Develop EMS Training Plan	100%	Mon 6/2/08	Wed 6/11/08
489	EMS	Approval of Training Plan (EMMS Dev / Support & Ops)	100%	Wed 6/11/08	Fri 6/27/08
490	<b>EMS</b>	<b>NPRR tasks Board Approved</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 9/15/08</b>
491	<b>EMS</b>	<b>No Impact To EMS</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 9/15/08</b>
492	EMS	NPRR 99 (4) RMR Incentive Factor Payment	100%	Mon 6/2/08	Mon 6/2/08
493	EMS	NPRR 101(4) Modify Time Requirements for Entry of Equipment in the Outage Scheduler	100%	Mon 6/2/08	Mon 6/2/08
494	EMS	NPRR 103 (4) Settlement of Power Imported via DC Ties (Back to Back Ties) & Block Load Transfer Under Emergency Co	100%	Mon 6/2/08	Mon 6/2/08
495	EMS	NPRR 105 (4) Section 23, Synchronization of Zonal Protocols	100%	Mon 6/2/08	Mon 6/2/08
496	EMS	NPRR 106 (4) Section 24, Synchronization of Zonal Protocols	100%	Mon 6/2/08	Mon 6/2/08
497	EMS	NPRR 107 (4) Emergency Interruptible Load Service	100%	Mon 6/2/08	Mon 6/2/08
498	EMS	NPRR 109 (4) Section 18, Synchronization of Zonal Protocols	100%	Mon 6/2/08	Mon 6/2/08
499	EMS	NPRR 110 (4) Section 20, Synchronization of Zonal Protocols	100%	Mon 6/2/08	Mon 6/2/08
500	EMS	NPRR 112(4) Emergency Base Point Price Revision	100%	Mon 6/2/08	Mon 6/2/08
501	EMS	NPRR 114 Section 11, Synch of zonal protocols	100%	Mon 9/15/08	Mon 9/15/08
502	EMS	NPRR 117 (4) Resource Registration Clarification	100%	Mon 6/2/08	Mon 6/2/08
503	EMS	NPRR 123(4) Inadvertent Energy Account Revision	100%	Mon 6/2/08	Mon 6/2/08
504	EMS	NPRR 127 Section 22 Attachment A, I, J & M	100%	Mon 9/15/08	Mon 9/15/08
505	EMS	NPRR 132 Outage clarification	100%	Mon 9/15/08	Mon 9/15/08
506	EMS	NPRR 133 Addition of PSSE format	100%	Mon 9/15/08	Mon 9/15/08
3	<b>Nodal IPS</b>	<b>MMS - Market Management Systems</b>	<b>65%</b>	<b>Sun 6/1/08</b>	<b>Fri 7/30/10</b>
1	<b>MMS</b>	<b>Nodal MMS Project Schedule</b>	<b>65%</b>	<b>Sun 6/1/08</b>	<b>Fri 7/30/10</b>
2	MMS	MMS Start	100%	Sun 6/1/08	Sun 6/1/08
3	<b>MMS</b>	<b>Dependencies</b>	<b>98%</b>	<b>Sun 6/1/08</b>	<b>Mon 2/23/09</b>
4	<b>MMS</b>	<b>Interfaces</b>	<b>95%</b>	<b>Fri 8/1/08</b>	<b>Mon 2/23/09</b>
5	<b>MMS</b>	<b>NMMS =&gt; MMS</b>	<b>0%</b>	<b>Thu 2/19/09</b>	<b>Thu 2/19/09</b>
6	MMS	MMS: NMMS => MMS network models & contingencies interface complete	0%	Thu 2/19/09	Thu 2/19/09
7	MMS	MMS: NMMS => MMS competitive constraints interface complete	0%	Thu 2/19/09	Thu 2/19/09
8	MMS	Deliver MMS: REG => MMS => OS interface complete to OS	0%	Fri 2/20/09	Fri 2/20/09
10	MMS	MMS: CRR => MMS interface complete	0%	Thu 2/19/09	Thu 2/19/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
11	MMS	MMS: FIP/FOP => MMS interface complete	0%	Fri 2/20/09	Fri 2/20/09
12	MMS	<b>S&amp;B =&gt; MMS</b>	0%	Fri 2/20/09	Fri 2/20/09
13	MMS	MMS: S&B => MMS interfaces complete (Verifiable Cost, RMR Contracts, Capacity Factor, Load Ratio Share)	0%	Fri 2/20/09	Fri 2/20/09
14	MMS	<b>CMM =&gt; MMS</b>	0%	Fri 2/20/09	Fri 2/20/09
15	MMS	MMS: CMM => MMS credit limits interface complete	0%	Fri 2/20/09	Fri 2/20/09
17	MMS	Receive MMS: OS=> MMS interface complete from OS	0%	Thu 2/19/09	Thu 2/19/09
18	MMS	<b>MMS =&gt; S&amp;B</b>	0%	Tue 1/13/09	Tue 1/13/09
19	MMS	Deliver MMS: MMS => S&B CMM , DAM, RT, & SASM interface Complete to COMS	0%	Tue 1/13/09	Tue 1/13/09
20	MMS	Deliver Verification of Staging Tables/Views & Data Population to CDR	100%	Tue 11/4/08	Tue 11/4/08
22	MMS	EDW:Verification of Constraint Name extract	0%	Fri 2/20/09	Mon 2/23/09
23	MMS	MMS: MMS => EDW interface complete	0%	Mon 2/23/09	Mon 2/23/09
24	MMS	MMS: MMS <=> EWS interface complete	0%	Thu 2/19/09	Thu 2/19/09
25	MMS	<b>EMS &lt;=&gt; MMS</b>	100%	Fri 8/1/08	Mon 10/6/08
27	MMS	Receive MMS: Received new mapping tables from EMS for EMS-MMS interface from EMS	100%	Fri 8/1/08	Fri 8/1/08
28	MMS	Deliver MMS: Review & approval of EMS-MMS interface document complete to CDR	100%	Fri 8/8/08	Fri 8/8/08
30	MMS	Internally developed (MMS portion) EMS<->MMS interface	100%	Mon 8/11/08	Thu 10/2/08
31	MMS	MMS: EIP developed EMS <=> MMS framework design complete	100%	Mon 10/6/08	Mon 10/6/08
32	MMS	<b>Operating Dependencies</b>	99%	Sun 6/1/08	Thu 1/8/09
33	MMS	<b>NMMS</b>	100%	Sun 6/1/08	Thu 1/8/09
34	MMS	Inetgrate through identification of data issues with CIM XML files (wrt corresponding schema)	100%	Mon 6/2/08	Tue 8/19/08
35	MMS	MMS: Identify MMS schema extension definitions complete (after baseline 1 & 2 requirements approved by TPTF)	100%	Sun 6/1/08	Sun 6/1/08
37	MMS	Receive MMS: Validated & Synchronized CIM XML Dataset Available from NMMS	100%	Thu 1/8/09	Thu 1/8/09
38	MMS	MMS: EMS<->MMS Interface complete (EMS CIM Importer Working w/ data)	100%	Thu 1/8/09	Thu 1/8/09
39	MMS	<b>INF</b>	0%	Thu 1/8/09	Thu 1/8/09
40	MMS	<b>MMS DEV</b>	0%	Thu 1/8/09	Thu 1/8/09
41	MMS	MMS: Additional CPUs for SFT parallel processing for MMS DEV delivered	0%	Thu 1/8/09	Thu 1/8/09
42	MMS	<b>MMS FAT</b>	0%	Thu 1/8/09	Thu 1/8/09
43	MMS	MMS: Additional CPUs for SFT parallel processing for MMS FAT delivered	0%	Thu 1/8/09	Thu 1/8/09
44	MMS	MMS: Additional CPUs for SFT parallel processing for ABB delivered	0%	Thu 1/8/09	Thu 1/8/09
45	MMS	<b>CMM</b>	100%	Sun 6/1/08	Sun 6/1/08
46	MMS	MMS: requirements for downstream info required from MMS -> CMM approved	100%	Sun 6/1/08	Sun 6/1/08
47	MMS	<b>S&amp;B</b>	100%	Sun 6/1/08	Mon 6/2/08
48	MMS	MMS: requirements for downstream info required from MMS -> S&B approved	100%	Sun 6/1/08	Sun 6/1/08
49	MMS	MMS: eTag & data agg requirements delivered by S&B	100%	Sun 6/1/08	Sun 6/1/08
50	MMS	Billing determinant development	100%	Mon 6/2/08	Mon 6/2/08

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
51	<b>MMS</b>	<b>OS</b>	<b>100%</b>	<b>Wed 10/29/08</b>	<b>Wed 10/29/08</b>
52	MMS	MMS: Validate that OS & MMS are on a common registration & equipment list complete	100%	Wed 10/29/08	Wed 10/29/08
53	<b>MMS</b>	<b>MMS4</b>	<b>81%</b>	<b>Mon 6/2/08</b>	<b>Mon 3/30/09</b>
54	<b>MMS</b>	<b>Creation/Validation of Staging Tables/Views &amp; Data Population</b>	<b>68%</b>	<b>Mon 6/2/08</b>	<b>Fri 2/20/09</b>
55	<b>MMS</b>	<b>CDR</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 11/4/08</b>
56	MMS	CDR:Staging tables/views defined	100%	Mon 6/2/08	Fri 6/6/08
57	MMS	CDR:Staging tables/views built	100%	Mon 6/9/08	Fri 6/20/08
58	MMS	CDR:Verification of Data	100%	Wed 10/29/08	Tue 11/4/08
59	<b>MMS</b>	<b>S&amp;B</b>	<b>59%</b>	<b>Mon 6/2/08</b>	<b>Fri 2/20/09</b>
60	MMS	SB:Staging tables/views defined	100%	Mon 6/2/08	Fri 6/6/08
61	MMS	SB:Staging tables/views built	100%	Mon 6/9/08	Fri 6/20/08
62	MMS	SB: Verification of Data	50%	Wed 10/29/08	Fri 2/20/09
63	<b>MMS</b>	<b>CMM</b>	<b>59%</b>	<b>Mon 6/2/08</b>	<b>Fri 2/20/09</b>
64	MMS	CMM:Staging tables/views defined	100%	Mon 6/2/08	Fri 6/6/08
65	MMS	CMM:Staging table/views built	100%	Mon 6/9/08	Fri 6/20/08
66	MMS	CMM: Verification of Data	50%	Wed 10/29/08	Fri 2/20/09
67	<b>MMS</b>	<b>NMMS</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/29/08</b>
68	MMS	NMMS:Transport defined	100%	Mon 6/2/08	Fri 6/6/08
69	MMS	NMMS:Transport built	100%	Mon 6/9/08	Fri 6/20/08
70	MMS	NMMS:Verification of Data	100%	Wed 10/29/08	Wed 10/29/08
71	<b>MMS</b>	<b>Registration:Verification of adapter</b>	<b>59%</b>	<b>Mon 6/2/08</b>	<b>Fri 2/20/09</b>
72	MMS	REG:Staging tables/views defined	100%	Mon 6/2/08	Fri 6/6/08
73	MMS	REG:Staging tables/views built	100%	Mon 6/9/08	Fri 6/20/08
74	MMS	REG:Verification of Registration Data	50%	Wed 10/29/08	Fri 2/20/09
75	<b>MMS</b>	<b>CRR</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/29/08</b>
76	MMS	CRR:Staging tables/views defined	100%	Mon 6/2/08	Fri 6/6/08
77	MMS	CRR:Staging tables/views built	100%	Mon 6/9/08	Fri 6/20/08
78	MMS	CRR:Verification of Adapter	100%	Wed 10/29/08	Wed 10/29/08
79	<b>MMS</b>	<b>PLATTS (FIP/FOP)</b>	<b>59%</b>	<b>Mon 6/2/08</b>	<b>Fri 2/20/09</b>
80	MMS	PLTS:Staging tables/views defined	100%	Mon 6/2/08	Fri 6/6/08
81	MMS	PLTS:Staging tables/views built	100%	Mon 6/9/08	Fri 6/20/08
82	MMS	PLTS:Verification of Adapter	50%	Wed 10/29/08	Fri 2/20/09
83	<b>MMS</b>	<b>EMS</b>	<b>59%</b>	<b>Mon 6/2/08</b>	<b>Fri 2/20/09</b>
84	MMS	EMS:views defined	100%	Mon 6/2/08	Fri 6/6/08
85	MMS	EMS:views built	100%	Mon 6/9/08	Fri 6/20/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
86	MMS	EMS:Verification of Views	50%	Wed 10/29/08	Fri 2/20/09
87	MMS	Verification of Views for EMS	0%	Fri 2/20/09	Fri 2/20/09
88	MMS	<b>EDW</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/1/08</b>
89	MMS	EDW:Staging tables/views defined	100%	Mon 6/2/08	Fri 6/6/08
90	MMS	EDW:Staging tables/views built (Replication)	100%	Mon 6/9/08	Fri 6/20/08
91	MMS	EDW:Verification of Data (Replication)	100%	Tue 9/30/08	Wed 10/1/08
92	MMS	Deliver RSS Source to EDW	100%	Wed 10/1/08	Wed 10/1/08
94	MMS	<b>EWS</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 12/12/08</b>
95	MMS	EWS:Staging tables/views defined	100%	Mon 6/2/08	Fri 6/6/08
96	MMS	EWS:Staging tables/views built	100%	Mon 6/9/08	Fri 6/20/08
97	MMS	EWS:Verification of Data	100%	Wed 10/29/08	Fri 12/12/08
98	MMS	<b>MMS ERCOT Internal Development</b>	<b>88%</b>	<b>Mon 6/2/08</b>	<b>Mon 3/30/09</b>
99	MMS	Complete eTag development & testing	100%	Mon 6/2/08	Mon 11/10/08
100	MMS	FIP/FOP Readiness	100%	Tue 6/24/08	Fri 8/8/08
101	MMS	Change the Package TABCLN_PKG to improve the purge process	100%	Tue 6/24/08	Tue 9/30/08
102	MMS	Logging information into a table during Purge process	100%	Tue 6/24/08	Tue 9/30/08
103	MMS	Add new tables to CM_TABLE_CLEANUP_CONFIG table	100%	Tue 6/24/08	Tue 9/30/08
104	MMS	Review & creating new indexes on all the tables in MIDB, MAINF & other schemas	100%	Tue 6/24/08	Wed 11/5/08
105	MMS	Individual accounts (This is based on the Certificate & we need to test)	100%	Wed 10/1/08	Wed 10/8/08
106	MMS	(N4b): SASM AS Plan UI ( This is now under ERCOT internal activity)	100%	Wed 10/1/08	Wed 10/8/08
107	MMS	(N 9.11) Proxy data substitution & DST	25%	Mon 11/3/08	Fri 2/20/09
108	MMS	(N9.5) UI profile customization	100%	Wed 10/1/08	Mon 10/6/08
109	MMS	(N29) MMS production database replication -- As per ABB, this require some platform changes. We will look for options to s	100%	Tue 6/24/08	Tue 10/7/08
110	MMS	Review & make changes to the following packages	100%	Tue 6/24/08	Mon 1/12/09
111	MMS	Partitioning of MIDB tables (large tables).	100%	Tue 6/24/08	Fri 12/12/08
112	MMS	Review the Outage Scheduler Schema	100%	Tue 6/24/08	Tue 10/7/08
113	MMS	MMS/OS Alarms to EMS	10%	Mon 11/17/08	Mon 3/30/09
114	MMS	<b>MMS4 Patch #2</b>	<b>100%</b>	<b>Mon 6/23/08</b>	<b>Tue 8/12/08</b>
115	MMS	<b>ABB</b>	<b>100%</b>	<b>Mon 6/23/08</b>	<b>Mon 6/23/08</b>
116	MMS	MMS4 Patch 2 delivered by ABB	100%	Mon 6/23/08	Mon 6/23/08
117	MMS	<b>ERCOT</b>	<b>100%</b>	<b>Tue 6/24/08</b>	<b>Tue 8/12/08</b>
118	MMS	MMS4_P2:Creation of test procedures for Patch #2	100%	Tue 6/24/08	Tue 7/1/08
119	MMS	MMS4_P2:MMS DEV build & test	100%	Tue 6/24/08	Mon 7/14/08
120	MMS	MMS4_P2:MMCR creation/submission	100%	Tue 7/8/08	Mon 7/14/08
121	MMS	MMS4_P2:MMS FAT build & test	100%	Tue 7/15/08	Mon 8/11/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
122	MMS	MMS4_P2:Sink/Source interface confirmation & test	100%	Tue 7/29/08	Mon 8/11/08
123	MMS	Deliver MMS4 Patch 2 to iTEST	100%	Mon 8/11/08	Mon 8/11/08
126	MMS	MMS4_P2 iTest Support Identification	100%	Tue 8/12/08	Tue 8/12/08
127	MMS	MMS4 Patch 2 complete	100%	Mon 8/11/08	Mon 8/11/08
128	MMS	<b>MMS4 Patch #3</b>	<b>100%</b>	<b>Mon 7/28/08</b>	<b>Tue 9/30/08</b>
129	MMS	<b>ABB</b>	<b>100%</b>	<b>Mon 7/28/08</b>	<b>Mon 7/28/08</b>
130	MMS	MMS4 Patch 3 delivered by ABB	100%	Mon 7/28/08	Mon 7/28/08
131	MMS	<b>ERCOT</b>	<b>100%</b>	<b>Tue 7/29/08</b>	<b>Tue 9/30/08</b>
132	MMS	MMS4_P3:Creation of test procedures for Patch #3	100%	Tue 7/29/08	Mon 8/18/08
133	MMS	MMS4_P3:Analyze & communicate changes from previos release	100%	Mon 8/11/08	Fri 8/15/08
134	MMS	MMS4_P3:MMS DEV build & test	100%	Tue 7/29/08	Mon 8/18/08
135	MMS	MMS4_P3:MMCR creation/submission	100%	Thu 8/14/08	Mon 8/18/08
136	MMS	MMS4_P3:MMS FAT build & test	100%	Tue 8/19/08	Mon 9/29/08
137	MMS	MMS_P3:Sink/Source interface confirmation & test	100%	Wed 9/3/08	Mon 9/29/08
138	MMS	Deliver MMS4 Patch 3 to iTEST	100%	Mon 9/29/08	Mon 9/29/08
140	MMS	MMS4_P3 iTest Support Identification	100%	Tue 9/30/08	Tue 9/30/08
141	MMS	MMS4 Patch 3 complete	100%	Tue 9/30/08	Tue 9/30/08
142	MMS	<b>MMS4 Patch #4</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Wed 10/29/08</b>
143	MMS	<b>ABB</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Tue 9/2/08</b>
144	MMS	MMS4 Patch 4 delivered by ABB	100%	Tue 9/2/08	Tue 9/2/08
145	MMS	<b>ERCOT</b>	<b>100%</b>	<b>Wed 9/3/08</b>	<b>Wed 10/29/08</b>
146	MMS	MMS4_P4:Creation of test procedures for Patch #4	100%	Wed 9/3/08	Tue 9/30/08
147	MMS	MMS4_P4:Analyze & communicate changes from previous release	100%	Wed 9/3/08	Tue 9/30/08
148	MMS	Deliver Changes from Previous Release - MMS4_P4 to EIP	100%	Tue 9/30/08	Tue 9/30/08
150	MMS	MMS4_P4:MMS DEV build & test	100%	Wed 9/3/08	Tue 9/30/08
151	MMS	MMS4_P4:MMCR creation/submission	100%	Wed 9/24/08	Tue 9/30/08
152	MMS	MMS4_P4:MMS FAT build & test	100%	Wed 10/1/08	Tue 10/28/08
153	MMS	MMS_P4:Sink/Source interface confirmation & test	100%	Wed 10/15/08	Tue 10/28/08
154	MMS	Deliver MMS4 Patch 4 to iTEST	100%	Tue 10/28/08	Tue 10/28/08
156	MMS	MMS4_P4 iTest Support Identification	100%	Wed 10/29/08	Wed 10/29/08
157	MMS	MMS4 Patch 4 complete	100%	Tue 10/28/08	Tue 10/28/08
158	MMS	<b>MMS4 Patch #5</b>	<b>100%</b>	<b>Tue 9/30/08</b>	<b>Tue 11/25/08</b>
159	MMS	<b>ABB</b>	<b>100%</b>	<b>Tue 9/30/08</b>	<b>Tue 9/30/08</b>
160	MMS	MMS4 Patch 5 delivered by ABB	100%	Tue 9/30/08	Tue 9/30/08
161	MMS	<b>ERCOT</b>	<b>100%</b>	<b>Wed 10/1/08</b>	<b>Tue 11/25/08</b>

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
162	MMS	MMS4_P5:Creation of test procedures for Patch #4	100%	Wed 10/1/08	Mon 10/13/08
163	MMS	MMS4_P5:Analyze & communicate changes from previous release	100%	Wed 10/1/08	Mon 10/13/08
164	MMS	Deliver Changes from Previous Release - MMS4_P5 to EIP	100%	Mon 10/13/08	Mon 10/13/08
166	MMS	MMS4_P5:MMS DEV build & test	100%	Wed 10/1/08	Wed 10/22/08
167	MMS	Deliver MMS4_P5:MMS DEV Build & Test to EDW & MPIM	100%	Wed 10/22/08	Wed 10/22/08
170	MMS	MMS4_P5:MMCR creation/submission	100%	Thu 10/16/08	Wed 10/22/08
171	MMS	MMS4_P5:MMS FAT build & test	100%	Wed 11/5/08	Tue 11/25/08
172	MMS	MMS_P5:Sink/Source interface confirmation & test	100%	Mon 11/17/08	Tue 11/25/08
173	MMS	Deliver MMS4 Patch 5 to iTEST	100%	Tue 11/25/08	Tue 11/25/08
175	MMS	MMS4_P5:Add all MMS "code" to CVS	100%	Thu 10/23/08	Thu 10/30/08
176	MMS	MMS4_P5 iTest Support Identification	100%	Tue 11/25/08	Tue 11/25/08
177	MMS	MMS4 Patch 5 complete	100%	Tue 11/25/08	Tue 11/25/08
179	MMS	<b>MMS4 Patch #6</b>	<b>100%</b>	<b>Fri 11/21/08</b>	<b>Tue 1/13/09</b>
180	MMS	<b>ABB</b>	<b>100%</b>	<b>Fri 11/21/08</b>	<b>Fri 11/21/08</b>
181	MMS	MMS4 Patch 6 delivered by ABB	100%	Fri 11/21/08	Fri 11/21/08
182	MMS	<b>ERCOT</b>	<b>100%</b>	<b>Mon 11/24/08</b>	<b>Tue 1/13/09</b>
183	MMS	MMS4_P6:Creation of test procedures for Patch #6	100%	Mon 11/24/08	Fri 12/5/08
184	MMS	MMS4_P6:Analyze & communicate changes from previous release	100%	Mon 11/24/08	Fri 12/5/08
186	MMS	MMS4_P6:MMS DEV build & test	100%	Mon 11/24/08	Mon 12/1/08
187	MMS	MMS4_P6:MMCR creation/submission	100%	Mon 11/24/08	Tue 12/2/08
188	MMS	MMS4_P6:MMS FAT build & test	100%	Thu 12/11/08	Fri 1/9/09
189	MMS	<b>MMS4_P6: Sink/Source Interface Confirmed</b>	<b>100%</b>	<b>Thu 1/8/09</b>	<b>Tue 1/13/09</b>
190	MMS	MMS4_P6: NMMS Verified	100%	Thu 1/8/09	Tue 1/13/09
191	MMS	MMS4_P6: S&B to/from Verified	100%	Thu 1/8/09	Tue 1/13/09
192	MMS	MMS4_P6: OS Verified	100%	Thu 1/8/09	Tue 1/13/09
193	MMS	MMS4_P6: CRR Verified	100%	Thu 1/8/09	Tue 1/13/09
194	MMS	MMS4_P6: Registration Verified	100%	Thu 1/8/09	Tue 1/13/09
195	MMS	MMS4_P6: PLATTS (FIP/FOP) Verified	100%	Thu 1/8/09	Tue 1/13/09
196	MMS	MMS4_P6: EDW Verified	100%	Thu 1/8/09	Tue 1/13/09
197	MMS	MMS4_P6: EMS Verified	100%	Thu 1/8/09	Tue 1/13/09
198	MMS	MMS4_P6: CDR Verified	100%	Thu 1/8/09	Tue 1/13/09
199	MMS	MMS4_P6: CMM Verified	100%	Thu 1/8/09	Tue 1/13/09
200	MMS	Deliver MMS4 Patch 6 to iTEST	100%	Tue 1/13/09	Tue 1/13/09
202	MMS	MMS4 Patch 6 complete	100%	Tue 1/13/09	Tue 1/13/09
203	MMS	<b>MMS4 Patch #7</b>	<b>0%</b>	<b>Fri 1/23/09</b>	<b>Thu 2/19/09</b>

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
204	<b>MMS</b>	<b>ABB</b>	<b>0%</b>	<b>Fri 1/23/09</b>	<b>Fri 1/23/09</b>
205	MMS	MMS4 Patch 7 delivered by ABB	0%	Fri 1/23/09	Fri 1/23/09
206	<b>MMS</b>	<b>ERCOT</b>	<b>0%</b>	<b>Fri 1/23/09</b>	<b>Thu 2/19/09</b>
207	MMS	MMS4_P7:Creation of test procedures for Patch #7	0%	Fri 1/23/09	Thu 1/29/09
208	MMS	MMS4_P7:Analyze & communicate changes from previous release	0%	Fri 1/23/09	Thu 1/29/09
210	MMS	MMS4_P7:MMS DEV build & test	0%	Fri 1/23/09	Thu 1/29/09
211	MMS	MMS4_P7:MMCR creation/submission	0%	Fri 1/23/09	Thu 1/29/09
212	MMS	MMS4_P7:MMS FAT build & test	0%	Fri 1/30/09	Thu 2/19/09
213	<b>MMS</b>	<b>MMS4_P7: Sink/Source Interface Confirmed</b>	<b>0%</b>	<b>Fri 2/13/09</b>	<b>Thu 2/19/09</b>
214	MMS	MMS4_P7: NMMS Verified	0%	Fri 2/13/09	Thu 2/19/09
215	MMS	MMS4_P7: S&B to/from Verified	0%	Fri 2/13/09	Thu 2/19/09
216	MMS	MMS4_P7: OS Verified	0%	Fri 2/13/09	Thu 2/19/09
217	MMS	MMS4_P7: CRR Verified	0%	Fri 2/13/09	Thu 2/19/09
218	MMS	MMS4_P7: Registration Verified	0%	Fri 2/13/09	Thu 2/19/09
219	MMS	MMS4_P7: PLATTS (FIP/FOP) Verified	0%	Fri 2/13/09	Thu 2/19/09
220	MMS	MMS4_P7: EDW Verified	0%	Fri 2/13/09	Thu 2/19/09
221	MMS	MMS4_P7: EMS Verified	0%	Fri 2/13/09	Thu 2/19/09
222	MMS	MMS4_P7: CDR Verified	0%	Fri 2/13/09	Thu 2/19/09
223	MMS	MMS4_P7: CMM Verified	0%	Fri 2/13/09	Thu 2/19/09
224	MMS	Deliver MMS4 Patch 7 to iTEST	0%	Thu 2/19/09	Thu 2/19/09
226	MMS	Deliver MMS4 Patch 7 to EDW	0%	Thu 2/19/09	Thu 2/19/09
228	MMS	MMS4 Patch 7 complete	0%	Thu 2/19/09	Thu 2/19/09
229	MMS	MMS4 complete	0%	Thu 2/19/09	Thu 2/19/09
230	<b>MMS</b>	<b>MMS5</b>	<b>2%</b>	<b>Fri 1/9/09</b>	<b>Mon 8/24/09</b>
231	<b>MMS</b>	<b>ABB</b>	<b>6%</b>	<b>Fri 1/9/09</b>	<b>Wed 4/15/09</b>
232	MMS	MMS5: MMS Development based on Validated & Synced CIM Schema & CIM XML File	10%	Fri 1/9/09	Tue 3/10/09
233	MMS	MMS5:pre-FAT	0%	Wed 3/11/09	Wed 4/8/09
234	MMS	MMS5:Release Preparation	0%	Thu 4/9/09	Wed 4/15/09
235	MMS	Deliver MMS5:Release to COMS	0%	Wed 4/15/09	Wed 4/15/09
237	<b>MMS</b>	<b>ERCOT</b>	<b>0%</b>	<b>Fri 3/6/09</b>	<b>Mon 8/24/09</b>
238	MMS	MMS5:Develop E2E testing scenarios	0%	Thu 4/16/09	Wed 5/6/09
239	MMS	MMS5:Analyze & communicate changes from previous release	0%	Thu 4/16/09	Wed 5/6/09
240	MMS	Deliver MMS5 Assessment of Changes to EIP	0%	Wed 5/6/09	Wed 5/6/09
243	MMS	Receive V1.21 Validated Data Set from NMMS	0%	Fri 3/6/09	Fri 3/6/09
244	MMS	MMS5: MMS install in DEV & smoke test	0%	Thu 4/16/09	Wed 5/6/09

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## ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
245	MMS	MMS5:Write Migration Control Document	0%	Thu 4/16/09	Wed 5/6/09
246	MMS	MMS5: Sink/Source interface confirmation & test	0%	Thu 5/21/09	Thu 6/4/09
247	MMS	MMS5:MMS install in FAT & smoke test	0%	Thu 5/7/09	Thu 5/28/09
248	MMS	Deliver MMS5: Installation in FAT & Smoke Test Complete to EDW	0%	Thu 5/28/09	Thu 5/28/09
252	MMS	MMS5:FAT (Prelim for INT start)	0%	Fri 5/29/09	Fri 7/10/09
253	MMS	Deliver MMS5: Preliminary Release to iTEST	0%	Fri 7/10/09	Fri 7/10/09
254	MMS	MMS5 Prelim iTest Support Identification	0%	Mon 7/13/09	Mon 7/13/09
256	MMS	MMS5: FAT (Final for INT Start)	0%	Tue 7/14/09	Mon 8/24/09
257	MMS	MMS5 "Final" iTest Support Identification	0%	Mon 8/24/09	Mon 8/24/09
258	MMS	Deliver MMS5: Completed Final FAT to iTEST	0%	Mon 8/24/09	Mon 8/24/09
260	<b>MMS</b>	<b>FAT Correction</b>	<b>0%</b>	<b>Wed 5/27/09</b>	<b>Tue 7/28/09</b>
261	<b>MMS</b>	<b>MMS5 Patch #1</b>	<b>0%</b>	<b>Wed 5/27/09</b>	<b>Tue 6/16/09</b>
262	<b>MMS</b>	<b>ABB</b>	<b>0%</b>	<b>Wed 5/27/09</b>	<b>Wed 5/27/09</b>
263	MMS	MMS5 Patch 1 Delivered by ABB	0%	Wed 5/27/09	Wed 5/27/09
264	<b>MMS</b>	<b>ERCOT</b>	<b>0%</b>	<b>Thu 5/28/09</b>	<b>Tue 6/16/09</b>
265	MMS	MMS5_P1:Analyze & communicate changes from previous release	0%	Thu 5/28/09	Wed 6/3/09
266	MMS	MMS5_P1:Patch load in development	0%	Thu 5/28/09	Tue 6/2/09
267	MMS	MMS5_P1:Development smoke test	0%	Wed 6/3/09	Fri 6/5/09
268	MMS	MMS5_P1:MMCR creation & submission	0%	Wed 6/3/09	Fri 6/5/09
269	MMS	MMS5 Patch 1 Released to FAT	0%	Fri 6/5/09	Fri 6/5/09
270	MMS	MMS5_P1: Patch Installation & Smoke Test	0%	Mon 6/8/09	Tue 6/16/09
271	<b>MMS</b>	<b>MMS5 Patch #2</b>	<b>0%</b>	<b>Wed 7/8/09</b>	<b>Tue 7/28/09</b>
272	<b>MMS</b>	<b>ABB</b>	<b>0%</b>	<b>Wed 7/8/09</b>	<b>Wed 7/8/09</b>
273	MMS	MMS5 Patch 2 Delivered by ABB	0%	Wed 7/8/09	Wed 7/8/09
274	<b>MMS</b>	<b>ERCOT</b>	<b>0%</b>	<b>Thu 7/9/09</b>	<b>Tue 7/28/09</b>
275	MMS	MMS5_P2:Analyze & Communicate changes from previous release	0%	Thu 7/9/09	Wed 7/15/09
276	MMS	MMS5_P2:Patch load in development	0%	Thu 7/9/09	Tue 7/14/09
277	MMS	MMS5_P2:Development smoke test	0%	Wed 7/15/09	Fri 7/17/09
278	MMS	MMS5_P2:MMCR creation & submission	0%	Wed 7/15/09	Fri 7/17/09
279	MMS	MMS5 Patch 2 released to FAT	0%	Fri 7/17/09	Fri 7/17/09
280	MMS	MMS5_P2: Patch Installation & Smoke Test	0%	Mon 7/20/09	Tue 7/28/09
281	MMS	MMS5 complete	0%	Mon 8/24/09	Mon 8/24/09
282	<b>MMS</b>	<b>Maintenance and Support</b>	<b>4%</b>	<b>Fri 1/9/09</b>	<b>Fri 7/30/10</b>
283	<b>MMS</b>	<b>EMS-MMS Interface</b>	<b>17%</b>	<b>Fri 1/9/09</b>	<b>Fri 3/27/09</b>
285	MMS	Receive EMS Resources for MMS to EMS Testing from EMS	0%	Wed 2/4/09	Wed 2/4/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
286	MMS	EMS-MMS Interface Development & Testing	30%	Fri 1/9/09	Fri 2/20/09
287	MMS	Deliver Completed EMS-MMS Interface development & Testing to iTEST & EMS	0%	Fri 2/20/09	Fri 2/20/09
290	MMS	MMS Interface Development & Unit Testing in DEV Environments	0%	Mon 2/23/09	Fri 2/27/09
291	MMS	EMS & MMS Inter-Project Interfacing Testing in DEV Environments	0%	Mon 3/2/09	Fri 3/13/09
292	MMS	OS 2.1 Project Testing with EMS & MMS	0%	Mon 3/16/09	Tue 3/24/09
293	MMS	Create MMCR for EMS-MMS interface updates to iTEST	0%	Wed 3/25/09	Fri 3/27/09
294	MMS	Delever MMCR for EMS-MMS interface to iTest	0%	Fri 3/27/09	Fri 3/27/09
296	MMS	<b>Phase 2 Validation of NMMS</b>	<b>0%</b>	<b>Tue 8/25/09</b>	<b>Mon 10/12/09</b>
297	MMS	Perform & Resolve Issues	0%	Tue 8/25/09	Thu 10/8/09
298	MMS	Prepare Report	0%	Fri 10/9/09	Mon 10/12/09
300	MMS	Deliver Data Consistency Stage 2 Validation Completed to iTEST	0%	Mon 10/12/09	Mon 10/12/09
302	MMS	<b>Post-MMS5 / Pre-168 hr test</b>	<b>0%</b>	<b>Fri 8/28/09</b>	<b>Fri 7/30/10</b>
303	MMS	MMS5_Final_P3 (Defect Patch) - 9/1/009	0%	Fri 8/28/09	Fri 10/2/09
304	MMS	MMS5_final_P4 (Defect Patch) - 11/2/09	0%	Mon 11/2/09	Tue 12/8/09
305	MMS	MMS5_final_P5 (Defect Patch) - 1/4/10	0%	Mon 1/4/10	Fri 1/29/10
306	MMS	MMS5_final_P6 (Defect Patch) - 3/1/10	0%	Mon 3/1/10	Fri 3/26/10
307	MMS	MMS5_final_P7 (Defect Patch) - 5/3/10	0%	Mon 5/3/10	Mon 5/31/10
308	MMS	MMS5_final_P8 (Defect Patch) - 7/5/10	0%	Mon 7/5/10	Fri 7/30/10
309	MMS	<b>Documentaion, Mgt, Transition</b>	<b>40%</b>	<b>Sun 6/1/08</b>	<b>Thu 8/27/09</b>
310	MMS	<b>MPIM</b>	<b>0%</b>	<b>Mon 7/13/09</b>	<b>Mon 7/20/09</b>
311	MMS	Configure Application for "production" (Data corrections, test data removed, test users removed, etc.)	0%	Mon 7/13/09	Tue 7/14/09
312	MMS	Link/portlet available on MIS	0%	Mon 7/13/09	Mon 7/13/09
313	MMS	Site Minder configured to allow access	0%	Tue 7/14/09	Tue 7/14/09
314	MMS	Application pointed to production LDAP or Stage Table	0%	Tue 7/14/09	Tue 7/14/09
315	MMS	Production Verification	0%	Tue 7/14/09	Mon 7/20/09
316	MMS	List of Users & roles bulk loaded into MPIM	0%	Tue 7/14/09	Tue 7/14/09
317	MMS	Deliver Go-Live Activities to MPIM	0%	Mon 7/20/09	Mon 7/20/09
318	MMS	<b>ERT</b>	<b>28%</b>	<b>Mon 6/2/08</b>	<b>Thu 8/27/09</b>
319	MMS	Process modeling	100%	Mon 6/2/08	Fri 6/27/08
320	MMS	Support to other groups wrt other MMS ERT activities	0%	Thu 4/16/09	Wed 5/6/09
321	MMS	Training - quick reference guide development & deployment	0%	Thu 4/16/09	Wed 5/6/09
322	MMS	Training - work with ABB to "design" & schedule	0%	Thu 4/16/09	Wed 4/29/09
323	MMS	<b>Training Delivery</b>	<b>0%</b>	<b>Tue 8/25/09</b>	<b>Thu 8/27/09</b>
324	MMS	APP support training	0%	Tue 8/25/09	Thu 8/27/09
325	MMS	User Session 1	0%	Tue 8/25/09	Thu 8/27/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
326	MMS	User Session 2	0%	Tue 8/25/09	Thu 8/27/09
327	MMS	Lite Session 1	0%	Tue 8/25/09	Tue 8/25/09
328	MMS	Lite Session 2	0%	Tue 8/25/09	Tue 8/25/09
329	MMS	MER/Market Training	0%	Mon 8/24/09	Mon 8/24/09
330	<b>MMS</b>	<b>ARTIFACTS</b>	<b>93%</b>	<b>Sun 6/1/08</b>	<b>Mon 4/20/09</b>
331	<b>MMS</b>	<b>Requirements documents</b>	<b>100%</b>	<b>Sun 6/1/08</b>	<b>Sun 6/1/08</b>
332	<b>MMS</b>	<b>Overall</b>	<b>100%</b>	<b>Sun 6/1/08</b>	<b>Sun 6/1/08</b>
333	MMS	Overall Baseline 0	100%	Sun 6/1/08	Sun 6/1/08
334	MMS	Overall Baseline 1 & 2	100%	Sun 6/1/08	Sun 6/1/08
335	<b>MMS</b>	<b>SCED</b>	<b>100%</b>	<b>Sun 6/1/08</b>	<b>Sun 6/1/08</b>
336	MMS	SCED Baseline 0	100%	Sun 6/1/08	Sun 6/1/08
337	MMS	SCED Baseline 1 & 2	100%	Sun 6/1/08	Sun 6/1/08
338	<b>MMS</b>	<b>DAM</b>	<b>100%</b>	<b>Sun 6/1/08</b>	<b>Sun 6/1/08</b>
339	MMS	DAM Baseline 0	100%	Sun 6/1/08	Sun 6/1/08
340	MMS	DAM Baseline 1 & 2	100%	Sun 6/1/08	Sun 6/1/08
341	<b>MMS</b>	<b>RUC</b>	<b>100%</b>	<b>Sun 6/1/08</b>	<b>Sun 6/1/08</b>
342	MMS	RUC Baseline 0	100%	Sun 6/1/08	Sun 6/1/08
343	MMS	RUC Baseline 1 & 2	100%	Sun 6/1/08	Sun 6/1/08
344	<b>MMS</b>	<b>CCT</b>	<b>100%</b>	<b>Sun 6/1/08</b>	<b>Sun 6/1/08</b>
345	MMS	CCT Baseline 0	100%	Sun 6/1/08	Sun 6/1/08
346	MMS	CCT Baseline 1 & 2	100%	Sun 6/1/08	Sun 6/1/08
347	<b>MMS</b>	<b>CSD</b>	<b>100%</b>	<b>Sun 6/1/08</b>	<b>Sun 6/1/08</b>
348	MMS	CSD Baseline 0	100%	Sun 6/1/08	Sun 6/1/08
349	MMS	CSDBaseline 1& 2	100%	Sun 6/1/08	Sun 6/1/08
350	<b>MMS</b>	<b>Use Cases</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
351	<b>MMS</b>	<b>MI</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
352	MMS	Baseline 0	100%	Mon 6/2/08	Mon 6/2/08
353	MMS	Baseline 1 & 2	100%	Mon 6/2/08	Mon 6/2/08
354	<b>MMS</b>	<b>MA</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
355	MMS	Baseline 0	100%	Mon 6/2/08	Mon 6/2/08
356	MMS	Baseline 1& 2	100%	Mon 6/2/08	Mon 6/2/08
357	<b>MMS</b>	<b>Test plans, cases &amp; scripts</b>	<b>89%</b>	<b>Sun 6/1/08</b>	<b>Wed 3/11/09</b>
358	MMS	MMS1 (accelerated SCED)	100%	Sun 6/1/08	Mon 6/2/08
359	MMS	MMS2	100%	Sun 6/1/08	Mon 6/2/08
360	MMS	MMS3	100%	Sun 6/1/08	Mon 6/2/08

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
361	MMS	MMS4	100%	Sun 6/1/08	Mon 6/2/08
362	MMS	MMS5:Test Plans, Cases, & Scripts	0%	Wed 3/11/09	Wed 3/11/09
363	<b>MMS</b>	<b>Design / functional specs</b>	<b>15%</b>	<b>Mon 6/2/08</b>	<b>Mon 4/20/09</b>
364	MMS	MMS1 (accelerated SCED)	100%	Mon 6/2/08	Mon 6/2/08
365	MMS	MMS2	100%	Mon 6/2/08	Mon 6/2/08
366	MMS	MMS3	100%	Mon 6/2/08	Mon 6/2/08
367	MMS	MMS4	100%	Mon 6/2/08	Mon 6/2/08
368	MMS	MMS5	100%	Mon 6/2/08	Mon 6/2/08
369	MMS	System Monitoring	0%	Wed 3/11/09	Mon 4/20/09
370	<b>MMS</b>	<b>Process &amp; Procedures</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 11/11/08</b>
371	<b>MMS</b>	<b>Operating</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 11/11/08</b>
372	<b>MMS</b>	<b>Day-Ahead Market (DAM)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 10/13/08</b>
373	MMS	DAM:Create Process Map	100%	Mon 6/2/08	Tue 6/17/08
374	MMS	DAM:Create OP document "draft"	100%	Mon 6/30/08	Fri 8/1/08
375	MMS	DAM:SME Review OP document	100%	Mon 8/4/08	Fri 8/8/08
376	MMS	DAM:Present OP to TPTF	100%	Mon 8/11/08	Mon 8/11/08
377	MMS	DAM:Revise & Review OP document	100%	Mon 9/8/08	Mon 10/13/08
378	MMS	DAM:"Finalize" OP document	100%	Mon 10/13/08	Mon 10/13/08
379	<b>MMS</b>	<b>Reliability Unit Commitment (RUC)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 11/10/08</b>
380	MMS	Ruc:Create Process Map	100%	Mon 6/2/08	Tue 6/17/08
381	MMS	RUC:Create OP document "draft"	100%	Mon 6/30/08	Tue 8/19/08
382	MMS	RUC:SME Review OP document	100%	Wed 8/20/08	Tue 8/26/08
383	MMS	RUC:Present OP to TPTF	100%	Wed 8/27/08	Wed 8/27/08
384	MMS	RUC:Revise & Review OP document	100%	Mon 9/15/08	Mon 11/10/08
385	MMS	RUC:"Finalize" OP document	100%	Mon 11/10/08	Mon 11/10/08
386	<b>MMS</b>	<b>Real-Time Market (RTM)</b>	<b>100%</b>	<b>Mon 6/30/08</b>	<b>Tue 11/11/08</b>
387	MMS	RTM:Create Process Map	100%	Tue 9/9/08	Wed 9/24/08
388	MMS	RTM:Create OP document "draft"	100%	Mon 6/30/08	Thu 10/2/08
389	MMS	RTM:SME Review OP document	100%	Wed 9/17/08	Tue 9/23/08
390	MMS	RTM:Present OP to TPTF	100%	Mon 11/10/08	Mon 11/10/08
391	MMS	RTM:Revise & Review OP document	100%	Tue 11/11/08	Tue 11/11/08
392	MMS	RTM:"Finalize" OP document	100%	Tue 11/11/08	Tue 11/11/08
393	<b>MMS</b>	<b>Adjustment Period (ADJ)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 11/10/08</b>
394	MMS	ADJ:Create Process Map	100%	Mon 6/2/08	Tue 9/9/08
395	MMS	ADJ:Create OP document "draft"	100%	Mon 6/30/08	Tue 9/9/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
396	MMS	ADJ:SME Review OP document	100%	Wed 9/10/08	Mon 9/22/08
397	MMS	ADJ:Present OP to TPTF	100%	Mon 9/22/08	Mon 9/22/08
398	MMS	ADJ:Revise & Review OP document	100%	Tue 9/23/08	Mon 11/10/08
399	MMS	ADJ:"Finalize" OP document	100%	Mon 11/10/08	Mon 11/10/08
400	MMS	Operating procedure complete	100%	Tue 11/11/08	Tue 11/11/08
401	MMS	<b>Administration</b>	<b>100%</b>	<b>Sun 6/1/08</b>	<b>Mon 8/11/08</b>
402	MMS	<b>ABB SOW's</b>	<b>100%</b>	<b>Sun 6/1/08</b>	<b>Mon 8/11/08</b>
403	MMS	Amendment 9	100%	Sun 6/1/08	Sun 6/1/08
404	MMS	Amendment 10	100%	Tue 6/3/08	Mon 8/11/08
405	MMS	<b>Change Control</b>	<b>0%</b>	<b>Wed 3/11/09</b>	<b>Wed 7/29/09</b>
406	MMS	<b>NPRRs</b>	<b>0%</b>	<b>Wed 3/11/09</b>	<b>Wed 7/29/09</b>
407	MMS	NPRR091 – Scarcity Pricing & Mitigated Offer Cap	0%	Wed 3/11/09	Wed 7/29/09
408	MMS	NPRR102 – Implementation of PUCT 25.505(f), Publication of Resource & Load Information	0%	Thu 4/9/09	Fri 7/24/09
409	MMS	NPRR113 – Ancillary service trades with ERCOT	0%	Wed 3/11/09	Wed 7/29/09
410	MMS	NPRR124 - Resource Node Update Definition	0%	Wed 3/11/09	Wed 7/29/09
411	MMS	NPRR128 – CCP Blocks with Multiple Voltages	0%	Wed 3/11/09	Wed 7/29/09
412	MMS	NPRR131 – Ancillary Service Trades with ERCOT	0%	Wed 3/11/09	Wed 7/29/09
413	MMS	NPRR134 – Section 7 Cleanup: FGR processing	0%	Wed 3/11/09	Wed 7/29/09
414	MMS	<b>MMS Market Manager (MM) User Interface</b>	<b>78%</b>	<b>Sun 6/1/08</b>	<b>Thu 5/21/09</b>
415	MMS	MMS UI - Project Start	100%	Sun 6/1/08	Sun 6/1/08
416	MMS	<b>Dependencies</b>	<b>99%</b>	<b>Fri 8/15/08</b>	<b>Wed 2/4/09</b>
417	MMS	EIP 1.16 (Resource Parameters Submissions)	100%	Fri 8/15/08	Mon 8/18/08
418	MMS	EIP 1.17 available (Notifications, Synchronous transmissions, Failed transmissions, Extended Query, Wildcards)	100%	Thu 10/16/08	Thu 10/16/08
419	MMS	EIP 1.18 available (If Needed)	0%	Wed 2/4/09	Wed 2/4/09
420	MMS	MMS4_P3 available	100%	Mon 8/18/08	Mon 8/18/08
421	MMS	MMS4_P4 available	100%	Tue 9/30/08	Tue 9/30/08
422	MMS	MMS4_P5 available	100%	Wed 10/22/08	Wed 10/22/08
423	MMS	<b>Analysis &amp; Design</b>	<b>100%</b>	<b>Thu 7/31/08</b>	<b>Fri 10/17/08</b>
424	MMS	<b>Create Wireframes/HTML</b>	<b>100%</b>	<b>Thu 7/31/08</b>	<b>Mon 9/15/08</b>
425	MMS	<b>Trades</b>	<b>100%</b>	<b>Thu 7/31/08</b>	<b>Fri 8/29/08</b>
426	MMS	Trades:HTML:Queries	100%	Thu 7/31/08	Fri 8/29/08
427	MMS	Trades:HTML:Confirmed/Unconfirmed	100%	Thu 7/31/08	Fri 8/29/08
428	MMS	Trades:HTML:Energy	100%	Thu 7/31/08	Fri 8/29/08
429	MMS	Trades:HTML:Capacity	100%	Thu 7/31/08	Fri 8/29/08
430	MMS	Trades:HTML:AS	100%	Thu 7/31/08	Fri 8/29/08

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
431	MMS	Trades HTML Complete	100%	Fri 8/29/08	Fri 8/29/08
432	MMS	<b>Resource Specific Submissions (RSS)</b>	100%	Thu 7/31/08	Fri 8/29/08
433	MMS	RSS:HTML:Queries	100%	Thu 7/31/08	Fri 8/29/08
434	MMS	RSS:HTML:Current Operating Plan (COP)	100%	Thu 7/31/08	Fri 8/29/08
435	MMS	RSS:HTML:Three-Part Offer/Energy Only Offer Curve	100%	Thu 7/31/08	Fri 8/29/08
436	MMS	RSS:HTML:Output Schedule	100%	Thu 7/31/08	Fri 8/29/08
437	MMS	RSS:HTML:AS Offer	100%	Thu 7/31/08	Fri 8/29/08
438	MMS	RSS:HTML:Inc/Dec Energy Offer Curve	100%	Thu 7/31/08	Fri 8/29/08
439	MMS	RSS:HTML:Resource Parameters	100%	Thu 7/31/08	Fri 8/29/08
440	MMS	Resource Specific Submissions (RSS) HTML Complete	100%	Fri 8/29/08	Fri 8/29/08
441	MMS	<b>Bids &amp; Offers</b>	100%	Thu 7/31/08	Fri 8/29/08
442	MMS	Bids & Offers:HTML:Queries	100%	Thu 7/31/08	Fri 8/29/08
443	MMS	Bids & Offers:HTML:DAM Energy-Only Offer Curve	100%	Thu 7/31/08	Fri 8/29/08
444	MMS	Bids & Offers:HTML:CRR Offer	100%	Thu 7/31/08	Fri 8/29/08
445	MMS	Bids & Offers:HTML:DAM Energy Bid	100%	Thu 7/31/08	Fri 8/29/08
446	MMS	Bids & Offers:HTML:PTP Obligation Bid	100%	Thu 7/31/08	Fri 8/29/08
447	MMS	Bids & Offers HTML Complete	100%	Fri 8/29/08	Fri 8/29/08
448	MMS	<b>Schedules</b>	100%	Thu 7/31/08	Fri 8/29/08
449	MMS	Schedules:HTML:Queries	100%	Thu 7/31/08	Fri 8/29/08
450	MMS	Schedules:HTML:Self-Schedule	100%	Thu 7/31/08	Fri 8/29/08
451	MMS	Schedules:HTMLDC Ties	100%	Thu 7/31/08	Fri 8/29/08
452	MMS	Schedules HTML Complete	100%	Fri 8/29/08	Fri 8/29/08
453	MMS	<b>Self-Arranged AS</b>	100%	Thu 7/31/08	Fri 8/29/08
454	MMS	Self-Arranged AS:HTML:Self-Arranged AS	100%	Thu 7/31/08	Fri 8/29/08
455	MMS	Self-Arranged AS:HTML:Queries	100%	Thu 7/31/08	Fri 8/29/08
456	MMS	Self-Arranged AS HTML Complete	100%	Fri 8/29/08	Fri 8/29/08
457	MMS	<b>Awards</b>	100%	Thu 7/31/08	Fri 8/29/08
458	MMS	Awards:HTML:Awards	100%	Thu 7/31/08	Fri 8/29/08
459	MMS	Awards:HTML:Queries	100%	Thu 7/31/08	Fri 8/29/08
460	MMS	Awards HTML Complete	100%	Fri 8/29/08	Fri 8/29/08
461	MMS	<b>Notices</b>	100%	Thu 7/31/08	Fri 8/29/08
462	MMS	Notices:HTML:Notices	100%	Thu 7/31/08	Fri 8/29/08
463	MMS	Notices:HTML:Queries	100%	Thu 7/31/08	Fri 8/29/08
464	MMS	Notices HTML Complete	100%	Fri 8/29/08	Fri 8/29/08
465	MMS	<b>Verbal Dispatch Instructions (VDI)</b>	100%	Wed 9/10/08	Fri 9/12/08

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
466	MMS	VDI:HTML:Verbal Dispatch Instructions	100%	Wed 9/10/08	Fri 9/12/08
467	MMS	VDI:HTML:Queries	100%	Wed 9/10/08	Fri 9/12/08
468	MMS	VDI HTML Complete	100%	Mon 9/15/08	Mon 9/15/08
469	MMS	Finalize Wireframes/HTML Design	100%	Mon 9/15/08	Mon 9/15/08
470	MMS	<b>Document Requirements</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Fri 10/17/08</b>
471	MMS	<b>Bids &amp; Offers</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Fri 9/5/08</b>
472	MMS	Bids & Offers:REQ:Queries	100%	Tue 9/2/08	Fri 9/5/08
473	MMS	Bids & Offers:REQ:DAM Energy-Only Offer Curve	100%	Tue 9/2/08	Fri 9/5/08
474	MMS	Bids & Offers:REQ:CRR Offer	100%	Tue 9/2/08	Fri 9/5/08
475	MMS	Bids & Offers:REQ:DAM Energy Bid	100%	Tue 9/2/08	Fri 9/5/08
476	MMS	Bids & Offers:REQ:PTP Obligation Bid	100%	Tue 9/2/08	Fri 9/5/08
477	MMS	"Bids & Offers" Requirements Complete	100%	Fri 9/5/08	Fri 9/5/08
478	MMS	<b>Resource Specific Submissions</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Fri 9/12/08</b>
479	MMS	RSS:REQ:Queries	100%	Tue 9/2/08	Fri 9/12/08
480	MMS	RSS:REQ:Current Operating Plan (COP)	100%	Tue 9/2/08	Fri 9/12/08
481	MMS	RSS:REQ:Three-Part Offer/Energy Only Offer Curve	100%	Tue 9/2/08	Fri 9/12/08
482	MMS	RSS:REQ:Output Schedule	100%	Tue 9/2/08	Fri 9/12/08
483	MMS	RSS:REQ:AS Offer	100%	Tue 9/2/08	Fri 9/12/08
484	MMS	RSS:REQ:Inc/Dec Energy Offer Curve	100%	Tue 9/2/08	Fri 9/12/08
485	MMS	RSS:REQ:Resource Parameters	100%	Tue 9/2/08	Fri 9/12/08
486	MMS	"Resource Specific Submissions" Requirements Complete	100%	Fri 9/12/08	Fri 9/12/08
487	MMS	<b>Schedules</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Fri 9/19/08</b>
488	MMS	Schedules:REQ:Queries	100%	Tue 9/2/08	Fri 9/19/08
489	MMS	Schedules:REQ:Self-Schedule	100%	Tue 9/2/08	Fri 9/19/08
490	MMS	Schedules:REQ:DC Tie	100%	Tue 9/2/08	Fri 9/19/08
491	MMS	"Schedules" Requirements Complete	100%	Fri 9/19/08	Fri 9/19/08
492	MMS	<b>Self-Arranged AS</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Fri 9/19/08</b>
493	MMS	Self-Arranged AS:REQ:Self-Arranged AS	100%	Tue 9/2/08	Fri 9/19/08
494	MMS	Self-Arranged AS:REQ:Queries	100%	Tue 9/2/08	Fri 9/19/08
495	MMS	"Self-Arranged AS" Requirements Complete	100%	Fri 9/19/08	Fri 9/19/08
496	MMS	<b>Trades</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Fri 9/26/08</b>
497	MMS	Trades:REQ:Queries	100%	Tue 9/2/08	Fri 9/26/08
498	MMS	Trades:REQ:Confirmed/Unconfirmed	100%	Tue 9/2/08	Fri 9/26/08
499	MMS	Trades:REQ:Energy	100%	Tue 9/2/08	Fri 9/26/08
500	MMS	Trades:REQ:Capacity	100%	Tue 9/2/08	Fri 9/26/08



ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
501	MMS	Trades:REQ:AS	100%	Tue 9/2/08	Fri 9/26/08
502	MMS	"Trades" Requirements Complete	100%	Fri 9/26/08	Fri 9/26/08
503	MMS	<b>Awards</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Fri 10/3/08</b>
504	MMS	Awards:REQ:Awards	100%	Tue 9/2/08	Fri 10/3/08
505	MMS	Awards:REQ:Queries	100%	Tue 9/2/08	Fri 10/3/08
506	MMS	"Awards" Requirements Complete	100%	Fri 10/3/08	Fri 10/3/08
507	MMS	<b>Notices</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Fri 10/3/08</b>
508	MMS	Notices:REQ:Notices	100%	Tue 9/2/08	Fri 10/3/08
509	MMS	Notices:REQ:Queries	100%	Tue 9/2/08	Fri 10/3/08
510	MMS	"Notices" Requirements Complete	100%	Fri 10/3/08	Fri 10/3/08
511	MMS	<b>Verbal Dispatch Instructions (VDI)</b>	<b>100%</b>	<b>Mon 9/15/08</b>	<b>Fri 10/3/08</b>
512	MMS	VDI:REQ:Verbal Dispatch Instructions	100%	Mon 9/15/08	Fri 10/3/08
513	MMS	VDI:REQ:Queries	100%	Mon 9/15/08	Fri 10/3/08
514	MMS	"VDI" Requirements Complete	100%	Fri 10/3/08	Fri 10/3/08
515	MMS	Business Rules/Validation	100%	Mon 10/6/08	Fri 10/10/08
516	MMS	Finalize Requirements Document	100%	Mon 10/6/08	Fri 10/17/08
517	MMS	Market Manager "Requirements" Complete	100%	Fri 10/17/08	Fri 10/17/08
518	MMS	<b>Construction &amp; Unit Test (Build)</b>	<b>74%</b>	<b>Tue 8/19/08</b>	<b>Mon 3/16/09</b>
519	MMS	<b>Bids &amp; Offers</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Fri 10/31/08</b>
520	MMS	<b>Front-end</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Fri 10/31/08</b>
521	MMS	Bids & Offers:Build:Queries	100%	Fri 10/17/08	Fri 10/31/08
522	MMS	<b>DAM Energy-Only Offer Curve</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Mon 10/6/08</b>
523	MMS	Bids & Offers:Build:DAM Energy-Only Offer Curve	100%	Tue 9/2/08	Mon 9/29/08
524	MMS	Bids & Offers:Build:Multi-hour Submissions	100%	Tue 9/16/08	Mon 10/6/08
525	MMS	<b>DAM Energy Bid</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Mon 10/6/08</b>
526	MMS	Bids & Offers:Build:DAM Energy Bid	100%	Tue 9/2/08	Mon 9/29/08
527	MMS	Bids & Offers:Build:Multi-hour Submissions	100%	Tue 9/16/08	Mon 10/6/08
528	MMS	<b>PTP Obligation Bid</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Mon 10/6/08</b>
529	MMS	Bids & Offers:Build:PTP Obligation Bid	100%	Tue 9/2/08	Mon 9/29/08
530	MMS	Bids & Offers:Build:Multi-hour Submissions	100%	Tue 9/16/08	Mon 10/6/08
531	MMS	<b>CRR Offers</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Mon 10/6/08</b>
532	MMS	Bids & Offers:Build:CRR Offers	100%	Tue 9/2/08	Mon 9/29/08
533	MMS	Bids & Offers:Build:Multi-hour Submissions	100%	Tue 9/16/08	Mon 10/6/08
534	MMS	"Bids & Offers" Front-end Complete	100%	Fri 10/31/08	Fri 10/31/08
535	MMS	Bids & Offers:Build:Back-end Web Service	100%	Tue 9/30/08	Tue 10/28/08

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
536	MMS	"Bids & Offers" Released to FAT/iTest	100%	Fri 10/31/08	Fri 10/31/08
537	MMS	<b>Resource Specific Submissions (RSS)</b>	100%	Tue 10/7/08	Tue 11/25/08
538	MMS	<b>Front-end</b>	100%	Tue 10/7/08	Thu 11/20/08
539	MMS	RSS:Build:Queries	100%	Fri 10/17/08	Wed 10/29/08
540	MMS	RSS:Build:Current Operating Plan (COP)	100%	Tue 10/7/08	Thu 10/9/08
541	MMS	RSS:Build:Three-Part Offer	100%	Fri 10/10/08	Fri 10/17/08
542	MMS	RSS:Build:Energy Only Offer Curve	100%	Mon 10/20/08	Thu 10/23/08
543	MMS	RSS:Build:Output Schedule	100%	Fri 10/24/08	Fri 10/31/08
544	MMS	<b>AS Offer</b>	100%	Mon 11/3/08	Fri 11/7/08
545	MMS	RSS:Build:AS Offer	100%	Mon 11/3/08	Fri 11/7/08
546	MMS	RSS:Build:Multi-hour submission	100%	Wed 11/5/08	Wed 11/5/08
547	MMS	RSS:Build:Inc/Dec Energy Offer Curve	100%	Thu 11/6/08	Mon 11/17/08
548	MMS	RSS:Build:Resource Parameters	100%	Thu 11/13/08	Thu 11/20/08
549	MMS	"RSS" Front-end Complete	100%	Mon 11/24/08	Mon 11/24/08
550	MMS	RSS:Build:Back-end Web Service	100%	Wed 10/29/08	Tue 11/25/08
551	MMS	"Resource Specific Submissions" Released to Pre-FAT	100%	Tue 11/25/08	Tue 11/25/08
552	MMS	<b>Schedules</b>	100%	Fri 10/17/08	Thu 12/11/08
553	MMS	<b>Front-end</b>	100%	Fri 10/17/08	Fri 12/5/08
554	MMS	Schedules:Build:Queries	100%	Fri 10/17/08	Fri 10/31/08
555	MMS	Schedules:Build:DC Ties	100%	Tue 11/25/08	Thu 12/4/08
556	MMS	Schedules:Build:Self-Schedule	100%	Fri 12/5/08	Fri 12/5/08
557	MMS	"Schedules" Front-end Complete	100%	Fri 12/5/08	Fri 12/5/08
558	MMS	Schedules:Build:Back-end Web Services	100%	Mon 12/1/08	Thu 12/11/08
559	MMS	"Schedules" Released to Pre-FAT	100%	Thu 12/11/08	Thu 12/11/08
560	MMS	<b>Self-Arranged AS</b>	100%	Fri 10/17/08	Wed 12/17/08
561	MMS	<b>Front-end</b>	100%	Fri 10/17/08	Wed 12/10/08
562	MMS	Self-Arranges AS:Build:Queries	100%	Fri 10/17/08	Fri 10/31/08
563	MMS	Self-Arranged AS:Build:Self-Arranged AS	100%	Mon 12/8/08	Wed 12/10/08
564	MMS	"Self-Arranged AS" Front-end Complete	100%	Wed 12/10/08	Wed 12/10/08
565	MMS	Self-Arranged AS:Build:Back-end Web Services	100%	Fri 12/12/08	Wed 12/17/08
566	MMS	"Self-Arranged AS" Released to Pre-FAT	100%	Wed 12/17/08	Wed 12/17/08
567	MMS	<b>Trades</b>	81%	Fri 10/17/08	Wed 1/21/09
568	MMS	<b>Front-end</b>	79%	Fri 10/17/08	Wed 1/21/09
569	MMS	Trades:Build:Queries	100%	Fri 10/17/08	Fri 10/31/08
570	MMS	Trades:Build:Confirmed/Unconfirmed	100%	Thu 12/11/08	Mon 12/15/08

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
571	MMS	Trades:Build:Energy	100%	Thu 12/11/08	Thu 12/18/08
572	MMS	Trades:Build:Capacity	100%	Thu 12/11/08	Mon 1/5/09
573	MMS	Trades:Build:AS	100%	Thu 12/11/08	Fri 1/9/09
574	<b>MMS</b>	<b>Client-side Validation 1</b>	<b>50%</b>	<b>Wed 1/14/09</b>	<b>Wed 1/21/09</b>
575	MMS	Trades:Build:Client-side validation	50%	Wed 1/14/09	Wed 1/21/09
576	MMS	Bids & Offers:Build:Client-side validation	50%	Wed 1/14/09	Wed 1/21/09
577	MMS	Resource Specific Submissions (RSS):Client-side validation	50%	Wed 1/14/09	Wed 1/21/09
578	MMS	Schedules:Build:Client-side validation	50%	Wed 1/14/09	Wed 1/21/09
579	MMS	Self-Arranged AS:Build:Client-side validation	50%	Wed 1/14/09	Wed 1/21/09
580	MMS	"Trades" Front-end Complete	0%	Wed 1/21/09	Wed 1/21/09
581	MMS	Trades:Build:Back-end Web Service	100%	Thu 12/18/08	Fri 1/9/09
582	MMS	"Trades" Released to Pre-FAT	0%	Wed 1/21/09	Wed 1/21/09
583	<b>MMS</b>	<b>Awards</b>	<b>50%</b>	<b>Fri 10/17/08</b>	<b>Thu 1/29/09</b>
584	<b>MMS</b>	<b>Front-end</b>	<b>65%</b>	<b>Fri 10/17/08</b>	<b>Thu 1/29/09</b>
585	MMS	Awards:Build:Queries	100%	Fri 10/17/08	Fri 10/31/08
586	MMS	Awards:Build:Awards	0%	Thu 1/22/09	Tue 1/27/09
587	MMS	Awards:Build:Client-side validation	0%	Wed 1/28/09	Thu 1/29/09
588	MMS	"Awards" Front-end Complete	0%	Thu 1/29/09	Thu 1/29/09
589	MMS	Awards:Build:Back-end Web Services	25%	Mon 1/12/09	Fri 1/23/09
590	MMS	"Awards" Released to Pre-FAT	0%	Thu 1/29/09	Thu 1/29/09
591	<b>MMS</b>	<b>Notices</b>	<b>48%</b>	<b>Fri 10/17/08</b>	<b>Mon 2/9/09</b>
592	<b>MMS</b>	<b>Front-end</b>	<b>65%</b>	<b>Fri 10/17/08</b>	<b>Fri 2/6/09</b>
593	MMS	Notices:Build:Queries	100%	Fri 10/17/08	Fri 10/31/08
594	MMS	Notices:Build:Notices	0%	Fri 1/30/09	Wed 2/4/09
595	MMS	Notices:Build:Client-side validation	0%	Thu 2/5/09	Fri 2/6/09
596	MMS	"Notices" Front-end Complete	0%	Fri 2/6/09	Fri 2/6/09
597	MMS	Notices:Build:Back-end Web Services	0%	Mon 1/26/09	Fri 1/30/09
598	MMS	MMCR Readiness (Notices)	0%	Mon 2/9/09	Mon 2/9/09
599	MMS	"Notices" Released to Pre-FAT	0%	Mon 2/9/09	Mon 2/9/09
600	<b>MMS</b>	<b>Verbal Dispatch Instructions (VDI)</b>	<b>41%</b>	<b>Fri 10/17/08</b>	<b>Mon 2/16/09</b>
601	<b>MMS</b>	<b>Front-end</b>	<b>65%</b>	<b>Fri 10/17/08</b>	<b>Mon 2/16/09</b>
602	MMS	VDI:Build:Queries	100%	Fri 10/17/08	Fri 10/31/08
603	MMS	VDI:Build:Notices	0%	Mon 2/9/09	Thu 2/12/09
604	MMS	VDI:Build:Client-side validation	0%	Fri 2/13/09	Mon 2/16/09
605	MMS	"VDI" Front-end Complete	0%	Mon 2/16/09	Mon 2/16/09

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
606	MMS	VDI:Build:Back-end Web Services	0%	Mon 2/2/09	Fri 2/13/09
607	MMS	"VDI" Released to Pre-FAT	0%	Mon 2/16/09	Mon 2/16/09
608	MMS	<b>Maintenance &amp; Enhancements Features</b>	<b>0%</b>	<b>Mon 2/2/09</b>	<b>Mon 3/16/09</b>
609	MMS	EIP v1.17 Refactoring	0%	Mon 2/2/09	Fri 2/27/09
610	MMS	Policy Manager Adherence	0%	Tue 2/17/09	Mon 3/16/09
611	MMS	Mimic Duns	0%	Tue 2/17/09	Mon 3/16/09
612	MMS	Role-based Security	0%	Tue 2/17/09	Mon 3/16/09
613	MMS	<b>MMUI_Refactoring</b>	<b>73%</b>	<b>Tue 8/19/08</b>	<b>Wed 2/25/09</b>
614	MMS	MMS4_P3	100%	Tue 8/19/08	Tue 9/9/08
615	MMS	MMS4_P4	100%	Wed 10/1/08	Fri 10/17/08
616	MMS	MMS4_P5	100%	Thu 10/23/08	Fri 11/21/08
617	MMS	MMS4_P6	100%	Tue 12/2/08	Mon 12/8/08
618	MMS	MMS4_P7	0%	Fri 1/30/09	Thu 2/5/09
619	MMS	EIP v1.18	0%	Thu 2/5/09	Wed 2/25/09
620	MMS	<b>Market Manager Test</b>	<b>35%</b>	<b>Wed 11/12/08</b>	<b>Thu 4/9/09</b>
621	MMS	<b>Market Manager Testing</b>	<b>35%</b>	<b>Wed 11/12/08</b>	<b>Thu 4/9/09</b>
622	MMS	<b>MM(1) Pre-FAT</b>	<b>93%</b>	<b>Wed 11/12/08</b>	<b>Fri 1/23/09</b>
623	MMS	Pre-FAT:Bids & Offers	100%	Wed 11/12/08	Tue 12/9/08
624	MMS	Pre-FAT:Resource Specific Submissions	100%	Mon 12/1/08	Fri 12/12/08
625	MMS	Pre-FAT:Schedules	100%	Mon 12/15/08	Wed 1/7/09
626	MMS	Pre-FAT:Self-Arranged AS	100%	Thu 12/18/08	Fri 1/9/09
627	MMS	MMCR Prepared & Submitted (Bids & Offers, Resources, Specific Submissions, Schedules, Self-Arranged AS)	0%	Wed 1/21/09	Fri 1/23/09
628	MMS	<b>MM(2) Pre-FAT</b>	<b>0%</b>	<b>Thu 1/22/09</b>	<b>Thu 3/5/09</b>
629	MMS	Pre-FAT:Trades	0%	Thu 1/22/09	Wed 2/4/09
630	MMS	Pre-FAT:Awards	0%	Fri 1/30/09	Thu 2/12/09
631	MMS	Pre-FAT:Notices	0%	Tue 2/10/09	Mon 2/23/09
632	MMS	Pre-FAT:VDI	0%	Tue 2/17/09	Mon 3/2/09
633	MMS	MMCR Prepared & Submitted (Trades, Awards, Notices, VDI)	0%	Tue 3/3/09	Thu 3/5/09
634	MMS	<b>FAT</b>	<b>0%</b>	<b>Mon 1/26/09</b>	<b>Thu 3/26/09</b>
635	MMS	Market Manager 1: FAT Build & Installation	0%	Mon 1/26/09	Mon 1/26/09
636	MMS	Market Manager 1: FAT	0%	Tue 1/27/09	Wed 2/4/09
637	MMS	Market Manager 2: FAT Build & Installation	0%	Fri 3/6/09	Thu 3/12/09
638	MMS	Market Manager 2: FAT	0%	Fri 3/13/09	Thu 3/26/09
639	MMS	Deliver MM UI to iTEST	0%	Thu 3/26/09	Thu 3/26/09
641	MMS	Market Manager Defect Management	0%	Fri 3/27/09	Thu 4/9/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
642	MMS	Market Manager FAT Complete	0%	Thu 4/9/09	Thu 4/9/09
643	MMS	Integration	0%	Thu 5/21/09	Thu 5/21/09
644	MMS	Itest Support	0%	Thu 5/21/09	Thu 5/21/09
645	MMS	EDS Support	0%	Thu 5/21/09	Thu 5/21/09
646	MMS	Transition Activities	23%	Mon 10/20/08	Thu 5/21/09
647	MMS	Port to Jboss	0%	Fri 4/10/09	Thu 5/21/09
648	MMS	Training	0%	Fri 4/10/09	Thu 4/23/09
649	MMS	User Product Training	0%	Fri 4/10/09	Thu 4/23/09
650	MMS	Project Documentation	27%	Mon 10/20/08	Thu 5/21/09
651	MMS	Other Artifacts	27%	Mon 10/20/08	Thu 5/21/09
652	MMS	Detail design	10%	Mon 10/20/08	Fri 2/27/09
653	MMS	Market Manager User Guide	0%	Tue 2/17/09	Thu 5/21/09
654	MMS	Test documentation	100%	Mon 10/20/08	Wed 1/7/09
655	MMS	Test Scripts	100%	Mon 10/20/08	Wed 1/7/09
656	MMS	MMS UI Project End	0%	Thu 5/21/09	Thu 5/21/09
657	MMS	MMS Project End	0%	Fri 7/30/10	Fri 7/30/10
4	<b>Nodal IPS</b>	<b>NMMS - Network Model Management System</b>	<b>71%</b>	<b>Sun 6/1/08</b>	<b>Thu 9/3/09</b>
1	NMMS	NMMS Replan Start	100%	Mon 6/2/08	Tue 6/10/08
2	<b>NMMS</b>	<b>Single Entry Model (SEM) Go Live</b>	<b>76%</b>	<b>Sun 6/1/08</b>	<b>Thu 9/3/09</b>
3	<b>NMMS</b>	<b>NMMS 4 (EMA 1F1 + PTI R2)</b>	<b>100%</b>	<b>Wed 6/11/08</b>	<b>Tue 9/30/08</b>
4	NMMS	Receive NMMS 4 from Siemens	100%	Wed 6/11/08	Tue 6/17/08
5	NMMS	Install NMMS 4 (EMA 1F1 + PTI R2)	100%	Fri 6/20/08	Tue 6/24/08
6	NMMS	Create & Submit MMCR	100%	Tue 8/12/08	Thu 8/14/08
7	NMMS	FAT NMMS 4 EMA 1F1	100%	Fri 8/15/08	Tue 9/30/08
8	NMMS	FAT NMMS 4 PTI R2	100%	Wed 6/25/08	Fri 8/8/08
9	NMMS	Manage Defects	100%	Fri 8/15/08	Tue 9/30/08
10	NMMS	NMMS 4 (EMA 1F1 + PTI R2) Installed & Tested	100%	Tue 9/30/08	Tue 9/30/08
11	NMMS	Deliver NMMS 4 to EDS	100%	Tue 9/30/08	Tue 9/30/08
13	<b>NMMS</b>	<b>Conduct Performance Test</b>	<b>0%</b>	<b>Wed 6/24/09</b>	<b>Wed 7/22/09</b>
15	NMMS	Issue Market Notice to Indicate Suggested Date	0%	Wed 6/24/09	Wed 6/24/09
16	NMMS	Confirm Date & Schedule Resources	0%	Thu 6/25/09	Wed 7/1/09
17	NMMS	Review Scenarios	0%	Thu 7/2/09	Wed 7/8/09
18	NMMS	Set-up Environment for Test	0%	Thu 7/9/09	Fri 7/10/09
19	NMMS	Conduct Test	0%	Mon 7/13/09	Mon 7/13/09
20	NMMS	Prepare Test Results	0%	Tue 7/14/09	Tue 7/14/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
21	NMMS	Discuss Results with Siemens	0%	Wed 7/15/09	Wed 7/15/09
22	NMMS	Resolve Performance Issues	0%	Thu 7/16/09	Wed 7/22/09
23	NMMS	NMMS Performance Test Completed	0%	Wed 7/22/09	Wed 7/22/09
24	NMMS	<b>NMMS 5 (EMA 1F2)</b>	<b>100%</b>	<b>Fri 6/20/08</b>	<b>Fri 12/19/08</b>
25	NMMS	Finalize functionality/design	100%	Fri 6/20/08	Mon 7/21/08
26	NMMS	Deliver NMMS 5 Changes (EMA 1F2) to EIP	100%	Wed 10/1/08	Wed 10/1/08
28	NMMS	Install & Test NMMS 5 (EMA 1F2)	100%	Thu 10/2/08	Fri 10/17/08
29	NMMS	Create & Submit MMCR	100%	Tue 10/14/08	Wed 10/15/08
30	NMMS	"FAT" NMMS-MIS Interface	100%	Mon 10/27/08	Fri 11/14/08
31	NMMS	FAT NMMS 5 (EMA 1F2)	100%	Mon 10/20/08	Fri 12/19/08
32	NMMS	Manage Defects	100%	Mon 10/20/08	Fri 12/19/08
33	NMMS	NMMS 5 (EMA 1F2) Installed & Tested	100%	Fri 12/19/08	Fri 12/19/08
34	NMMS	Deliver NMMS 5 to EDS, OS, MPIM, & iTEST	100%	Fri 12/19/08	Fri 12/19/08
39	NMMS	<b>NMMS 6 (EMA 1F3)</b>	<b>4%</b>	<b>Fri 1/9/09</b>	<b>Mon 3/16/09</b>
40	NMMS	Receive NMMS 6 (EMA 1F3)	100%	Fri 1/9/09	Wed 1/14/09
42	NMMS	Install & Test NMMS 6 (EMA 1F3)	0%	Thu 1/15/09	Tue 1/20/09
43	NMMS	Create & Submit MMCR	0%	Thu 1/15/09	Thu 1/15/09
44	NMMS	FAT NMMS 6 (EMA 1F3)	0%	Thu 1/15/09	Tue 3/10/09
45	NMMS	FAT NMMS Interface	0%	Wed 1/21/09	Mon 2/2/09
46	NMMS	Manage Defects	0%	Wed 1/21/09	Mon 3/16/09
47	NMMS	NMMS 6 (EMA 1F3) Installed & Tested	0%	Mon 3/16/09	Mon 3/16/09
48	NMMS	Deliver NMMS 6 to iTEST	0%	Mon 3/16/09	Mon 3/16/09
51	NMMS	<b>Test CIM Importers &amp; Exporters</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Mon 11/3/08</b>
52	NMMS	Support Data Requirements	100%	Tue 9/2/08	Thu 10/16/08
55	NMMS	Receive EMS Importer FAT from EMS	100%	Mon 11/3/08	Mon 11/3/08
56	NMMS	EMS Testing Complete	100%	Mon 11/3/08	Mon 11/3/08
57	NMMS	<b>SEM Interfaces</b>	<b>50%</b>	<b>Mon 1/5/09</b>	<b>Fri 2/13/09</b>
58	NMMS	NMMS-MIS	50%	Mon 1/5/09	Fri 2/13/09
59	NMMS	SEM Interfaces Complete	0%	Fri 2/13/09	Fri 2/13/09
60	NMMS	<b>Freeze Schema</b>	<b>100%</b>	<b>Tue 6/10/08</b>	<b>Mon 10/6/08</b>
61	NMMS	<b>NMMS: Validate &amp; Prepare Schema</b>	<b>100%</b>	<b>Tue 6/10/08</b>	<b>Mon 10/6/08</b>
62	NMMS	Provide Schema V1.16	100%	Tue 6/10/08	Thu 6/12/08
63	NMMS	Provide Schema V1.17	100%	Tue 6/17/08	Thu 6/19/08
64	NMMS	Provide Schema V1.18	100%	Thu 6/26/08	Mon 7/7/08
65	NMMS	Provide Schema V1.19	100%	Thu 7/31/08	Thu 8/14/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
66	NMMS	Additional Schema Contingency (V1.20, V1.21)	100%	Mon 8/11/08	Mon 10/6/08
67	NMMS	Model Schema Frozen	100%	Mon 10/6/08	Mon 10/6/08
68	NMMS	<b>Data Validation Analysis</b>	<b>100%</b>	<b>Mon 6/30/08</b>	<b>Fri 8/1/08</b>
69	NMMS	Gather requirements from upstream & downstream systems (EMS, MMS, Planning, CRR, OS, S&B, & RARF)	100%	Mon 6/30/08	Tue 7/22/08
70	NMMS	Analyze data & identify candidates for "existing data" & NOMCR/SAMR Validation	100%	Wed 7/23/08	Mon 7/28/08
71	NMMS	Identify manual & bulk load data validation candidates	100%	Tue 7/29/08	Fri 8/1/08
72	NMMS	Data Validation Analysis Complete	100%	Fri 8/1/08	Fri 8/1/08
73	NMMS	<b>Validation Rules Generation</b>	<b>100%</b>	<b>Mon 8/4/08</b>	<b>Thu 1/8/09</b>
74	NMMS	Design validation rule generation capability	100%	Mon 8/4/08	Thu 8/7/08
75	NMMS	<b>Construct &amp; Implement Validation Set 1 (Manual Associations, Classes &amp; Attributes)</b>	<b>100%</b>	<b>Fri 8/8/08</b>	<b>Tue 10/28/08</b>
76	NMMS	Construct & Run Validation Set 1 in Dev Environment	100%	Fri 8/8/08	Thu 8/21/08
77	NMMS	Categorize Errors & Identify Changes to Data Dictionary	100%	Fri 8/22/08	Thu 8/28/08
78	NMMS	Move Validation Set 1 to Environment with Common Model	100%	Fri 9/5/08	Fri 9/5/08
79	NMMS	Resolve Internal Errors	100%	Tue 9/9/08	Mon 9/15/08
80	NMMS	Create SPRs & Work with Source System to Resolve	100%	Tue 9/9/08	Tue 10/28/08
81	NMMS	NMMS Validation Set 1 Implemented & Errors "Resolved"	100%	Tue 10/28/08	Tue 10/28/08
82	NMMS	<b>Construct &amp; Implement Validation Set 2 (CRR, Planning, &amp; RARF Rules)</b>	<b>100%</b>	<b>Tue 9/9/08</b>	<b>Thu 12/11/08</b>
83	NMMS	Construct Validation Set 2	100%	Tue 9/9/08	Wed 9/24/08
84	NMMS	Run Validation Set 2 in Dev Environment	100%	Wed 9/24/08	Wed 10/1/08
85	NMMS	Categorize Errors & Identify Changes to Data Dictionary	100%	Wed 10/1/08	Wed 10/15/08
86	NMMS	Move Validation Set 2 to Environment with Common Model	100%	Mon 10/13/08	Mon 10/13/08
87	NMMS	Resolve Internal Errors	100%	Tue 10/14/08	Fri 10/17/08
88	NMMS	Create SPRs & Work with Source System to Resolve	100%	Tue 10/14/08	Thu 12/11/08
89	NMMS	NMMS Validation Set 2 Implemented & Errors "Resolved"	100%	Thu 12/11/08	Thu 12/11/08
90	NMMS	<b>Construct &amp; Implement Validation Set 3 (EMS &amp; MMS)</b>	<b>100%</b>	<b>Thu 9/25/08</b>	<b>Thu 1/8/09</b>
91	NMMS	Construct Validation Set 3	100%	Thu 9/25/08	Fri 10/10/08
92	NMMS	Run Validation Set 3 in Dev Environment	100%	Mon 10/13/08	Wed 10/15/08
93	NMMS	Categorize Errors & Identify Changes to Data Dictionary	100%	Tue 10/21/08	Fri 10/24/08
94	NMMS	Move Validation Set 3 to Environment with Common Model	100%	Fri 10/24/08	Fri 10/24/08
95	NMMS	Resolve Internal Errors	100%	Mon 10/27/08	Mon 10/27/08
96	NMMS	Create SPRs & Work with Source System to Resolve	100%	Tue 10/28/08	Thu 1/8/09
97	NMMS	Deliver Validated Model (V1.21 schema & data set) to Downstream Systems	100%	Thu 1/8/09	Thu 1/8/09
100	NMMS	<b>Synchronize Data for Downstream Applications</b>	<b>100%</b>	<b>Wed 10/15/08</b>	<b>Wed 12/10/08</b>
101	NMMS	Create Save Cases & request Zonal SEED	100%	Wed 10/15/08	Fri 10/17/08
103	NMMS	Receive Zonal Seed Received from AREVA for DD1.21 from EMS	100%	Fri 10/31/08	Fri 10/31/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
104	NMMS	Identify Best Source of Production Grade Data (Authoritative List or Other)	100%	Mon 11/3/08	Mon 11/17/08
105	NMMS	Update NMMS Access Databases with Authoritative Data	100%	Tue 11/18/08	Mon 11/24/08
106	NMMS	Update CIM XML Version 1.21 Data Set	100%	Tue 11/25/08	Tue 12/2/08
107	NMMS	Ensure Changes to MMS & EMS Test Data are Included in Official Data Set	100%	Wed 12/3/08	Fri 12/5/08
108	NMMS	Update CIM XML Version 1.21 Data Set	100%	Mon 12/8/08	Wed 12/10/08
109	NMMS	Deliver Synchronized Model (V1.21 schema & data set) to Downstream Systems	100%	Wed 12/10/08	Wed 12/10/08
111	NMMS	<b>RARF Data Validation with MPs</b>	<b>100%</b>	<b>Tue 9/16/08</b>	<b>Mon 12/15/08</b>
112	NMMS	<b>RARF Iteration 1 (I1)</b>	<b>100%</b>	<b>Tue 9/16/08</b>	<b>Wed 10/22/08</b>
113	NMMS	<b>PREPARE NTDR (I1)</b>	<b>100%</b>	<b>Tue 9/16/08</b>	<b>Tue 9/23/08</b>
114	NMMS	LOAD NEW RARF's TO RARF HUB (I1)	100%	Tue 9/16/08	Thu 9/18/08
115	NMMS	RUN AUDIT (I1)	100%	Fri 9/19/08	Mon 9/22/08
116	NMMS	REMOVE CORRECTED DATA FROM TEST SCRIPT (I1)	100%	Tue 9/23/08	Tue 9/23/08
117	NMMS	RUN TEST DATA SCRIPT (I1)	100%	Tue 9/23/08	Tue 9/23/08
118	NMMS	<b>MP CORRECTS DATA (I1)</b>	<b>100%</b>	<b>Mon 9/29/08</b>	<b>Wed 10/22/08</b>
119	NMMS	AUDIT REPORT SENT (I1)	100%	Mon 9/29/08	Tue 9/30/08
120	NMMS	MP TELECONFERENCES (I1)	100%	Wed 10/1/08	Wed 10/22/08
121	NMMS	MP WORKS ISSUES (I1)	100%	Wed 10/1/08	Wed 10/22/08
122	NMMS	85% Production Quality Achieved (I1) for RARF Data	100%	Wed 10/22/08	Wed 10/22/08
124	NMMS	<b>RARF Iteration 2 (I2)</b>	<b>100%</b>	<b>Thu 10/23/08</b>	<b>Tue 11/18/08</b>
125	NMMS	<b>PREPARE NTDR (I2)</b>	<b>100%</b>	<b>Thu 10/23/08</b>	<b>Thu 10/30/08</b>
126	NMMS	LOAD NEW RARF's TO RARF HUB (I2)	100%	Thu 10/23/08	Thu 10/23/08
127	NMMS	RUN AUDIT (I2)	100%	Fri 10/24/08	Tue 10/28/08
128	NMMS	REMOVE CORRECTED DATA FROM TEST SCRIPT (I2)	100%	Wed 10/29/08	Wed 10/29/08
129	NMMS	RUN TEST DATA SCRIPT (I2)	100%	Thu 10/30/08	Thu 10/30/08
130	NMMS	<b>MP CORRECTS DATA (I2)</b>	<b>100%</b>	<b>Fri 10/31/08</b>	<b>Tue 11/18/08</b>
131	NMMS	AUDIT REPORT SENT (I2)	100%	Fri 10/31/08	Fri 10/31/08
132	NMMS	MP TELECONFERENCES (I2)	100%	Mon 11/3/08	Tue 11/18/08
133	NMMS	MP WORKS ISSUES (I2)	100%	Mon 11/3/08	Tue 11/18/08
134	NMMS	90% Production Quality Achieved (I2) for RARF Data	100%	Tue 11/18/08	Tue 11/18/08
136	NMMS	<b>RARF Iteration 3 (I3)</b>	<b>100%</b>	<b>Wed 11/19/08</b>	<b>Mon 12/15/08</b>
137	NMMS	<b>PREPARE NTDR (I3)</b>	<b>100%</b>	<b>Wed 11/19/08</b>	<b>Tue 11/25/08</b>
138	NMMS	LOAD NEW RARF's TO RARF HUB (I3)	100%	Wed 11/19/08	Wed 11/19/08
139	NMMS	RUN AUDIT ON NTDR (I3)	100%	Thu 11/20/08	Fri 11/21/08
140	NMMS	REMOVE CORRECTED DATA FROM TEST SCRIPT (I3)	100%	Mon 11/24/08	Mon 11/24/08
141	NMMS	RUN TEST DATA SCRIPT (I3)	100%	Tue 11/25/08	Tue 11/25/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
142	NMMS	<b>MP CORRECTS DATA (I3)</b>	100%	Mon 12/1/08	Mon 12/15/08
143	NMMS	AUDIT REPORT SENT (I3)	100%	Mon 12/1/08	Mon 12/1/08
144	NMMS	MP TELECONFERENCES (I3)	100%	Tue 12/2/08	Fri 12/12/08
145	NMMS	MP WORKS ISSUES (I3)	100%	Tue 12/2/08	Mon 12/15/08
146	NMMS	98% Production Quality Achieved (I3) for RARF Data	100%	Mon 12/15/08	Mon 12/15/08
148	NMMS	<b>Validate V1.21 Data Set with Final RARF data</b>	16%	Mon 1/5/09	Fri 3/6/09
149	NMMS	Load Final RARF Data Set & Run Validation Rules	100%	Mon 1/5/09	Fri 1/9/09
150	NMMS	Resolve Data Issues	5%	Mon 1/12/09	Fri 3/6/09
151	NMMS	Deliver Validated Model with Final RARF Data (V1.21 schema & data set) to Downstream Systems	0%	Fri 3/6/09	Fri 3/6/09
155	NMMS	<b>Process New Data Seed For SEM &amp; Data Consistency</b>	0%	Mon 5/11/09	Mon 7/6/09
157	NMMS	Create Save Cases & requirements SEM Zonal Seed	0%	Mon 5/11/09	Fri 5/15/09
158	NMMS	Receive Zonal Seed for SEM from EMS	0%	Mon 5/18/09	Mon 6/1/09
160	NMMS	Update NMMS Access Databases with Authoritative Data	0%	Tue 6/2/09	Wed 6/3/09
161	NMMS	Update CIM XML Version1.21 Data Set	0%	Thu 6/4/09	Mon 6/8/09
162	NMMS	Perform Manual Validations	0%	Tue 6/9/09	Wed 6/10/09
163	NMMS	Perform Bulk Load Validations	0%	Thu 6/11/09	Mon 6/15/09
164	NMMS	"Re-Load" Data Set & Run Validation Rules	0%	Tue 6/16/09	Wed 6/17/09
165	NMMS	Resolve Data Issues	0%	Thu 6/18/09	Wed 7/1/09
166	NMMS	Update V1.21 Data Set	0%	Thu 7/2/09	Mon 7/6/09
167	NMMS	V1.21 Data Set Validated & Ready for Consumption for Data Consistency Check	0%	Mon 7/6/09	Mon 7/6/09
168	NMMS	<b>Perform CIM Data Inventory</b>	100%	Sun 6/1/08	Wed 7/2/08
169	NMMS	Create inventory (format, range, type, etc.)	100%	Sun 6/1/08	Sun 6/1/08
170	NMMS	Identify source of data (format, range, type, etc.)	100%	Tue 6/3/08	Thu 6/12/08
171	NMMS	Identify consumer of data	100%	Fri 6/13/08	Fri 6/20/08
172	NMMS	Identify Classes, associations, & attributes	100%	Mon 6/23/08	Thu 6/26/08
173	NMMS	Identify data not in model & resolve	100%	Fri 6/27/08	Wed 7/2/08
174	NMMS	CIM Inventory Complete	100%	Wed 7/2/08	Wed 7/2/08
175	NMMS	<b>Design Canned Reports</b>	100%	Wed 6/4/08	Thu 8/7/08
176	NMMS	Define 10 canned reports	100%	Wed 6/4/08	Mon 7/21/08
177	NMMS	Review with Siemens	100%	Wed 7/23/08	Fri 7/25/08
178	NMMS	Revise & Submit to Siemens	100%	Tue 7/29/08	Thu 8/7/08
179	NMMS	Canned Reports Complete	100%	Thu 8/7/08	Thu 8/7/08
180	NMMS	<b>CIMTool Training for ERCOT &amp; MP's</b>	100%	Thu 6/19/08	Wed 7/9/08
181	NMMS	Prepare Training Materials	100%	Thu 6/19/08	Thu 6/26/08
182	NMMS	Review Materials	100%	Fri 6/27/08	Wed 7/2/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
183	NMMS	Identify Trainer	100%	Thu 7/3/08	Thu 7/3/08
184	NMMS	Schedule Classes	100%	Mon 7/7/08	Mon 7/7/08
185	NMMS	Conduct internal training	100%	Tue 7/8/08	Tue 7/8/08
186	NMMS	Conduct External Training	100%	Wed 7/9/08	Wed 7/9/08
187	NMMS	Training Material Preparation Completed	100%	Wed 7/9/08	Wed 7/9/08
188	NMMS	Create Templates	0%	Thu 1/15/09	Mon 2/16/09
189	<b>NMMS</b>	<b>Prepare Modeling Guidelines Documentation</b>	<b>0%</b>	<b>Mon 3/9/09</b>	<b>Fri 6/5/09</b>
190	NMMS	Compile Draft of Validation Rules	0%	Mon 3/9/09	Wed 3/18/09
192	NMMS	Compile Draft of Modeling Guidelines	0%	Thu 3/19/09	Wed 5/13/09
193	NMMS	Review Draft Internally & Revise	0%	Thu 5/14/09	Tue 5/19/09
194	NMMS	Issue Modeling Guidelines Draft to Participants	0%	Tue 5/19/09	Tue 5/19/09
196	NMMS	Dispose Comments & Revise Document	0%	Wed 5/20/09	Thu 6/4/09
197	NMMS	Review Final Document with Participants	0%	Fri 6/5/09	Fri 6/5/09
198	NMMS	Modeling Guidelines Complete	0%	Fri 6/5/09	Fri 6/5/09
200	<b>NMMS</b>	<b>Approach Document for Single Entry Model</b>	<b>100%</b>	<b>Wed 6/4/08</b>	<b>Thu 7/31/08</b>
201	NMMS	Define tasks TSPs & ERCOT must complete for transition from zonal	100%	Wed 6/4/08	Tue 7/15/08
202	NMMS	Deliver Revised Approach Document to MPs	100%	Tue 7/15/08	Tue 7/15/08
204	NMMS	Collect Additional Comments	100%	Wed 7/16/08	Fri 7/25/08
205	NMMS	Revise Approach Document	100%	Mon 7/28/08	Thu 7/31/08
206	NMMS	Approach Document Complete	100%	Tue 7/15/08	Tue 7/15/08
207	<b>NMMS</b>	<b>Perform Data Consistency Check (Stage 1 Validation) for NMMS Go Live</b>	<b>19%</b>	<b>Mon 6/2/08</b>	<b>Wed 8/5/09</b>
208	NMMS	Plan/review approach	100%	Mon 6/2/08	Fri 6/6/08
210	NMMS	Establish Benchmark in Zonal EMS	0%	Tue 7/7/09	Thu 7/9/09
211	NMMS	Execute Zonal EMS Applications (STNET, RTNET, Others)	0%	Fri 7/10/09	Tue 7/14/09
212	NMMS	Import Zonal Benchmark Model through CIM to Nodal EMS	0%	Wed 7/15/09	Fri 7/17/09
213	NMMS	Execute Nodal EMS Applications	0%	Mon 7/20/09	Wed 7/22/09
214	NMMS	Perform database comparison	0%	Thu 7/23/09	Mon 7/27/09
215	NMMS	Perform application results comparison	0%	Tue 7/28/09	Thu 7/30/09
216	NMMS	Prepare Report	0%	Fri 7/31/09	Tue 8/4/09
217	NMMS	Obtain Approvals (Director System Operations & Director Market Operations)	0%	Wed 8/5/09	Wed 8/5/09
218	NMMS	Data Consistency Check for NMMS Go Live Completed	0%	Tue 8/4/09	Tue 8/4/09
219	<b>NMMS</b>	<b>Network Model Group Process Development</b>	<b>100%</b>	<b>Wed 6/11/08</b>	<b>Mon 8/11/08</b>
220	NMMS	Develop "Generate, Post, & Distribute Models & Files" Procedure	100%	Wed 6/11/08	Mon 8/11/08
221	NMMS	Develop "Conduct NOMCR Validation" Procedure	100%	Wed 6/11/08	Mon 8/11/08
222	NMMS	Develop "Respond to Model Changes & Interim Updates" Procedure	100%	Wed 6/11/08	Mon 8/11/08

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
223	NMMS	Develop "Maintain Network Model" Procedure	100%	Wed 6/11/08	Mon 8/11/08
224	NMMS	Network Model Group Business Processes Developed	100%	Mon 8/11/08	Mon 8/11/08
225	NMMS	Deliver Deployment of NMMS to Production for SEM to EDS	0%	Tue 5/19/09	Tue 5/19/09
227	NMMS	<b>MPIM Implementation</b>	<b>0%</b>	<b>Tue 7/7/09</b>	<b>Fri 7/31/09</b>
228	NMMS	Create Use Case	0%	Tue 7/7/09	Thu 7/9/09
229	NMMS	Application configured for "production"	0%	Fri 7/10/09	Tue 7/21/09
230	NMMS	Site Monitor configured to allow access	0%	Wed 7/22/09	Thu 7/23/09
231	NMMS	Application pointed to production LDAP or Stage Table	0%	Fri 7/24/09	Mon 7/27/09
232	NMMS	List of users & roles bulk loaded into MPM	0%	Tue 7/28/09	Wed 7/29/09
233	NMMS	Test Environment with MPIM, Citrix, & NMMS	0%	Thu 7/30/09	Fri 7/31/09
234	NMMS	MPIM Integration Complete	0%	Fri 7/31/09	Fri 7/31/09
235	NMMS	<b>Meet Business Criteria Single Entry Model</b>	<b>0%</b>	<b>Tue 8/4/09</b>	<b>Thu 9/3/09</b>
236	NMMS	Deliver Entrance Criteria Met to EDS	0%	Tue 8/4/09	Tue 8/4/09
238	NMMS	Business Criteria Single Entry Model Met	0%	Tue 8/4/09	Tue 8/4/09
239	NMMS	Business Transition I	0%	Wed 8/5/09	Thu 9/3/09
240	NMMS	<b>SIG Implementations</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 12/12/08</b>
241	NMMS	<b>SIG 002 Private Use Networks</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 6/18/08</b>
242	NMMS	SIG 002: Confirm additional attributes & linkage is in the Network Model	100%	Wed 6/18/08	Wed 6/18/08
243	NMMS	SIG 002: Confirm loads are modeled as Non ERCOT non-conforming loads	100%	Wed 6/18/08	Wed 6/18/08
244	NMMS	SIG 002: Confirm Resource Nodes for PUN Resources are in model	100%	Mon 6/2/08	Mon 6/2/08
245	NMMS	SIG 002: Private Use Network Implementation Complete	100%	Wed 6/18/08	Wed 6/18/08
246	NMMS	<b>SIG 0003 Combined Cycle Plants</b>	<b>100%</b>	<b>Wed 6/4/08</b>	<b>Wed 6/18/08</b>
247	NMMS	SIG 0003: Model Physical Resources & their parameters	100%	Wed 6/4/08	Wed 6/4/08
248	NMMS	SIG 0003: Model Logical CCP Resources & their parameters	100%	Wed 6/4/08	Wed 6/4/08
249	NMMS	SIG 0003: Model mapping between Logical & Physical Resources	100%	Wed 6/4/08	Wed 6/4/08
250	NMMS	SIG 0003: Model CCP Transition Matrix	100%	Wed 6/4/08	Wed 6/4/08
251	NMMS	SIG 0003: Define Physical CCU Resource Nodes & map to Electrical Buses	100%	Wed 6/4/08	Wed 6/4/08
252	NMMS	SIG 0003: Define Logical CCU Resource Nodes & do not map to Electrical Buses	100%	Wed 6/4/08	Wed 6/4/08
253	NMMS	SIG 0003: Define Settlement Points at both Logical CCP Resource Nodes & Physical CCU Resource Nodes	100%	Wed 6/18/08	Wed 6/18/08
254	NMMS	SIG 0003: Define mapping of logical CcP Resources to EPS meters as net Metering Scheme	100%	Wed 6/18/08	Wed 6/18/08
255	NMMS	SIG 0003 Combined Cycle Plants Implementation Complete	100%	Wed 6/18/08	Wed 6/18/08
256	NMMS	<b>SIG 0005 Load Resource Topology Modeling</b>	<b>100%</b>	<b>Thu 6/5/08</b>	<b>Fri 12/5/08</b>
257	NMMS	Model Load Resources	100%	Thu 6/5/08	Thu 6/5/08
258	NMMS	Publish Schema	100%	Fri 6/6/08	Fri 6/6/08
259	NMMS	Input Load Resource data	100%	Thu 6/5/08	Fri 12/5/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
260	NMMS	SIG 0005 Load Resource Topology Modeling Complete	100%	Fri 12/5/08	Fri 12/5/08
261	<b>NMMS</b>	<b>SIG 0006 Flowgate Modeling</b>	<b>100%</b>	<b>Thu 6/5/08</b>	<b>Mon 12/8/08</b>
262	NMMS	Modeling complete	100%	Thu 6/5/08	Thu 6/5/08
263	NMMS	Input data	100%	Thu 7/17/08	Mon 12/8/08
264	NMMS	SIG 006 Flowgate Modeling Complete	100%	Mon 12/8/08	Mon 12/8/08
265	<b>NMMS</b>	<b>SIG 007 Block Load Transfer</b>	<b>100%</b>	<b>Thu 6/5/08</b>	<b>Thu 6/5/08</b>
266	NMMS	Add BLT class (and normal parameters for a resource) to network model schema	100%	Thu 6/5/08	Thu 6/5/08
267	NMMS	SIG 0007 Block Load Transfer Model Complete	100%	Thu 6/5/08	Thu 6/5/08
268	<b>NMMS</b>	<b>SIG 0008 Non Modeled Generation</b>	<b>100%</b>	<b>Thu 6/5/08</b>	<b>Fri 12/12/08</b>
269	NMMS	Modeling complete	100%	Thu 6/5/08	Thu 6/5/08
270	NMMS	Input Data	100%	Wed 7/23/08	Fri 12/12/08
271	NMMS	SIG 0008 Non-Modeled Generation Complete	100%	Fri 12/12/08	Fri 12/12/08
272	<b>NMMS</b>	<b>SIG 0009 Resource Node Location</b>	<b>100%</b>	<b>Thu 6/5/08</b>	<b>Thu 6/5/08</b>
273	NMMS	Locate & name all resources	100%	Thu 6/5/08	Thu 6/5/08
274	NMMS	SIG 0009 Resource Load Location Completed	100%	Thu 6/5/08	Thu 6/5/08
275	<b>NMMS</b>	<b>SIG 0011 Net Generation</b>	<b>100%</b>	<b>Wed 6/4/08</b>	<b>Fri 12/5/08</b>
276	NMMS	SIG 0011 Confirm additional attributes & linkage is in the Network Model	100%	Wed 6/4/08	Wed 6/4/08
277	NMMS	SIG 0011 Confirm loads are modeled as non-ERCOT non-conforming loads	100%	Thu 6/5/08	Thu 6/5/08
278	NMMS	Confirm Resource Nodes for PUN Resources are in the model	100%	Fri 6/6/08	Fri 12/5/08
279	NMMS	SIG 0011 Net Generation Modeling Complete	100%	Fri 12/5/08	Fri 12/5/08
280	NMMS	SIG Implementations Complete	100%	Fri 12/12/08	Fri 12/12/08
281	<b>NMMS</b>	<b>Develop NMMS Modeling</b>	<b>77%</b>	<b>Mon 8/25/08</b>	<b>Fri 2/6/09</b>
282	NMMS	Develop/Update Network Model Process	80%	Mon 8/25/08	Fri 1/30/09
283	NMMS	Develop the ICCP Management Process	0%	Mon 2/2/09	Fri 2/6/09
284	NMMS	NMMS Modeling Processes Complete	0%	Fri 2/6/09	Fri 2/6/09
285	NMMS	Develop NMMS Level 2 Procedures	13%	Mon 8/25/08	Fri 1/30/09
286	<b>NMMS</b>	<b>Develop NMMS Network Procedures</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 7/16/08</b>
287	NMMS	Generate, post & distribute files, NOMCRs & attachments	100%	Mon 6/2/08	Thu 6/5/08
288	NMMS	Conduct NOMCR validation	100%	Mon 6/2/08	Thu 6/5/08
289	NMMS	Respond to Model changes & interim updates	100%	Mon 6/2/08	Thu 6/5/08
290	NMMS	Maintain the Network Model	100%	Mon 6/2/08	Thu 6/5/08
291	NMMS	Review & Sign-off Procedures	100%	Mon 7/14/08	Wed 7/16/08
292	NMMS	Network Modeling Procedures Complete (dept 422)	100%	Wed 7/16/08	Wed 7/16/08
293	<b>NMMS</b>	<b>Prepare Training Materials</b>	<b>8%</b>	<b>Tue 9/16/08</b>	<b>Wed 3/25/09</b>
294	NMMS	Review Siemens User Guides	0%	Tue 3/17/09	Wed 3/18/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
295	NMMS	Review Application Support Training	0%	Tue 3/17/09	Wed 3/18/09
296	NMMS	Prepare User/Product Training (2-day Session)	100%	Wed 9/17/08	Thu 9/18/08
297	NMMS	Prepare User/Product Lite (6-hour session)	100%	Tue 9/16/08	Tue 9/16/08
298	NMMS	Develop EMMS Production Procedure	0%	Tue 3/17/09	Wed 3/25/09
299	<b>NMMS</b>	<b>Deliver NMMS Training</b>	<b>0%</b>	<b>Tue 3/17/09</b>	<b>Tue 3/24/09</b>
300	NMMS	Schedule Training Sessions	0%	Tue 3/17/09	Tue 3/17/09
301	NMMS	Conduct Applications Support Training	0%	Thu 3/19/09	Tue 3/24/09
302	NMMS	Conduct User Product Training Session 1 (2-day session)	0%	Wed 3/18/09	Thu 3/19/09
303	NMMS	Conduct User Product Training Session 2 (2-day session)	0%	Fri 3/20/09	Mon 3/23/09
304	NMMS	Conduct User Product Training - Lite (6-hour course)	0%	Wed 3/18/09	Wed 3/18/09
305	NMMS	Conduct User Product Training - Lite (6-hour course)	0%	Thu 3/19/09	Thu 3/19/09
306	NMMS	NMMS Training Complete	0%	Mon 3/23/09	Mon 3/23/09
307	<b>NMMS</b>	<b>NODAL Go Live</b>	<b>28%</b>	<b>Tue 6/10/08</b>	<b>Tue 8/11/09</b>
308	<b>NMMS</b>	<b>NMMS 7</b>	<b>18%</b>	<b>Fri 6/20/08</b>	<b>Fri 5/1/09</b>
309	NMMS	Finalize functionality/design	100%	Fri 6/20/08	Tue 7/8/08
310	NMMS	Receive NMMS 7	0%	Tue 3/17/09	Mon 3/23/09
312	NMMS	Install & Test NMMS 7 (Dev & Test), including interfaces	0%	Tue 3/24/09	Fri 3/27/09
313	NMMS	Create & Submit MCCR	0%	Mon 3/30/09	Wed 4/1/09
314	NMMS	Perform FAT Test NMMS 7	0%	Thu 4/2/09	Fri 5/1/09
315	NMMS	Manage Defects	0%	Thu 4/2/09	Fri 5/1/09
316	NMMS	NMMS 7 Installed & Tested	0%	Fri 5/1/09	Fri 5/1/09
317	NMMS	Deliver NMMS 7 INT	0%	Fri 5/1/09	Fri 5/1/09
319	<b>NMMS</b>	<b>Nodal Go Live Interfaces</b>	<b>100%</b>	<b>Tue 6/10/08</b>	<b>Thu 9/11/08</b>
320	NMMS	Nodal Go Live Interfaces: NMMS-OS (via EIP)	100%	Wed 6/18/08	Wed 6/18/08
321	NMMS	Nodal Go Live Interfaces: OS-NMMS (to CRR) (via EIP)	100%	Tue 7/8/08	Tue 7/8/08
322	NMMS	Nodal Go Live Interfaces: REG-NMMS	100%	Thu 9/4/08	Thu 9/4/08
323	NMMS	Deliver Nodal Go Live Interfaces: NMMS-CRR to CRR	100%	Thu 6/19/08	Thu 6/19/08
325	NMMS	Nodal Go Live Interfaces: NMMS-S&B/CSI	100%	Tue 6/10/08	Tue 6/10/08
326	NMMS	Nodal Go Live Interfaces: NMMS-MMS	100%	Thu 9/11/08	Thu 9/11/08
327	NMMS	Deliver Nodal Go Live Interfaces: NMMS-EMS to EMS	100%	Mon 7/28/08	Mon 7/28/08
330	NMMS	Deliver Nodal Go Live Interfaces: NMMS - EMS OE (via EIP) to EMS	100%	Mon 7/28/08	Mon 7/28/08
332	NMMS	Nodal Interfaces complete	100%	Wed 6/18/08	Wed 6/18/08
333	<b>NMMS</b>	<b>Planning Model Audit</b>	<b>64%</b>	<b>Tue 10/14/08</b>	<b>Tue 3/24/09</b>
334	NMMS	Identify Missing Planning Data in IMM	100%	Tue 10/14/08	Fri 10/17/08
335	NMMS	Confirm with Network Modeling Group that IMM has Field	100%	Mon 10/20/08	Tue 10/21/08

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
336	NMMS	Submit Change Request for Missing Planning Data Fields	100%	Wed 10/22/08	Thu 10/30/08
337	NMMS	Create Missing Planning Data	100%	Fri 10/31/08	Wed 11/12/08
338	NMMS	Develop process to add any missing planning data	100%	Thu 11/13/08	Mon 11/17/08
339	NMMS	Identify missing data	100%	Tue 11/18/08	Wed 12/17/08
340	NMMS	Add missing data using established process	70%	Thu 12/18/08	Fri 2/13/09
341	NMMS	Run Topology Processor with dump of updated data	0%	Mon 2/16/09	Wed 2/18/09
342	NMMS	Verify new data	0%	Thu 2/19/09	Tue 3/3/09
343	NMMS	Develop process to use ownership data from TP to MOD	0%	Wed 3/4/09	Fri 3/6/09
344	NMMS	Verify data ownership is being passed & perform comparison	0%	Mon 3/9/09	Wed 3/11/09
345	NMMS	Create template for planning data updates	0%	Thu 3/12/09	Mon 3/16/09
346	NMMS	Test template	0%	Tue 3/17/09	Thu 3/19/09
347	NMMS	Resolve Issue & revise template	0%	Fri 3/20/09	Tue 3/24/09
348	NMMS	Planning Audit Complete	0%	Tue 3/24/09	Tue 3/24/09
349	<b>NMMS</b>	<b>Develop NMMS Planning Procedures</b>	<b>0%</b>	<b>Tue 3/24/09</b>	<b>Fri 5/8/09</b>
350	NMMS	Receive State 2 Validation Support from MMS	0%	Tue 3/24/09	Tue 3/24/09
351	NMMS	Validate Topology Processed Model From IMM	0%	Wed 3/25/09	Tue 3/31/09
352	NMMS	Validate & Approve PMCR from TSP & ERCOT	0%	Wed 4/1/09	Wed 4/8/09
353	NMMS	Business Transition II	0%	Thu 4/9/09	Fri 5/8/09
354	NMMS	Planning Procedures Complete (Dept 471)	0%	Fri 5/8/09	Fri 5/8/09
355	<b>NMMS</b>	<b>Integration Support</b>	<b>0%</b>	<b>Mon 5/11/09</b>	<b>Tue 5/12/09</b>
356	NMMS	iTest	0%	Mon 5/11/09	Mon 5/11/09
357	NMMS	EDS	0%	Tue 5/12/09	Tue 5/12/09
358	<b>NMMS</b>	<b>Quality Assurance Documents</b>	<b>0%</b>	<b>Mon 5/4/09</b>	<b>Tue 7/14/09</b>
359	NMMS	Use Cases	0%	Mon 5/4/09	Fri 5/15/09
360	NMMS	Data Migration	0%	Mon 5/18/09	Mon 6/1/09
361	NMMS	Standard Interfaces Documentation	0%	Tue 6/2/09	Mon 6/22/09
362	NMMS	Unit test & Log	0%	Tue 6/23/09	Mon 6/29/09
363	NMMS	Test Plan	0%	Tue 6/30/09	Tue 7/7/09
364	NMMS	System Monitoring Document	0%	Wed 7/8/09	Tue 7/14/09
365	NMMS	Quality Assurance Documents Complete	0%	Tue 7/14/09	Tue 7/14/09
366	<b>NMMS</b>	<b>Handoff/End of Project</b>	<b>0%</b>	<b>Thu 4/9/09</b>	<b>Tue 8/11/09</b>
367	NMMS	Resource Transfer or Roll-off (employees & contractors)	0%	Wed 7/15/09	Tue 8/4/09
368	NMMS	Disposition of Hardware	0%	Wed 8/5/09	Tue 8/11/09
369	NMMS	.....	0%	Thu 4/9/09	Thu 4/9/09
370	NMMS	Close-out of budget	0%	Thu 4/9/09	Thu 4/9/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
371	NMMS	NMMS Project End	0%	Thu 9/3/09	Thu 9/3/09
5	<b>Nodal IPS</b>	<b>MPIM - Market Participant ID Management</b>	<b>56%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/19/09</b>
1	<b>MPIM</b>	<b>MPIM Project Plan</b>	<b>56%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/19/09</b>
2	MPIM	MPIP Replan Start	100%	Mon 6/2/08	Mon 6/2/08
3	<b>MPIM</b>	<b>MPIM</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/16/08</b>
4	MPIM	Requirements Document Complete	100%	Mon 6/2/08	Mon 6/2/08
5	MPIM	Use Cases Complete	100%	Mon 6/2/08	Mon 6/2/08
6	MPIM	Conceptual Design Document Complete	100%	Mon 6/2/08	Mon 6/2/08
7	MPIM	Design Document Complete	100%	Mon 6/2/08	Mon 6/2/08
8	MPIM	Development Complete	100%	Mon 6/2/08	Mon 6/2/08
9	MPIM	Fix Defects	100%	Tue 6/3/08	Mon 6/9/08
10	MPIM	Production Support Tickets	100%	Tue 6/3/08	Mon 6/9/08
11	MPIM	Security Testing	100%	Tue 6/3/08	Wed 6/4/08
12	MPIM	Performance Testing	100%	Tue 6/3/08	Mon 6/9/08
13	MPIM	FAT Testing for MPIM	100%	Tue 6/3/08	Mon 6/16/08
14	MPIM	Final Deployment Plan has been determined	100%	Mon 6/2/08	Mon 6/2/08
15	<b>MPIM</b>	<b>CRR Integration</b>	<b>100%</b>	<b>Tue 6/3/08</b>	<b>Fri 6/27/08</b>
16	<b>MPIM</b>	<b>CRR Integration Planning</b>	<b>100%</b>	<b>Tue 6/3/08</b>	<b>Wed 6/11/08</b>
17	<b>MPIM</b>	<b>Verify Integration Points</b>	<b>100%</b>	<b>Tue 6/3/08</b>	<b>Wed 6/4/08</b>
18	MPIM	Meeting with application SME	100%	Tue 6/3/08	Wed 6/4/08
19	MPIM	CRR LDAP Branch	100%	Tue 6/3/08	Wed 6/4/08
20	MPIM	CRR Triggers	100%	Tue 6/3/08	Wed 6/4/08
21	<b>MPIM</b>	<b>Verify Roles</b>	<b>100%</b>	<b>Tue 6/3/08</b>	<b>Wed 6/4/08</b>
22	MPIM	CRR Roles	100%	Tue 6/3/08	Wed 6/4/08
23	MPIM	CRR MIS Role	100%	Tue 6/3/08	Wed 6/4/08
24	MPIM	Verify Environments for FAT & iTest	100%	Thu 6/5/08	Wed 6/11/08
25	<b>MPIM</b>	<b>Integrated FAT Testing (ERCOT)</b>	<b>100%</b>	<b>Mon 6/9/08</b>	<b>Fri 6/27/08</b>
26	MPIM	Independent FAT Testing already Complete	100%	Mon 6/9/08	Mon 6/9/08
27	MPIM	Code drop & Smoke Test	100%	Tue 6/10/08	Thu 6/12/08
28	<b>MPIM</b>	<b>Functional Testing</b>	<b>100%</b>	<b>Fri 6/13/08</b>	<b>Fri 6/27/08</b>
29	MPIM	FAT Testing for INT	100%	Fri 6/13/08	Thu 6/19/08
30	MPIM	Defect Resolution	100%	Fri 6/20/08	Mon 6/23/08
31	MPIM	Defect Build Deployment	100%	Tue 6/24/08	Wed 6/25/08
32	MPIM	Defect Retest	100%	Thu 6/26/08	Fri 6/27/08
33	MPIM	CRR FAT Testing Complete	100%	Fri 6/27/08	Fri 6/27/08



ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
34	<b>MPIM</b>	<b>NMMS_IMM Integration</b>	<b>33%</b>	<b>Tue 6/3/08</b>	<b>Mon 1/26/09</b>
35	<b>MPIM</b>	<b>NMMS_IMM Integration Planning</b>	<b>80%</b>	<b>Tue 6/3/08</b>	<b>Tue 1/6/09</b>
37	MPIM	Receive NMMS_IMM Dependencies Identified for Go Live from NMMS	0%	Fri 12/19/08	Fri 12/19/08
38	MPIM	NMMS_IMM Dependencies Identified for Go Live	0%	Mon 1/5/09	Tue 1/6/09
39	MPIM	Deployment Plan into Production has been determined	0%	Tue 1/6/09	Tue 1/6/09
40	<b>MPIM</b>	<b>Verify Integration Points</b>	<b>100%</b>	<b>Tue 6/3/08</b>	<b>Wed 6/4/08</b>
41	MPIM	Meeting with application SME	100%	Tue 6/3/08	Wed 6/4/08
42	MPIM	NMMS_IMM Active Directory	100%	Tue 6/3/08	Wed 6/4/08
43	<b>MPIM</b>	<b>Verify Roles</b>	<b>100%</b>	<b>Tue 6/3/08</b>	<b>Wed 6/4/08</b>
44	MPIM	NMMS_IMM Roles	100%	Tue 6/3/08	Wed 6/4/08
45	MPIM	NMMS_IMM MIS Role	100%	Tue 6/3/08	Wed 6/4/08
46	<b>MPIM</b>	<b>Integrated FAT Testing (ERCOT)</b>	<b>0%</b>	<b>Tue 1/6/09</b>	<b>Mon 1/26/09</b>
47	MPIM	Independent FAT Testing already Complete	0%	Tue 1/6/09	Tue 1/6/09
48	MPIM	Code drop & Smoke Test	0%	Wed 1/7/09	Fri 1/9/09
49	<b>MPIM</b>	<b>Functional Testing</b>	<b>0%</b>	<b>Mon 1/12/09</b>	<b>Mon 1/26/09</b>
50	MPIM	FAT Testing for NMMS IMM Integration	0%	Mon 1/12/09	Fri 1/16/09
51	MPIM	Defect Resolution	0%	Mon 1/19/09	Tue 1/20/09
52	MPIM	Defect Build Deployment	0%	Wed 1/21/09	Thu 1/22/09
53	MPIM	Defect Retest	0%	Fri 1/23/09	Mon 1/26/09
54	MPIM	NMMS_IMM Integration FAT Testing Complete	0%	Mon 1/26/09	Mon 1/26/09
55	<b>MPIM</b>	<b>MIS Integration</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 9/22/08</b>
56	<b>MPIM</b>	<b>MIS Integration Planning</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 6/4/08</b>
57	MPIM	Deliver Identified Dependencies for Go Live to MIS	100%	Tue 6/3/08	Tue 6/3/08
59	MPIM	Deployment Plan into Production has been determined	100%	Mon 6/2/08	Mon 6/2/08
60	<b>MPIM</b>	<b>Verify Integration Points</b>	<b>100%</b>	<b>Tue 6/3/08</b>	<b>Wed 6/4/08</b>
61	MPIM	Meeting with application SME	100%	Tue 6/3/08	Wed 6/4/08
62	MPIM	MIS LDAP Branch	100%	Tue 6/3/08	Wed 6/4/08
63	<b>MPIM</b>	<b>Verify Roles</b>	<b>100%</b>	<b>Tue 6/3/08</b>	<b>Wed 6/4/08</b>
64	MPIM	MIS Roles	100%	Tue 6/3/08	Wed 6/4/08
65	<b>MPIM</b>	<b>Integrated FAT Testing (ERCOT)</b>	<b>100%</b>	<b>Mon 6/9/08</b>	<b>Mon 9/22/08</b>
66	MPIM	Independent FAT Testing already Complete	100%	Mon 6/9/08	Mon 6/9/08
68	MPIM	Receive PPM Deployment Package from MIS	100%	Mon 9/22/08	Mon 9/22/08
69	MPIM	Code drop & Smoke Test	100%	Fri 8/22/08	Tue 8/26/08
70	<b>MPIM</b>	<b>Functional Testing</b>	<b>100%</b>	<b>Wed 8/27/08</b>	<b>Thu 9/11/08</b>
71	MPIM	FAT Testing for MIS	100%	Wed 8/27/08	Wed 9/3/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
72	MPIM	Defect Resolution	100%	Thu 9/4/08	Fri 9/5/08
73	MPIM	Defect Build Deployment	100%	Mon 9/8/08	Tue 9/9/08
74	MPIM	Defect Retest	100%	Wed 9/10/08	Thu 9/11/08
75	MPIM	MIS FAT Testing Complete	100%	Thu 9/11/08	Thu 9/11/08
76	MPIM	<b>MMS Integration</b>	<b>100%</b>	<b>Thu 9/18/08</b>	<b>Fri 11/14/08</b>
77	MPIM	<b>MMS Integration Planning</b>	<b>100%</b>	<b>Thu 9/18/08</b>	<b>Fri 10/24/08</b>
79	MPIM	Receive Configured Application for "Production" from MMS	100%	Wed 10/22/08	Wed 10/22/08
80	MPIM	MMS Dependencies Identified for Go Live	100%	Thu 10/23/08	Fri 10/24/08
81	MPIM	Deployment Plan into Production has been determined	100%	Fri 10/24/08	Fri 10/24/08
82	MPIM	<b>Verify Integration Points</b>	<b>100%</b>	<b>Thu 9/18/08</b>	<b>Fri 9/19/08</b>
83	MPIM	Meeting with application SME	100%	Thu 9/18/08	Fri 9/19/08
84	MPIM	MMS LDAP Branch	100%	Thu 9/18/08	Fri 9/19/08
85	MPIM	MMS Staging Table Triggers	100%	Thu 9/18/08	Fri 9/19/08
86	MPIM	<b>Verify Roles</b>	<b>100%</b>	<b>Thu 9/18/08</b>	<b>Fri 9/19/08</b>
87	MPIM	MMS Roles	100%	Thu 9/18/08	Fri 9/19/08
88	MPIM	<b>Integrated FAT Testing (ERCOT)</b>	<b>100%</b>	<b>Fri 9/19/08</b>	<b>Fri 11/14/08</b>
89	MPIM	Independent FAT Testing Complete	100%	Fri 9/19/08	Fri 9/19/08
90	MPIM	Code drop & Smoke Test	100%	Mon 9/22/08	Fri 11/7/08
91	MPIM	<b>Functional Testing</b>	<b>100%</b>	<b>Mon 11/10/08</b>	<b>Fri 11/14/08</b>
92	MPIM	FAT Testing for MMS	100%	Mon 11/10/08	Thu 11/13/08
93	MPIM	Defect Resolution	100%	Fri 11/14/08	Fri 11/14/08
94	MPIM	Defect Build Deployment	100%	Fri 11/14/08	Fri 11/14/08
95	MPIM	Defect Retest	100%	Fri 11/14/08	Fri 11/14/08
96	MPIM	MMS FAT Testing Complete	100%	Fri 11/14/08	Fri 11/14/08
97	MPIM	<b>Training</b>	<b>56%</b>	<b>Tue 6/3/08</b>	<b>Fri 2/27/09</b>
98	MPIM	<b>Documentation</b>	<b>36%</b>	<b>Tue 6/3/08</b>	<b>Fri 2/27/09</b>
99	MPIM	<b>User Guide</b>	<b>100%</b>	<b>Tue 6/3/08</b>	<b>Fri 6/20/08</b>
100	MPIM	Edit Identified	100%	Tue 6/3/08	Wed 6/4/08
101	MPIM	Edits made	100%	Thu 6/5/08	Thu 6/12/08
102	MPIM	Project Approves	100%	Fri 6/13/08	Tue 6/17/08
103	MPIM	Legal Approves	100%	Wed 6/18/08	Fri 6/20/08
104	MPIM	Training Guide Complete	100%	Fri 6/20/08	Fri 6/20/08
105	MPIM	<b>Troubleshooting Guide</b>	<b>100%</b>	<b>Tue 6/3/08</b>	<b>Tue 6/17/08</b>
106	MPIM	Edits Identified	100%	Tue 6/3/08	Wed 6/4/08
107	MPIM	Edits made	100%	Thu 6/5/08	Thu 6/12/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
108	MPIM	Project Approves	100%	Fri 6/13/08	Tue 6/17/08
109	MPIM	Troubleshooting Guide Complete	100%	Tue 6/17/08	Tue 6/17/08
110	MPIM	<b>Role Information Spreadsheet</b>	14%	<b>Tue 6/3/08</b>	<b>Fri 2/27/09</b>
111	MPIM	Determine which roles will be displayed to the user	100%	Tue 6/3/08	Wed 6/4/08
112	MPIM	What is the process to update the document	12%	Fri 10/31/08	Fri 2/27/09
113	MPIM	<b>Training</b>	<b>100%</b>	<b>Wed 6/18/08</b>	<b>Tue 7/15/08</b>
114	MPIM	Client + Retail + WholeSale Services	100%	Mon 6/23/08	Tue 7/15/08
115	MPIM	Helpdesk	100%	Wed 6/18/08	Thu 7/10/08
116	MPIM	MP USA	100%	Mon 6/23/08	Tue 7/15/08
117	MPIM	<b>Deployment</b>	<b>0%</b>	<b>Thu 6/18/09</b>	<b>Fri 6/19/09</b>
118	MPIM	Deploy Nodal Rolls to Production	0%	Thu 6/18/09	Fri 6/19/09
119	MPIM	Deliver Nodal Rolls To EDS	0%	Fri 6/19/09	Fri 6/19/09
121	MPIM	<b>Transition to home team</b>	<b>100%</b>	<b>Tue 6/3/08</b>	<b>Mon 6/9/08</b>
122	MPIM	Code Review	100%	Tue 6/3/08	Mon 6/9/08
123	MPIM	Handover Documentation	100%	Tue 6/3/08	Wed 6/4/08
124	MPIM	<b>Integration Testing Support</b>	<b>22%</b>	<b>Fri 10/31/08</b>	<b>Wed 6/17/09</b>
126	MPIM	Support iTest defects	22%	Fri 10/31/08	Wed 6/17/09
127	MPIM	MPIM Project End	0%	Fri 2/27/09	Fri 2/27/09
6	<b>Nodal IPS</b>	<b>OS - Outage Scheduling</b>	<b>46%</b>	<b>Mon 6/2/08</b>	<b>Tue 5/19/09</b>
1	<b>OS</b>	<b>Nodal Outage Scheduler &amp; User Interface</b>	<b>46%</b>	<b>Mon 6/2/08</b>	<b>Tue 5/19/09</b>
2	<b>OS</b>	<b>Dependencies</b>	<b>99%</b>	<b>Mon 6/2/08</b>	<b>Mon 2/2/09</b>
3	OS	OS Project Start	100%	Mon 6/2/08	Mon 6/2/08
4	OS	EIP Specification v1.14 available	100%	Mon 6/2/08	Mon 6/2/08
5	OS	EIP Specification v1.15 available	100%	Fri 6/27/08	Fri 6/27/08
6	OS	Receive EIP Specification v1.17 Available from EIP	100%	Wed 10/15/08	Wed 10/15/08
7	OS	Receive EIP Specification from EIP (if Needed)	0%	Mon 2/2/09	Mon 2/2/09
8	OS	OS Version 2.0.13.0 available	100%	Thu 6/12/08	Thu 6/12/08
9	OS	Limited Maintenance Agreement Approved	100%	Fri 6/27/08	Fri 8/29/08
10	<b>OS</b>	<b>Interfaces</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 12/19/08</b>
11	<b>OS</b>	<b>NMMS =&gt; OS (via EIP)</b>	<b>100%</b>	<b>Fri 12/19/08</b>	<b>Fri 12/19/08</b>
13	OS	Receive NMMS 5	100%	Fri 12/19/08	Fri 12/19/08
14	OS	NMMS Equipment List Received	100%	Fri 12/19/08	Fri 12/19/08
15	OS	NMMS Equipment Operatorship Received	100%	Fri 12/19/08	Fri 12/19/08
16	OS	NMMS Equipment Service Received	100%	Fri 12/19/08	Fri 12/19/08
17	OS	NMMS Related Equipment Received	100%	Fri 12/19/08	Fri 12/19/08

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
18	OS	Deliver EMS <=> OS to EMS	100%	Mon 6/2/08	Mon 6/2/08
21	OS	Receive Registration => MMS => OS from MMS	100%	Wed 10/29/08	Wed 10/29/08
22	OS	Deliver OS => MMS to MMS	100%	Mon 6/2/08	Mon 6/2/08
24	OS	OS => NMMS => CRR (via EIP)	100%	Mon 6/2/08	Mon 6/2/08
25	OS	Deliver OS => CDR => MIS to CDR	100%	Mon 6/2/08	Mon 6/2/08
27	OS	Deliver OS => EDW => RSS to EDW	100%	Thu 11/13/08	Thu 11/13/08
29	<b>OS</b>	<b>Data Conversion</b>	<b>94%</b>	<b>Mon 6/2/08</b>	<b>Fri 2/20/09</b>
30	<b>OS</b>	<b>Test Environment Setup</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/16/08</b>
31	OS	N2N Access to Zonal & Nodal db's	100%	Mon 6/2/08	Fri 6/13/08
32	OS	Informatica installed	100%	Mon 6/16/08	Mon 6/16/08
33	OS	Data Mapping	100%	Tue 6/17/08	Thu 7/31/08
34	OS	Conversion Rules Established	100%	Wed 7/30/08	Fri 9/12/08
35	OS	Translation table for station, sub-station & equipment name changes	100%	Wed 7/30/08	Wed 7/30/08
36	<b>OS</b>	<b>Data Dumps to development environment</b>	<b>100%</b>	<b>Tue 6/17/08</b>	<b>Wed 8/27/08</b>
37	OS	Zonal Outage Scheduler	100%	Tue 6/17/08	Tue 6/17/08
38	OS	Nodal Outage Scheduler	100%	Tue 6/17/08	Tue 6/17/08
39	<b>OS</b>	<b>DB Refresh</b>	<b>100%</b>	<b>Wed 7/30/08</b>	<b>Wed 8/27/08</b>
40	OS	DB Refresh 1	100%	Wed 7/30/08	Wed 7/30/08
41	OS	DB Refresh 2	100%	Wed 8/27/08	Wed 8/27/08
42	OS	OS Test & Validate	100%	Thu 8/28/08	Mon 10/13/08
43	OS	Zonal Load Iteration 1 & Fixes	100%	Tue 10/14/08	Thu 12/11/08
44	OS	Zonal Load Iteration 2 & Fixes	0%	Mon 2/9/09	Fri 2/20/09
45	<b>OS</b>	<b>Outage Scheduler 2.0.13.0 (ABB Core Product)</b>	<b>77%</b>	<b>Thu 6/12/08</b>	<b>Thu 2/26/09</b>
46	<b>OS</b>	<b>ABB</b>	<b>100%</b>	<b>Thu 6/12/08</b>	<b>Thu 6/12/08</b>
47	OS	OS 2.0.13.0 Patch Delivered by ABB	100%	Thu 6/12/08	Thu 6/12/08
48	<b>OS</b>	<b>ERCOT</b>	<b>77%</b>	<b>Thu 6/12/08</b>	<b>Thu 2/26/09</b>
49	OS	OS 2.0.13.0:Installation into Development	100%	Thu 6/12/08	Wed 6/18/08
50	OS	OS 2.0.13.0:Smoke test on development	100%	Thu 6/19/08	Fri 6/20/08
51	OS	OS 2.0.13.0:MMCR Prepared	100%	Tue 6/24/08	Tue 6/24/08
52	OS	OS 2.0.13.0: Patch released to FAT	100%	Wed 6/25/08	Wed 6/25/08
53	OS	OS 2.0.13.0: Patch Installed in FAT Environment	100%	Thu 6/26/08	Thu 6/26/08
54	<b>OS</b>	<b>Test</b>	<b>75%</b>	<b>Fri 8/8/08</b>	<b>Thu 2/26/09</b>
55	OS	OS 2.0.13.0: Pre FAT/Regression Testing	100%	Fri 8/8/08	Thu 11/13/08
56	OS	Deliver OS 2.0.13.0: FAT/Regression Test Complete to iTEST	100%	Thu 11/13/08	Thu 11/13/08
58	OS	Additional FAT/Regression Testing	100%	Fri 11/14/08	Fri 11/21/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
59	OS	<b>FAT/Regression Correction</b>	100%	Fri 11/21/08	Fri 1/9/09
60	OS	<b>ABB</b>	100%	Fri 11/21/08	Fri 11/21/08
61	OS	OS 2.1.0.0 Patch Delivered to ERCOT	100%	Fri 11/21/08	Fri 11/21/08
62	OS	<b>ERCOT</b>	100%	Fri 11/21/08	Fri 1/9/09
63	OS	2.1.0.0: Patch received from ABB	100%	Fri 11/21/08	Fri 11/21/08
64	OS	2.1.0.0: Installed into DEV Environment	100%	Mon 11/24/08	Mon 12/1/08
66	OS	2.1.0.0: Smoke Tested on DEV	100%	Tue 12/2/08	Wed 12/3/08
67	OS	2.1.0.0: MMCR Prepared	100%	Thu 12/4/08	Thu 12/4/08
68	OS	2.1.0.0: Patch Released to FAT	100%	Thu 12/4/08	Thu 12/4/08
69	OS	2.1.0.0: Patch Installed into FAT Environment	100%	Fri 12/5/08	Fri 12/5/08
70	OS	2.1.0.0: SPR Tested & Validated	100%	Mon 12/8/08	Fri 12/12/08
71	OS	2.1.0.0: Regression test	100%	Mon 12/15/08	Fri 1/9/09
72	OS	Deliver 2.1.0.0: Defect Patch to iTEST	100%	Fri 1/9/09	Fri 1/9/09
73	OS	OS 2.1.1.0 Defect Patch	10%	Mon 1/12/09	Thu 1/22/09
74	OS	Deliver 2.1.1.0: Defect Patch to iTEST	0%	Thu 1/22/09	Thu 1/22/09
76	OS	OS 2.1.2.0 Defect Patch	0%	Fri 1/23/09	Thu 2/26/09
77	OS	Deliver OS 2.1.2.0 Defect Patch to iTEST	0%	Thu 2/26/09	Thu 2/26/09
80	OS	<b>OS User Interface</b>	52%	Thu 6/12/08	Tue 4/28/09
81	OS	OS Base UI to iTEST	100%	Fri 1/9/09	Fri 1/9/09
83	OS	OS Base UI to iTesting Support	5%	Mon 1/12/09	Fri 2/6/09
84	OS	<b>Refactoring for ABB OS 2.0.11.0 Release (v1.5.0.9)</b>	100%	Thu 6/12/08	Thu 6/26/08
85	OS	Backend Refactoring of 2.0.11.0 Build (code)	100%	Thu 6/12/08	Thu 6/19/08
86	OS	2.0.11.0:Testing	100%	Mon 6/23/08	Wed 6/25/08
87	OS	MMCR Prepared (v1.5.0.9)	100%	Thu 6/26/08	Thu 6/26/08
88	OS	Release (v1.5.0.9) to FAT/iTest	100%	Thu 6/26/08	Thu 6/26/08
89	OS	<b>Group/Opportunity Outage/OS Feature Pack 1 (v1.x.x.x)</b>	75%	Wed 6/25/08	Tue 3/24/09
90	OS	<b>Group</b>	100%	Fri 8/15/08	Fri 8/29/08
91	OS	<b>Development (Create, update, cancel &amp; ungroup)</b>	100%	Fri 8/15/08	Fri 8/29/08
92	OS	Resource/Transmission	100%	Fri 8/15/08	Fri 8/29/08
93	OS	Back-end work w/web svices	100%	Fri 8/15/08	Fri 8/29/08
94	OS	Unit Test	100%	Fri 8/15/08	Fri 8/29/08
95	OS	Group Outage MMCR Prepared	100%	Fri 8/15/08	Mon 8/18/08
96	OS	Group Outages Released to Pre-FAT	100%	Mon 8/18/08	Mon 8/18/08
97	OS	<b>Opportunity</b>	100%	Mon 9/15/08	Tue 11/25/08
98	OS	<b>Development (create, update, cancel, group &amp; ungroup)</b>	100%	Mon 9/15/08	Tue 11/25/08

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ID	Project Name	Task Name	% Complete	Start	Finish
99	OS	Resource/Transmission	100%	Mon 9/15/08	Wed 11/19/08
100	OS	Back-end work w/web services	100%	Wed 10/15/08	Fri 11/14/08
101	OS	Unit Test	100%	Thu 11/20/08	Tue 11/25/08
102	OS	Opportunity Outage MMCR Prepared	100%	Tue 11/25/08	Tue 11/25/08
103	OS	Opportunity Outages Released to Pre-FAT	100%	Tue 11/25/08	Tue 11/25/08
104	OS	<b>OS Feature Pack 1</b>	<b>46%</b>	<b>Wed 6/25/08</b>	<b>Tue 3/24/09</b>
105	OS	Design for additional features	100%	Wed 6/25/08	Wed 7/2/08
106	OS	<b>Development</b>	<b>99%</b>	<b>Mon 11/17/08</b>	<b>Wed 1/14/09</b>
107	OS	<b>    Tabs</b>	<b>99%</b>	<b>Mon 11/17/08</b>	<b>Wed 1/14/09</b>
108	OS	<b>    Warnings w/o Count</b>	<b>100%</b>	<b>Mon 11/17/08</b>	<b>Tue 12/16/08</b>
109	OS	OS FP 1: Resource/Transmission	100%	Mon 12/1/08	Fri 12/5/08
110	OS	OS FP 1: Back-end work w/web services	100%	Mon 11/17/08	Wed 12/3/08
111	OS	OS FP 1: Unit Test	100%	Mon 12/8/08	Mon 12/15/08
112	OS	OS FP 1: MMCR Prepared	100%	Mon 12/15/08	Mon 12/15/08
113	OS	OS FP 1 (Warnings) Released to Pre-FAT	100%	Tue 12/16/08	Tue 12/16/08
114	OS	<b>    OS Summary Enhancement (Custom Filtering, Actual Start/End)</b>	<b>99%</b>	<b>Tue 12/16/08</b>	<b>Wed 1/14/09</b>
115	OS	OS Summary Enhancement Resource/Transmission	100%	Tue 12/16/08	Tue 1/6/09
116	OS	OS Summary Enhancement Unit Test	100%	Wed 1/7/09	Wed 1/14/09
117	OS	OS Summary Enhancement MMCR Prepared	100%	Wed 1/14/09	Wed 1/14/09
118	OS	OS Summary Enhancement Releasee to Pre-FAT	10%	Wed 1/14/09	Wed 1/14/09
119	OS	<b>    Test</b>	<b>0%</b>	<b>Thu 1/15/09</b>	<b>Mon 2/16/09</b>
120	OS	OS FP 1: Installed into Pre-FAT	0%	Thu 1/15/09	Thu 1/15/09
121	OS	OS FP 1: Pre-FAT	0%	Fri 1/16/09	Wed 2/4/09
122	OS	OS FP 1: Regression Test	0%	Thu 2/5/09	Thu 2/12/09
123	OS	OS FP 1: Pre-FAT SPR's Corrected	0%	Fri 2/13/09	Mon 2/16/09
124	OS	<b>    FAT</b>	<b>0%</b>	<b>Tue 2/17/09</b>	<b>Tue 3/24/09</b>
125	OS	OS FP1 FAT Build & Installation	0%	Tue 2/17/09	Fri 2/20/09
126	OS	OS FP1 FAT	0%	Mon 2/23/09	Tue 3/24/09
127	OS	Deliver OS FP 1 to iTEST	0%	Tue 3/24/09	Tue 3/24/09
129	OS	Grp/Opp/FP1 FAT/iTest Complete	0%	Tue 3/24/09	Tue 3/24/09
130	OS	<b>    OS Feature Pack 2 (v1.x.x.x)</b>	<b>22%</b>	<b>Thu 12/4/08</b>	<b>Tue 4/28/09</b>
131	OS	<b>    OS Copy/Print/Export</b>	<b>51%</b>	<b>Thu 12/4/08</b>	<b>Tue 2/3/09</b>
132	OS	OS Copy/Print/Export Resource/Transmission	70%	Thu 1/15/09	Thu 1/22/09
133	OS	OS Copy/Print/Export Unit Test	0%	Fri 1/23/09	Fri 1/30/09
134	OS	OS Copy/Print/Export MMCR Prepared	0%	Mon 2/2/09	Mon 2/2/09

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ID	Project Name	Task Name	% Complete	Start	Finish
135	OS	OS Copy/Print/Export Released to Pre-FAT	0%	Tue 2/3/09	Tue 2/3/09
136	OS	OS Copy/Print/Export Back-end work w/web services	100%	Thu 12/4/08	Thu 12/11/08
137	<b>OS</b>	<b>OS Summary/Split Detail Screen (Second Window)</b>	<b>0%</b>	<b>Mon 2/2/09</b>	<b>Wed 2/11/09</b>
138	OS	OS Summary/Split Detail Screen (Second Window) Resource/Transmission	0%	Mon 2/2/09	Wed 2/4/09
139	OS	OS Summary/Split Detail Screen (Second Window) Unit Test	0%	Thu 2/5/09	Mon 2/9/09
140	OS	OS Summary/Split Detail Screen (Second Window) MMCR Prepared	0%	Tue 2/10/09	Tue 2/10/09
141	OS	OS Summary/Split Detail Screen (Second Window) Released to Pre-FAT	0%	Wed 2/11/09	Wed 2/11/09
142	<b>OS</b>	<b>OS Client-side Validation</b>	<b>46%</b>	<b>Fri 12/12/08</b>	<b>Thu 2/26/09</b>
143	OS	OS Client-side Validation Resource/Transmission	0%	Tue 2/10/09	Tue 2/17/09
144	OS	OS Client-side Validation Unit Test	0%	Wed 2/18/09	Wed 2/25/09
145	OS	OS Client-side Validation MMCR Prepared	0%	Thu 2/26/09	Thu 2/26/09
146	OS	OS Client-side Validation Released to Pre-FAT	0%	Thu 2/26/09	Thu 2/26/09
147	OS	OS Client-side Validation Back-end work w/web services	100%	Fri 12/12/08	Fri 1/9/09
148	<b>OS</b>	<b>Test</b>	<b>0%</b>	<b>Fri 2/27/09</b>	<b>Fri 3/20/09</b>
149	OS	OS FP 2 Installed into Pre-FAT	0%	Fri 2/27/09	Fri 2/27/09
150	OS	OS FP 2 Pre-FAT	0%	Mon 3/2/09	Mon 3/9/09
151	OS	OS FP 2 Regression	0%	Tue 3/10/09	Tue 3/17/09
152	OS	OS FP 2 SPR's Corrected & Tested	0%	Wed 3/18/09	Fri 3/20/09
153	<b>OS</b>	<b>FAT</b>	<b>0%</b>	<b>Mon 3/23/09</b>	<b>Tue 4/28/09</b>
154	OS	OS FP2 FAT Build & Installation	0%	Mon 3/23/09	Thu 3/26/09
155	OS	OS FP2 FAT	0%	Fri 3/27/09	Tue 4/28/09
156	OS	Deliver OS Feature Pack 2 to iTEST	0%	Tue 4/28/09	Tue 4/28/09
158	OS	Tomcat/Jboss Conversion	50%	Mon 1/12/09	Tue 2/24/09
159	OS	Performance Testing	0%	Wed 2/25/09	Thu 4/2/09
160	<b>OS</b>	<b>Integration</b>	<b>33%</b>	<b>Thu 10/30/08</b>	<b>Tue 4/28/09</b>
161	OS	Registration & Equipment list Synced with MMS	100%	Thu 10/30/08	Thu 10/30/08
162	OS	Zonal Outage Data Load	0%	Mon 3/2/09	Tue 3/3/09
163	OS	iTest Support Identified	0%	Tue 4/28/09	Tue 4/28/09
164	OS	EDS Support	0%	Tue 4/28/09	Tue 4/28/09
165	<b>OS</b>	<b>Post 2.1.0.0 / Pre 168-Hour Test</b>	<b>0%</b>	<b>Mon 3/9/09</b>	<b>Fri 4/10/09</b>
166	OS	OS 2.1.3.0 Defect Patch	0%	Mon 3/9/09	Fri 4/10/09
167	OS	Deliver OS 2.1.3.0 Defect Patch to iTEST	0%	Fri 4/10/09	Fri 4/10/09
169	<b>OS</b>	<b>Documentation</b>	<b>8%</b>	<b>Mon 6/2/08</b>	<b>Tue 5/19/09</b>
170	<b>OS</b>	<b>RUP Artifacts</b>	<b>7%</b>	<b>Mon 6/2/08</b>	<b>Tue 5/19/09</b>
171	OS	OS Requirements Document	100%	Mon 6/2/08	Mon 6/2/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
172	OS	OS Conceptual System Design Document	100%	Mon 6/2/08	Mon 6/2/08
173	OS	OS Detail Design Document	100%	Mon 6/2/08	Mon 6/2/08
174	OS	OS Use Cases	100%	Mon 6/2/08	Mon 6/2/08
175	OS	OS Test Plans, Cases, Scripts	100%	Mon 6/2/08	Mon 6/2/08
176	OS	OS Process Maps	100%	Mon 6/2/08	Mon 6/2/08
177	OS	OS Procedures	5%	Mon 1/12/09	Tue 3/3/09
178	<b>OS</b>	<b>Reviews &amp; Updates</b>	<b>1%</b>	<b>Mon 1/12/09</b>	<b>Tue 5/19/09</b>
179	OS	OS Requirements Coverage Assessment	5%	Mon 1/12/09	Fri 1/30/09
180	OS	OS Conceptual System Design Document Review	0%	Mon 2/2/09	Fri 2/20/09
181	OS	OS Detail Design Document Updates	0%	Mon 2/23/09	Fri 3/13/09
182	OS	OS Test Plans, Cases, Scripts Updates	0%	Mon 3/16/09	Fri 4/3/09
183	OS	OS EDS Document Reviews	0%	Wed 4/29/09	Tue 5/19/09
184	<b>OS</b>	<b>User Guides</b>	<b>9%</b>	<b>Mon 6/2/08</b>	<b>Tue 5/12/09</b>
185	OS	OS Requestor User Interface (RUI)	0%	Wed 4/29/09	Tue 5/12/09
186	OS	OS Operator User Interface (OUI)	100%	Mon 6/2/08	Mon 6/2/08
187	OS	OS Test Scripts for new Functionality Delivered	100%	Thu 6/12/08	Thu 6/12/08
188	OS	OS Operating Guide Delivered	100%	Mon 6/2/08	Mon 6/2/08
189	OS	Gather Requirements for System Monitoring Document	5%	Mon 1/12/09	Fri 1/23/09
190	OS	Support Completion of System Monitoring Document	0%	Mon 1/26/09	Fri 2/20/09
191	OS	Training - RUI	0%	Wed 4/29/09	Wed 4/29/09
192	OS	Training - MA	0%	Wed 4/29/09	Fri 5/1/09
193	<b>OS</b>	<b>Release management</b>	<b>0%</b>	<b>Mon 6/2/08</b>	<b>Tue 4/28/09</b>
194	<b>OS</b>	<b>OS Core</b>	<b>100%</b>	<b>Wed 6/25/08</b>	<b>Thu 12/4/08</b>
195	OS	Release 2.0.13.0	100%	Wed 6/25/08	Wed 6/25/08
196	OS	Release 2.1.0.0	100%	Thu 12/4/08	Thu 12/4/08
197	<b>OS</b>	<b>OS UI</b>	<b>0%</b>	<b>Mon 6/2/08</b>	<b>Tue 4/28/09</b>
198	OS	Release v1.3.0.6 Released to FAT	100%	Mon 6/2/08	Mon 6/2/08
199	OS	Release v1.4.0.8 Released to FAT	100%	Mon 6/2/08	Mon 6/2/08
200	OS	Release v1.5.0.9 Released to FAT	100%	Mon 6/2/08	Mon 6/2/08
201	OS	Release v1.x.x.x (OS FP-1 Warnings with Count) Released to FAT	100%	Tue 12/16/08	Tue 12/16/08
202	OS	Release v1.x.x.x (OS FP-1 Summary Enhancements, Copy/Print/Export, Summary/Split Released to FAT	0%	Thu 2/26/09	Thu 2/26/09
203	OS	Release v1.x.x.x (OS FP-2) Released to FAT	0%	Tue 4/28/09	Tue 4/28/09
204	OS	Interfaces Releases-Data Loads	5%	Mon 1/5/09	Fri 4/24/09
205	OS	Defect management	19%	Mon 6/2/08	Fri 3/27/09
206	<b>OS</b>	<b>Change Control</b>	<b>0%</b>	<b>Mon 3/30/09</b>	<b>Fri 4/24/09</b>

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
207	OS	Mimic Duns Tested & Implemented	0%	Mon 3/30/09	Fri 4/24/09
208	OS	OS Project End	0%	Tue 5/19/09	Tue 5/19/09
7	<b>Nodal IPS</b>	<b>CDR - Current Day Reporting</b>	<b>61%</b>	<b>Mon 6/2/08</b>	<b>Thu 3/12/09</b>
1	CDR	CDR Replan Start	100%	Mon 6/2/08	Mon 6/2/08
2	<b>CDR</b>	<b>Requirements &amp; Planning</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 8/15/08</b>
3	CDR	Draft DashBoard Specs	100%	Mon 6/2/08	Wed 6/11/08
5	CDR	Receive EMS Schema Info for CDR 3C Available from EMS	100%	Fri 8/8/08	Fri 8/8/08
7	CDR	Receive MMS Schema Info for CDR 3C Available from MMS	100%	Fri 8/8/08	Fri 8/8/08
8	CDR	CDR Report Specs - CDR 3C	100%	Fri 8/8/08	Fri 8/15/08
9	<b>CDR</b>	<b>Implementation</b>	<b>82%</b>	<b>Mon 6/2/08</b>	<b>Thu 2/19/09</b>
10	<b>CDR</b>	<b>Develop CDR 3B Reports</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 7/18/08</b>
11	CDR	CDR 3B Reports - Coding Completed	100%	Mon 6/2/08	Tue 6/10/08
12	CDR	CDR 3B Reports - Code Reviews Completed	100%	Wed 6/11/08	Wed 6/11/08
13	CDR	CDR 3B Reports - Unit Tests Completed (Test Results)	100%	Thu 6/12/08	Mon 6/16/08
14	CDR	Source System Data Available - CDR 3B Reports	100%	Mon 6/16/08	Mon 6/16/08
15	CDR	Migration Control Doc - CDR 3B Completed	100%	Mon 6/16/08	Mon 6/16/08
17	CDR	Receive CDR 3B Development Completed to MIS from EMS	100%	Fri 7/18/08	Fri 7/18/08
19	<b>CDR</b>	<b>Develop CDR 3C Reports / Enterprise App Features</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 10/28/08</b>
20	CDR	EMS Views/Tables/Data for CDR 3C Available in DEV	100%	Mon 8/11/08	Mon 8/11/08
21	CDR	MMS Views/Tables/Data for CDR 3C Available in DEV	100%	Mon 8/11/08	Mon 8/11/08
22	<b>CDR</b>	<b>CDR 3C Feature Development</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 10/28/08</b>
23	<b>CDR</b>	<b>CDR 3C Application Features</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 7/10/08</b>
24	<b>CDR</b>	<b>Analysis for MIS DashBoards &amp; ODS Access</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 7/10/08</b>
25	CDR	Analysis & POC of Dashboard DB Link	100%	Mon 6/2/08	Wed 6/11/08
26	CDR	Doc of POC for Future Implementation	100%	Thu 6/12/08	Wed 6/18/08
27	CDR	Dashboard POC Knowledge Transfer	100%	Thu 6/12/08	Wed 6/18/08
28	CDR	Investigate ODS Access	100%	Thu 6/19/08	Wed 7/2/08
29	CDR	Doc for Devs regarding ODS Access & Queries	100%	Thu 7/3/08	Thu 7/10/08
30	<b>CDR</b>	<b>CDR 3C Infrastructure Features</b>	<b>100%</b>	<b>Wed 7/30/08</b>	<b>Thu 9/4/08</b>
31	CDR	Failover	100%	Thu 7/31/08	Fri 8/8/08
32	CDR	Extract Engine Completion (Dev & Unit Test)	100%	Wed 7/30/08	Thu 9/4/08
33	<b>CDR</b>	<b>Direct Posting to MIR</b>	<b>100%</b>	<b>Mon 8/11/08</b>	<b>Wed 8/27/08</b>
34	CDR	Design	100%	Mon 8/11/08	Wed 8/13/08
35	CDR	Implementation	100%	Thu 8/14/08	Wed 8/20/08
36	CDR	Unit Testing	100%	Thu 8/21/08	Wed 8/27/08

Wed 1/14/09



ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
37	<b>CDR</b>	<b>CDR 3C Load Balancing Features</b>	<b>100%</b>	<b>Wed 7/30/08</b>	<b>Tue 9/9/08</b>
38	CDR	Design	100%	Wed 7/30/08	Fri 8/1/08
39	CDR	Load Balancing	100%	Thu 8/28/08	Thu 9/4/08
40	CDR	Unit Testing	100%	Fri 9/5/08	Tue 9/9/08
41	<b>CDR</b>	<b>CDR Web Services Analysis (WILL NEED TO ADD TASKS PER OUTCOME)</b>	<b>100%</b>	<b>Tue 7/1/08</b>	<b>Fri 8/15/08</b>
42	CDR	Resolution of Web Service Scope in CDR	100%	Tue 7/1/08	Tue 7/1/08
43	CDR	Analysis of CDR Web Services (Mapping EWS to MIR Reports)	100%	Mon 8/11/08	Fri 8/15/08
44	<b>CDR</b>	<b>CDR 3C Scheduled Reports</b>	<b>100%</b>	<b>Thu 8/21/08</b>	<b>Tue 10/28/08</b>
45	CDR	CDR 3C Reports - Coding Completed	100%	Thu 8/21/08	Thu 10/2/08
46	CDR	CDR 3C - Code Reviews Completed	100%	Fri 10/3/08	Wed 10/8/08
47	CDR	Fixes to CDR 3B Integration Testing Issues Completed	100%	Wed 10/8/08	Wed 10/8/08
48	CDR	CDR 3C - Final Unit Tests Completed (Test Results)	100%	Thu 10/9/08	Mon 10/13/08
51	CDR	Receive EMS Views/Tables/Data for CDR 3C Available in iTEST from EMS	100%	Thu 10/23/08	Thu 10/23/08
52	CDR	Migration Control Doc & Migration to iTEST - CDR 3C Completed	100%	Fri 10/24/08	Tue 10/28/08
53	CDR	Deliver CDR 3C Development Completed to MIS	100%	Tue 10/28/08	Tue 10/28/08
55	<b>CDR</b>	<b>Develop CDR 4.0 Enterprise App Features</b>	<b>55%</b>	<b>Mon 6/2/08</b>	<b>Thu 2/19/09</b>
56	<b>CDR</b>	<b>Report Reproducibility</b>	<b>95%</b>	<b>Wed 10/29/08</b>	<b>Mon 1/12/09</b>
57	CDR	Analysis & Design	100%	Wed 10/29/08	Mon 12/1/08
58	CDR	Application Service (to Reproduce Report)	100%	Tue 12/2/08	Wed 1/7/09
59	CDR	Unit Testing - Report Reproducibility Service	25%	Thu 1/8/09	Mon 1/12/09
60	<b>CDR</b>	<b>DB Failover/Recovery (DataGuard)</b>	<b>32%</b>	<b>Thu 12/11/08</b>	<b>Thu 2/19/09</b>
61	CDR	Updating TA Document	100%	Thu 12/11/08	Thu 12/11/08
62	CDR	Getting Approval from IT Manager	100%	Fri 12/12/08	Wed 12/17/08
63	CDR	CRQ - LPAR	50%	Thu 12/18/08	Thu 1/22/09
64	CDR	Storage Request	0%	Fri 1/23/09	Mon 2/2/09
65	CDR	Stand by Build	0%	Tue 2/3/09	Mon 2/16/09
66	CDR	Fail Over Test	0%	Tue 2/17/09	Thu 2/19/09
67	CDR	Fixes for Issues Found in Integration Testing	0%	Tue 1/13/09	Wed 1/14/09
68	CDR	Report Updates Reflecting MMS/EMS Schema Changes	0%	Tue 1/13/09	Wed 1/14/09
69	CDR	Developers - CDR Optimization	0%	Tue 1/13/09	Wed 1/14/09
70	CDR	Reports Development	0%	Tue 1/13/09	Wed 1/14/09
72	CDR	Receive Verification of Staging Table/Views & Data Population from MMS	100%	Tue 11/4/08	Tue 11/4/08
73	CDR	Final Unit Testing	0%	Thu 1/15/09	Fri 1/16/09
75	CDR	Receive Updated OS Views/Tables/Data for CDR Available in iTEST from OS	100%	Mon 6/2/08	Mon 6/2/08
77	CDR	Receive Updated EMS Views/Tables/Data for CDR Available in iTEST from EMS	0%	Fri 12/19/08	Fri 12/19/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
78	CDR	Migration Control Doc & Migration to iTEST - CDR 4.0 Completed	0%	Mon 1/19/09	Tue 1/20/09
79	CDR	CDR 4.0 Development Completed	0%	Tue 1/20/09	Tue 1/20/09
80	CDR	<b>Test</b>	<b>82%</b>	<b>Mon 6/2/08</b>	<b>Fri 1/23/09</b>
81	CDR	<b>FAT Testing - CDR 3A Reports</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 6/11/08</b>
82	CDR	FAT Testing - CDR 3A Reports	100%	Mon 6/2/08	Tue 6/10/08
83	CDR	FAT Test Results Completed - CDR 3A Reports	100%	Wed 6/11/08	Wed 6/11/08
84	CDR	<b>FAT Testing - CDR 3B Reports</b>	<b>100%</b>	<b>Mon 7/21/08</b>	<b>Fri 8/1/08</b>
85	CDR	FAT Testing - CDR 3B Reports	100%	Mon 7/21/08	Thu 7/31/08
86	CDR	FAT Test Results Completed - CDR 3B Reports	100%	Fri 8/1/08	Fri 8/1/08
87	CDR	<b>iTEST Testing - CDR 3C Reports &amp; Enterprise App Features</b>	<b>100%</b>	<b>Tue 9/23/08</b>	<b>Fri 10/31/08</b>
88	CDR	CDR Test Cases Completed	100%	Tue 9/23/08	Wed 10/15/08
89	CDR	iTEST Test Scripts for Reports	100%	Fri 10/3/08	Fri 10/17/08
90	CDR	iTEST Test Scripts for Load Balancing	100%	Mon 10/20/08	Fri 10/31/08
91	CDR	Deliver CDR 3C to iTEST	100%	Fri 10/31/08	Fri 10/31/08
93	CDR	<b>iTEST Testing - CDR 4.0 Enterprise App Features</b>	<b>0%</b>	<b>Thu 1/15/09</b>	<b>Fri 1/23/09</b>
94	CDR	CDR Test Cases Completed	0%	Thu 1/15/09	Wed 1/21/09
95	CDR	iTEST Test Scripts	0%	Thu 1/15/09	Fri 1/23/09
96	CDR	Deliver CDR 4.0 to iTEST	0%	Fri 1/23/09	Fri 1/23/09
98	CDR	<b>Deployment</b>	<b>0%</b>	<b>Thu 6/19/08</b>	<b>Thu 3/12/09</b>
99	CDR	Deliver CDR 3A to EDS 4 (Austin), Release 9.5	100%	Thu 6/19/08	Thu 6/19/08
100	CDR	Deliver CDR 3B to EDS Taylor (iTEST)	100%	Fri 8/1/08	Fri 8/1/08
101	CDR	<b>CDR User Guide</b>	<b>0%</b>	<b>Wed 1/21/09</b>	<b>Tue 2/10/09</b>
102	CDR	User Guide Draft	0%	Wed 1/21/09	Tue 2/3/09
103	CDR	User Guide Review	0%	Wed 2/4/09	Fri 2/6/09
104	CDR	User Guide Completed	0%	Mon 2/9/09	Tue 2/10/09
105	CDR	<b>CDR Operations Guide (includes SLA)</b>	<b>0%</b>	<b>Wed 1/21/09</b>	<b>Tue 2/24/09</b>
106	CDR	Operations Guide Draft	0%	Wed 1/21/09	Tue 2/17/09
107	CDR	Operations Guide Review	0%	Wed 2/18/09	Fri 2/20/09
108	CDR	Operations Guide Completed	0%	Mon 2/23/09	Tue 2/24/09
109	CDR	<b>CDR Reference Guide</b>	<b>0%</b>	<b>Wed 1/21/09</b>	<b>Thu 3/12/09</b>
110	CDR	Reference Guide Draft	0%	Wed 1/21/09	Tue 2/10/09
111	CDR	Reference Guide Review	0%	Wed 2/11/09	Tue 3/10/09
112	CDR	Reference Guide Completed	0%	Wed 3/11/09	Thu 3/12/09
113	CDR	<b>Training &amp; Transition</b>	<b>0%</b>	<b>Wed 1/21/09</b>	<b>Wed 2/18/09</b>
114	CDR	Train Home Team on Supporting / Enhancing CDR	0%	Wed 1/21/09	Tue 2/17/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
115	CDR	Provide Content for Training to Training Organization	0%	Wed 1/21/09	Tue 2/17/09
116	CDR	User Training	0%	Wed 2/18/09	Wed 2/18/09
117	CDR	CDR Project End	0%	Thu 3/12/09	Thu 3/12/09
8	<b>Nodal IPS</b>	<b>EDW - Enterprise Data Warehouse</b>	<b>37%</b>	<b>Mon 6/2/08</b>	<b>Mon 9/13/10</b>
1	<b>EDW</b>	<b>Nodal EDW Project</b>	<b>37%</b>	<b>Mon 6/2/08</b>	<b>Mon 9/13/10</b>
2	EDW	EDW Replan Start	100%	Mon 6/2/08	Mon 6/2/08
3	<b>EDW</b>	<b>EDW Deliveries</b>	<b>100%</b>	<b>Wed 10/14/09</b>	<b>Wed 10/14/09</b>
4	EDW	Deliver EDW Reports & Extracts for MIS Build 11 to MIS	100%	Wed 10/14/09	Wed 10/14/09
6	<b>EDW</b>	<b>EDW 1A (EDW ITEST)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 9/5/08</b>
7	<b>EDW</b>	<b>Infrastructure</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 7/1/08</b>
8	EDW	One quarter's worth of data in ITEST available	100%	Mon 6/2/08	Tue 7/1/08
9	<b>EDW</b>	<b>State estimator &amp; telemetry reporting &amp; extracts</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 9/5/08</b>
10	<b>EDW</b>	<b>State estimator extracts</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 8/28/08</b>
11	<b>EDW</b>	<b>State estimator monthly statistics extract</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 8/27/08</b>
12	EDW	Migrated to ITEST for testing	100%	Mon 6/2/08	Tue 6/3/08
13	EDW	Testing Support (defect fixes, refactoring)	100%	Tue 7/15/08	Wed 8/20/08
14	EDW	Deliver Extracts made available to MIS	100%	Wed 8/20/08	Wed 8/20/08
15	EDW	INT & UAT approval in ITEST	100%	Thu 8/21/08	Wed 8/27/08
16	EDW	State estimator monthly statistics extract complete	100%	Wed 8/27/08	Wed 8/27/08
17	<b>EDW</b>	<b>State Estimator Data Mart</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 8/28/08</b>
18	EDW	Migrated to ITEST for testing	100%	Mon 6/2/08	Tue 6/3/08
19	EDW	Testing Support (defect fixes, refactoring)	100%	Tue 7/15/08	Thu 8/21/08
20	EDW	INT & UAT approval in ITEST	100%	Fri 8/22/08	Thu 8/28/08
21	EDW	State estimator data mart complete	100%	Thu 8/28/08	Thu 8/28/08
22	<b>EDW</b>	<b>State Estimator Reports</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 9/5/08</b>
23	EDW	Migrated to ITEST for testing	100%	Mon 6/2/08	Tue 6/3/08
24	EDW	Testing Support (defect fixes, refactoring)	100%	Tue 7/15/08	Thu 8/21/08
25	EDW	Deliver Reports made available to MIS	100%	Thu 8/21/08	Thu 8/21/08
27	EDW	Business approval	100%	Fri 8/22/08	Fri 9/5/08
28	EDW	Report(s) complete in ITEST	100%	Fri 9/5/08	Fri 9/5/08
29	EDW	EDW 1A complete	100%	Fri 9/5/08	Fri 9/5/08
30	<b>EDW</b>	<b>EDW 1B (EDW ITEST)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 9/9/08</b>
31	<b>EDW</b>	<b>PI Staging</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 8/4/08</b>
32	EDW	Migrate PI staging into ITEST for testing	100%	Mon 6/2/08	Mon 6/2/08
33	EDW	Testing Support (defect fixes, refactoring)	100%	Tue 7/1/08	Mon 8/4/08

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ID	Project Name	Task Name	% Complete	Start	Finish
34	EDW	PI Staging Complete	100%	Mon 8/4/08	Mon 8/4/08
35	EDW	<b>Telemetry Data Mart</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 8/5/08</b>
36	EDW	Migrate data mart into ITEST for Testing	100%	Mon 6/2/08	Tue 6/3/08
37	EDW	Testing Support (defect fixes, refactoring)	100%	Wed 7/2/08	Tue 8/5/08
38	EDW	Telemetry Data Mart Complete	100%	Tue 8/5/08	Tue 8/5/08
39	EDW	<b>Telemetry Reports</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 9/9/08</b>
40	EDW	<b>Reports that need one month's data in ITEST</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 8/22/08</b>
41	EDW	Migrate into ITEST for Testing	100%	Mon 6/2/08	Tue 6/3/08
42	EDW	Testing Support (defect fixes, refactoring)	100%	Tue 7/15/08	Fri 8/8/08
43	EDW	Reports available to MIS	100%	Fri 8/8/08	Fri 8/8/08
44	EDW	Business approval	100%	Mon 8/11/08	Fri 8/22/08
45	EDW	Telemetry Reports (month's data) complete	100%	Fri 8/22/08	Fri 8/22/08
46	EDW	<b>Reports that need one quarter's data in ITEST</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 9/9/08</b>
47	EDW	Migrate into ITEST for Testing	100%	Mon 6/2/08	Tue 6/3/08
48	EDW	Testing Support (defect fixes, refactoring)	100%	Tue 7/15/08	Mon 8/25/08
49	EDW	Reports available to MIS	100%	Mon 8/25/08	Mon 8/25/08
50	EDW	Business approval	100%	Tue 8/26/08	Tue 9/9/08
51	EDW	Telemetry Reports (quarter's data) complete	100%	Tue 9/9/08	Tue 9/9/08
52	EDW	Telemetry Reports Complete	100%	Tue 9/9/08	Tue 9/9/08
53	EDW	EDW 1B Complete	100%	Tue 9/9/08	Tue 9/9/08
54	EDW	<b>EDW 1C (EDW ITEST)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 10/23/08</b>
55	EDW	<b>Dimensional Maintenance Tool (DMT) - EDW ITEST</b>	<b>100%</b>	<b>Fri 7/11/08</b>	<b>Fri 8/15/08</b>
56	EDW	Migrate into ITEST for testing	100%	Fri 7/11/08	Thu 8/7/08
57	EDW	Testing Support (defect fixes, refactoring)	100%	Wed 7/16/08	Fri 8/8/08
58	EDW	Business Approval	100%	Mon 8/11/08	Fri 8/15/08
59	EDW	Dimensional Maint. Tool Complete	100%	Fri 8/15/08	Fri 8/15/08
60	EDW	<b>Replication</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 7/16/08</b>
61	EDW	<b>EMS replication: EMS EDS to EDW ITEST (Phase 2)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 7/16/08</b>
62	EDW	install target system replication into ITEST for testing	100%	Mon 6/2/08	Fri 6/6/08
64	EDW	Receive EMS Replication patch from EMS	100%	Tue 6/10/08	Tue 6/10/08
65	EDW	Testing Support (defect fixes)	100%	Wed 6/11/08	Wed 7/9/08
66	EDW	Business Approval	100%	Thu 7/10/08	Wed 7/16/08
67	EDW	EMS (Phase 2) replication complete	100%	Wed 7/16/08	Wed 7/16/08
68	EDW	<b>Dynamic Report Posting Solution</b>	<b>100%</b>	<b>Mon 6/23/08</b>	<b>Thu 10/23/08</b>
69	EDW	Design & Develop DRP	100%	Mon 6/23/08	Mon 8/4/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
70	EDW	Migrate DRP into ITEST	100%	Thu 9/4/08	Thu 9/11/08
71	EDW	Testing Support (defect fixes, refactoring)	100%	Fri 9/12/08	Thu 10/9/08
72	EDW	Business Approval	100%	Fri 10/10/08	Thu 10/23/08
73	EDW	Dynamic Report Posting Solution Complete	100%	Thu 10/23/08	Thu 10/23/08
74	EDW	EDW 1C Complete	100%	Thu 10/23/08	Thu 10/23/08
75	EDW	<b>EDW 2B (EDW ITEST)</b>	<b>73%</b>	<b>Fri 6/13/08</b>	<b>Thu 3/12/09</b>
76	EDW	<b>Replication</b>	<b>100%</b>	<b>Fri 6/13/08</b>	<b>Tue 9/23/08</b>
77	EDW	<b>CRR replication: CRR EDS to EDW ITEST (Phase 2)</b>	<b>100%</b>	<b>Fri 6/13/08</b>	<b>Tue 9/23/08</b>
79	EDW	Receive CRR Source System Data ready from CRR	100%	Fri 6/13/08	Fri 6/13/08
80	EDW	Developing replication tables	100%	Tue 7/8/08	Thu 7/31/08
81	EDW	Migrate tables into ITEST	100%	Fri 8/1/08	Mon 8/4/08
82	EDW	Testing Support (bug fix, refactoring, etc.)	100%	Tue 8/5/08	Tue 9/9/08
83	EDW	CRR Replication Business Approval	100%	Wed 9/10/08	Tue 9/23/08
84	EDW	CRR Replication complete	100%	Tue 9/23/08	Tue 9/23/08
85	EDW	<b>COMS Shadow Settlements Extracts</b>	<b>50%</b>	<b>Mon 6/16/08</b>	<b>Thu 3/5/09</b>
86	EDW	Testing Support (bug fix, refactoring, etc.) for available data	100%	Mon 6/16/08	Mon 7/21/08
87	EDW	Business Approval	100%	Tue 7/15/08	Mon 7/21/08
88	EDW	Receive data agg. Data needed from COMS	0%	Fri 1/23/09	Fri 1/23/09
89	EDW	Deliver Data Agg to iTEST	0%	Fri 1/23/09	Fri 1/23/09
91	EDW	Re-Testing Support for re-test of data with correct data (bug fixes, refactoring)	0%	Fri 1/23/09	Thu 2/19/09
92	EDW	Extracts available to MIS	0%	Thu 2/19/09	Thu 2/19/09
93	EDW	Business Approval	0%	Fri 2/20/09	Thu 3/5/09
94	EDW	COMS Shadow Settlement Extracts Complete	0%	Thu 3/5/09	Thu 3/5/09
95	EDW	<b>Lodestar Parser</b>	<b>100%</b>	<b>Mon 6/16/08</b>	<b>Tue 9/2/08</b>
96	EDW	Testing (bug fix, refactoring, etc.)	100%	Mon 6/16/08	Mon 7/21/08
97	EDW	Business Approval	100%	Tue 7/15/08	Mon 7/21/08
98	EDW	COMS data agg. Data needed	100%	Mon 7/21/08	Mon 7/21/08
99	EDW	Re-Testing Support for re-test of data with correct data (bug fixes, refactoring)	100%	Tue 7/22/08	Mon 8/18/08
100	EDW	Business Approval	100%	Tue 8/19/08	Tue 9/2/08
101	EDW	Lodestar parser complete in ITEST	100%	Tue 10/14/08	Tue 10/14/08
102	EDW	<b>Trigger Mechanism</b>	<b>46%</b>	<b>Mon 6/16/08</b>	<b>Thu 3/12/09</b>
103	EDW	Testing (bug fix, refactoring, etc.)	100%	Mon 6/16/08	Mon 7/21/08
104	EDW	Business Approval	100%	Tue 7/15/08	Mon 7/21/08
105	EDW	COMS data agg. Data needed	0%	Fri 1/23/09	Fri 1/23/09
106	EDW	Re-Testing Support for re-test of data with correct data (bug fixes, refactoring)	0%	Fri 1/23/09	Thu 2/26/09

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ID	Project Name	Task Name	% Complete	Start	Finish
107	EDW	Business Approval	0%	Fri 2/27/09	Thu 3/12/09
108	EDW	Trigger Mechanism complete in ITEST	0%	Thu 3/12/09	Thu 3/12/09
109	EDW	EDW 2B Complete	0%	Thu 3/12/09	Thu 3/12/09
110	EDW	<b>EDW-MIS</b>	<b>0%</b>	<b>Fri 3/13/09</b>	<b>Fri 3/27/09</b>
112	EDW	Deliver MIS extract scheduler interface build to iTEST	0%	Fri 3/13/09	Fri 3/13/09
114	EDW	Set up DDM interfacing with extract scheduler & Rework (still discussing on who has this)	0%	Mon 3/16/09	Fri 3/27/09
115	EDW	EDW-MIS Complete	0%	Fri 3/27/09	Fri 3/27/09
116	EDW	<b>EDW-MMS</b>	<b>17%</b>	<b>Tue 7/22/08</b>	<b>Mon 9/13/10</b>
117	EDW	<b>MMS Release 1</b>	<b>17%</b>	<b>Wed 10/1/08</b>	<b>Thu 5/7/09</b>
119	EDW	Receive MMS RSS source available from MMS	100%	Wed 10/1/08	Wed 10/1/08
120	EDW	<b>MMS EDS to EDW ITEST (Phase 1) Replicaton</b>	<b>38%</b>	<b>Wed 10/1/08</b>	<b>Thu 2/12/09</b>
121	EDW	MMS Source environment ready	100%	Wed 10/1/08	Wed 10/1/08
122	EDW	MMS Phase 1 Replication Bundle Development	100%	Thu 10/2/08	Wed 10/15/08
123	EDW	Migrate MMS Phase 1 Replication to iTest	100%	Thu 10/16/08	Mon 10/20/08
124	EDW	Deliver Migrated MMS Phase 1 Replication to iTEST	100%	Mon 10/20/08	Mon 10/20/08
126	EDW	MMS 4 Replication Testing Support (bug fix, refactoring, etc.)	0%	Thu 1/15/09	Thu 2/12/09
127	EDW	MMS replication complete	0%	Thu 2/12/09	Thu 2/12/09
128	EDW	<b>MMS Extract (NP6-584-ER Security Violations &amp; Binding Transmission Constraints)</b>	<b>43%</b>	<b>Wed 10/22/08</b>	<b>Fri 4/3/09</b>
130	EDW	Receive MMS4_P5: DEV Build & Test from MMS	100%	Wed 10/22/08	Wed 10/22/08
131	EDW	MMS Source system data available	100%	Thu 10/23/08	Fri 10/31/08
132	EDW	Design & Develop extracts	100%	Mon 11/3/08	Mon 11/17/08
133	EDW	Unit test	50%	Tue 11/18/08	Wed 2/18/09
134	EDW	Development Complete ready for iTEST (App. Support Mat. & Trg)	0%	Thu 2/19/09	Fri 2/20/09
135	EDW	Deliver Migrated extract into ITEST (App. Support Mat. & Trg)	0%	Fri 2/20/09	Fri 2/20/09
137	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Mon 2/23/09	Fri 3/13/09
138	EDW	Re-Testing Support	0%	Mon 3/16/09	Fri 3/27/09
139	EDW	Extract available to MIS	0%	Fri 3/27/09	Fri 3/27/09
140	EDW	Business verification/approval	0%	Mon 3/30/09	Fri 4/3/09
141	EDW	MMS Extract complete in ITEST	0%	Fri 4/3/09	Fri 4/3/09
142	EDW	<b>MMS (Section 8) COP Report</b>	<b>2%</b>	<b>Fri 10/31/08</b>	<b>Thu 4/16/09</b>
143	EDW	MMS Source system data available	100%	Fri 10/31/08	Fri 10/31/08
144	EDW	Reporting requirements approved and/or updated	5%	Mon 11/3/08	Mon 1/19/09
145	EDW	Design & Develop (tech spec, report, test cases)	0%	Tue 1/20/09	Tue 2/3/09
146	EDW	Test report - DEV	0%	Wed 2/4/09	Tue 2/24/09
147	EDW	Migrate report into FAT	0%	Wed 2/25/09	Thu 2/26/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
148	EDW	Test & receive approval of report in FAT	0%	Fri 2/27/09	Thu 3/12/09
149	EDW	Migrate extract into ITEST (App. Support Mat. & Trg)	0%	Fri 3/13/09	Thu 3/19/09
150	EDW	Deliver Migrated COP Extract into ITEST (App. Support Mat. & Trg)	0%	Thu 3/19/09	Thu 3/19/09
152	EDW	Testing Support (bug fixes & re-factoring)	0%	Fri 3/20/09	Thu 4/9/09
153	EDW	Report available to MIS	0%	Thu 4/9/09	Thu 4/9/09
154	EDW	Business verification/approval	0%	Fri 4/10/09	Thu 4/16/09
155	EDW	COP Report Complete	0%	Thu 4/16/09	Thu 4/16/09
156	EDW	<b>MMS (Section 8) RUC Report</b>	<b>2%</b>	<b>Fri 10/31/08</b>	<b>Thu 5/7/09</b>
157	EDW	MMS Source system data available	100%	Fri 10/31/08	Fri 10/31/08
158	EDW	Reporting requirements approved and/or updated	5%	Mon 11/3/08	Mon 1/19/09
159	EDW	Design & Develop (tech spec, report, test cases)	0%	Tue 1/20/09	Tue 2/3/09
160	EDW	Test report - DEV	0%	Wed 2/4/09	Tue 2/24/09
161	EDW	Migrate report into FAT	0%	Wed 2/25/09	Thu 2/26/09
162	EDW	Test & receive approval of report in FAT	0%	Fri 2/27/09	Thu 3/12/09
163	EDW	Migrate extract into ITEST (App. Support Mat. & Trg)	0%	Fri 3/13/09	Thu 3/19/09
164	EDW	Deliver Migrated RUC extract into ITEST (App. Support Mat. & Trg)	0%	Thu 3/19/09	Thu 3/19/09
166	EDW	Testing Support (bug fixes & re-factoring)	0%	Fri 3/20/09	Thu 4/30/09
167	EDW	Report available to MIS	0%	Thu 4/30/09	Thu 4/30/09
168	EDW	Business verification/approval	0%	Fri 5/1/09	Thu 5/7/09
169	EDW	RUC Report Complete	0%	Thu 5/7/09	Thu 5/7/09
170	EDW	MMS Release 1 Complete	0%	Thu 5/7/09	Thu 5/7/09
171	EDW	<b>MMS Release 2</b>	<b>17%</b>	<b>Tue 7/22/08</b>	<b>Mon 9/13/10</b>
172	EDW	<b>MMS Phase 2 Replication</b>	<b>0%</b>	<b>Thu 5/28/09</b>	<b>Mon 9/13/10</b>
174	EDW	Receive MMS source system environment ready from MMS	0%	Thu 5/28/09	Thu 5/28/09
175	EDW	business requirements approved	0%	Fri 5/29/09	Mon 6/8/09
176	EDW	Create/ install source system bundle in FAT	0%	Tue 6/9/09	Mon 6/22/09
177	EDW	Create/ install target system bundle in FAT	0%	Tue 6/23/09	Tue 7/7/09
178	EDW	Test replication in FAT	0%	Wed 7/8/09	Tue 7/21/09
179	EDW	Development Complete ready for iTEST - MMS Phase 2 Replication	0%	Wed 7/22/09	Tue 7/28/09
180	EDW	Deliver Migrated Phase 2 Replication to iTEST	0%	Tue 7/28/09	Tue 7/28/09
182	EDW	install source system replication	0%	Wed 7/29/09	Tue 8/4/09
183	EDW	install target system replication	0%	Wed 8/5/09	Tue 8/11/09
184	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Wed 8/12/09	Fri 9/11/09
185	EDW	Post MMS 5 (Patches 1..8) Testing Support (refactoring etc)	0%	Mon 9/14/09	Mon 9/13/10
186	EDW	MMS (Phase 2) replication complete	0%	Mon 9/13/10	Mon 9/13/10

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ID	Project Name	Task Name	% Complete	Start	Finish
187	EDW	<b>MMS NPPRR102 Extracts (Normal-already have data available)</b>	<b>22%</b>	<b>Tue 7/22/08</b>	<b>Thu 8/13/09</b>
188	EDW	Receive MMS Source System Data replication available from MMS	0%	Thu 5/28/09	Thu 5/28/09
189	EDW	TPTF approval	100%	Tue 7/22/08	Mon 8/4/08
190	EDW	<b>Extracts Release 1 (9 Extracts)</b>	<b>56%</b>	<b>Tue 8/5/08</b>	<b>Tue 4/28/09</b>
191	EDW	Reporting requirements defined/approved	100%	Tue 8/5/08	Fri 9/12/08
192	EDW	Design & develop extract	100%	Mon 9/15/08	Fri 10/10/08
193	EDW	Test extracts & receive approval - DEV	100%	Mon 10/13/08	Tue 10/28/08
194	EDW	Migrate extracts into FAT	100%	Wed 10/29/08	Wed 10/29/08
195	EDW	Test extracts in FAT	100%	Thu 10/30/08	Thu 10/30/08
196	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 1	0%	Fri 2/20/09	Tue 2/24/09
197	EDW	Deliver Migrated Extracts Release 1 to iTEST	0%	Tue 2/24/09	Tue 2/24/09
199	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Wed 2/25/09	Tue 4/7/09
200	EDW	Extracts available to MIS	0%	Tue 4/7/09	Tue 4/7/09
201	EDW	Business verification/approval	0%	Wed 4/8/09	Tue 4/28/09
202	EDW	<b>Extracts Release 2 (3 Extracts)</b>	<b>63%</b>	<b>Mon 9/15/08</b>	<b>Wed 4/29/09</b>
203	EDW	Reporting requirements & support	100%	Mon 9/15/08	Wed 10/15/08
204	EDW	Design & develop extract	100%	Thu 10/16/08	Fri 11/14/08
205	EDW	Test extract & receive approval - DEV	100%	Mon 11/17/08	Mon 11/24/08
206	EDW	Migrate extract into FAT	100%	Tue 11/25/08	Wed 12/10/08
207	EDW	Test extract in FAT	100%	Thu 12/11/08	Wed 12/17/08
208	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 2	100%	Thu 12/18/08	Fri 12/19/08
209	EDW	Deliver Migrated Extracts Release 2 to iTEST	100%	Fri 12/19/08	Fri 12/19/08
211	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Thu 3/5/09	Wed 4/15/09
212	EDW	Extracts available to MIS	0%	Wed 4/15/09	Wed 4/15/09
213	EDW	Business verification/approval	0%	Thu 4/16/09	Wed 4/29/09
214	EDW	<b>Extracts Release 3A (5 Extracts)</b>	<b>43%</b>	<b>Thu 10/16/08</b>	<b>Wed 7/15/09</b>
215	EDW	Aggregation Calculations	90%	Thu 10/16/08	Mon 1/5/09
216	EDW	Reporting requirements & support	90%	Thu 10/16/08	Mon 1/5/09
217	EDW	Design & develop extract	0%	Tue 1/6/09	Fri 1/30/09
218	EDW	Test extract & receive approval - DEV	0%	Mon 2/2/09	Fri 2/13/09
219	EDW	Migrate extract into FAT	0%	Mon 2/16/09	Fri 2/20/09
220	EDW	Test extract in FAT	0%	Mon 2/23/09	Fri 3/6/09
221	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 3A	0%	Mon 3/9/09	Wed 3/11/09
222	EDW	Deliver Migrated Extracts Release 3 to iTEST	0%	Wed 3/11/09	Wed 3/11/09
224	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Tue 5/5/09	Tue 6/16/09

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ID	Project Name	Task Name	% Complete	Start	Finish
225	EDW	Extracts available to MIS	0%	Tue 6/16/09	Tue 6/16/09
226	EDW	Business verification/approval	0%	Wed 6/17/09	Wed 7/15/09
227	<b>EDW</b>	<b>Extracts Release 3B (5 Extracts)</b>	<b>0%</b>	<b>Tue 1/6/09</b>	<b>Wed 7/15/09</b>
228	EDW	Aggregation Calculations	0%	Tue 1/6/09	Mon 1/19/09
229	EDW	Reporting requirements & support	0%	Tue 1/6/09	Mon 1/19/09
230	EDW	Design & develop extract	0%	Tue 1/20/09	Tue 2/17/09
231	EDW	Test extract & receive approval - DEV	0%	Wed 2/18/09	Tue 3/3/09
232	EDW	Migrate extract into FAT	0%	Wed 3/4/09	Tue 3/10/09
233	EDW	Test extract in FAT	0%	Wed 3/11/09	Tue 3/24/09
234	EDW	Migrate extract into ITEST	0%	Wed 3/25/09	Fri 3/27/09
235	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 3B	0%	Fri 3/27/09	Fri 3/27/09
236	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Tue 5/5/09	Tue 6/16/09
237	EDW	Extracts available to MIS	0%	Tue 6/16/09	Tue 6/16/09
238	EDW	Business verification/approval	0%	Wed 6/17/09	Wed 7/15/09
239	<b>EDW</b>	<b>Extracts Release 4 (4 Extracts)</b>	<b>0%</b>	<b>Tue 1/20/09</b>	<b>Mon 6/1/09</b>
240	EDW	Aggregation Calculations	0%	Tue 1/20/09	Mon 2/2/09
241	EDW	Reporting requirements & support	0%	Tue 1/20/09	Mon 2/2/09
242	EDW	Design & develop extract	0%	Tue 2/3/09	Mon 2/16/09
243	EDW	Test extract & receive approval - DEV	0%	Tue 2/17/09	Wed 3/4/09
244	EDW	Migrate extract into FAT	0%	Thu 3/5/09	Mon 3/9/09
245	EDW	Test extract in FAT	0%	Tue 3/10/09	Thu 3/19/09
246	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 4	0%	Fri 3/20/09	Tue 3/24/09
247	EDW	Deliver Migrated Extracts Release 4 to iTEST	0%	Tue 3/24/09	Tue 3/24/09
249	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Mon 4/6/09	Fri 5/15/09
250	EDW	Extracts available to MIS	0%	Fri 5/15/09	Fri 5/15/09
251	EDW	Business verification/approval	0%	Mon 5/18/09	Mon 6/1/09
252	<b>EDW</b>	<b>Extracts Release 5 (6 Extracts)</b>	<b>0%</b>	<b>Thu 2/19/09</b>	<b>Wed 8/5/09</b>
254	EDW	Receive MMS4 P7: Installation in DEV & Smoke Test Complete from MMS	0%	Thu 2/19/09	Thu 2/19/09
255	EDW	Aggregation Calculations	0%	Fri 2/20/09	Thu 3/12/09
256	EDW	Reporting requirements & support	0%	Fri 2/20/09	Thu 3/12/09
257	EDW	Design & develop extract	0%	Fri 3/13/09	Mon 3/30/09
258	EDW	Test extract & receive approval - DEV	0%	Tue 3/31/09	Wed 4/15/09
259	EDW	Migrate extract into FAT	0%	Thu 4/16/09	Mon 4/20/09
260	EDW	Test extract in FAT	0%	Tue 4/21/09	Wed 5/6/09
261	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 5	0%	Thu 5/7/09	Mon 5/11/09

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ID	Project Name	Task Name	% Complete	Start	Finish
262	EDW	Deliver Migrated Extracts Release 5 to iTEST	0%	Mon 5/11/09	Mon 5/11/09
264	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Fri 5/29/09	Tue 6/30/09
265	EDW	MMS Patch or enhancement is needed for completion (if needed)	0%	Tue 6/30/09	Tue 6/30/09
266	EDW	Re-testing Support	0%	Wed 7/1/09	Wed 7/15/09
267	EDW	Extracts available to MIS	0%	Wed 7/15/09	Wed 7/15/09
268	EDW	Business verification/approval	0%	Thu 7/16/09	Wed 8/5/09
269	<b>EDW</b>	<b>Extracts Release 6 (4 Extracts)</b>	<b>0%</b>	<b>Fri 3/13/09</b>	<b>Thu 8/6/09</b>
270	EDW	Aggregation Calculations	0%	Fri 3/13/09	Thu 4/9/09
271	EDW	Reporting requirements & support	0%	Fri 3/13/09	Thu 4/9/09
272	EDW	Design & develop extract	0%	Fri 4/10/09	Tue 4/28/09
273	EDW	Test extract & receive approval - DEV	0%	Wed 4/29/09	Fri 5/8/09
274	EDW	Migrate extract into FAT	0%	Mon 5/11/09	Fri 5/15/09
275	EDW	Test extract in FAT	0%	Mon 5/18/09	Wed 6/3/09
276	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 6	0%	Thu 6/4/09	Mon 6/8/09
277	EDW	Deliver Migrated Extracts Release 6 to iTEST	0%	Mon 6/8/09	Mon 6/8/09
279	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Tue 6/9/09	Thu 7/9/09
280	EDW	MMS Patch or enhancement is needed for completion (if needed)	0%	Thu 7/9/09	Thu 7/9/09
281	EDW	Re-testing Support	0%	Fri 7/10/09	Thu 7/23/09
282	EDW	Extracts available to MIS	0%	Thu 7/23/09	Thu 7/23/09
283	EDW	Business verification/approval	0%	Fri 7/24/09	Thu 8/6/09
284	<b>EDW</b>	<b>Extracts Release 7 (12 Extracts)</b>	<b>0%</b>	<b>Tue 2/3/09</b>	<b>Thu 8/13/09</b>
285	EDW	Aggregation Calculations	0%	Tue 2/3/09	Mon 2/16/09
286	EDW	Reporting requirements & support	0%	Tue 2/3/09	Mon 2/16/09
287	EDW	Design & develop extract	0%	Tue 2/17/09	Mon 3/16/09
288	EDW	Test extract & receive approval - DEV	0%	Tue 3/17/09	Mon 3/30/09
289	EDW	Migrate extract into FAT	0%	Tue 3/31/09	Wed 4/1/09
290	EDW	Test extract in FAT	0%	Thu 4/2/09	Wed 4/15/09
291	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 7	0%	Thu 4/16/09	Mon 4/20/09
292	EDW	Deliver Migrated Extracts Release 7 to iTEST	0%	Mon 4/20/09	Mon 4/20/09
294	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Fri 6/5/09	Mon 7/20/09
295	EDW	MMS Patch or enhancement is needed for completion (if needed)	0%	Mon 7/20/09	Mon 7/20/09
296	EDW	Re-testing Support	0%	Mon 7/20/09	Mon 7/20/09
297	EDW	Extracts available to MIS	0%	Thu 7/23/09	Thu 7/23/09
298	EDW	Business verification/approval	0%	Fri 7/24/09	Thu 8/13/09
299	EDW	MMS-NPPRR102 Release Complete	0%	Thu 8/13/09	Thu 8/13/09

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ID	Project Name	Task Name	% Complete	Start	Finish
300	EDW	MMS Release 2 Complete	0%	Thu 8/13/09	Thu 8/13/09
301	EDW	EDW-MMS Complete	0%	Thu 8/13/09	Thu 8/13/09
302	EDW	EDW-OS	14%	Thu 10/2/08	Fri 5/8/09
303	EDW	Release 1	14%	Thu 10/2/08	Fri 5/8/09
305	EDW	Receive OS deployed in EDS (expected 7/15/08) from OS	100%	Thu 11/13/08	Thu 11/13/08
306	EDW	OS replication: OS EDS to EDW ITEST	46%	Thu 10/2/08	Wed 2/4/09
307	EDW	OS Source environment ready	100%	Mon 11/17/08	Mon 11/17/08
308	EDW	Business Requirements Approved	100%	Thu 10/2/08	Thu 10/2/08
309	EDW	Source System Replication Installed	100%	Mon 11/17/08	Wed 11/19/08
310	EDW	target system replication installed	90%	Mon 12/1/08	Mon 12/15/08
311	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Thu 1/15/09	Wed 1/28/09
312	EDW	Business Approval	0%	Thu 1/29/09	Wed 2/4/09
313	EDW	Deliver OS replication complete to iTEST	0%	Wed 2/4/09	Wed 2/4/09
315	EDW	Outage Scheduler Reports	0%	Wed 2/4/09	Fri 5/8/09
316	EDW	OS Source system replication complete	0%	Wed 2/4/09	Wed 2/4/09
317	EDW	Pre-Migration Testing	0%	Wed 2/4/09	Wed 2/4/09
318	EDW	Development Complete ready for iTEST - OS Reports	0%	Thu 2/5/09	Thu 3/5/09
319	EDW	Deliver Migrated Extracts (Outage Scheduler Reports) to iTEST	0%	Thu 3/5/09	Thu 3/5/09
321	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Fri 3/6/09	Thu 4/2/09
322	EDW	OS patch/enhancement needed for completion (if needed)	0%	Fri 4/3/09	Thu 4/16/09
323	EDW	Re-Testing Support	0%	Fri 4/17/09	Fri 5/1/09
324	EDW	Reports available to MIS	0%	Fri 5/1/09	Fri 5/1/09
325	EDW	Business verification/approval	0%	Mon 5/4/09	Fri 5/8/09
326	EDW	Outage Scheduler Reports Complete	0%	Fri 5/8/09	Fri 5/8/09
327	EDW	OS Release 1 Complete	0%	Fri 5/8/09	Fri 5/8/09
328	EDW	EDW-OS Complete	0%	Fri 5/8/09	Fri 5/8/09
329	EDW	EDW-EMS	10%	Mon 12/15/08	Mon 9/14/09
330	EDW	Release 1	10%	Mon 12/15/08	Mon 9/14/09
331	EDW	EMS Ph 3 replication: EMS EDS to EDW ITEST	0%	Mon 12/15/08	Fri 5/1/09
333	EDW	Receive Phase 3 Source Environment from EMS	100%	Mon 12/15/08	Mon 12/15/08
334	EDW	EMS Phase 3 Source environment ready	1%	Tue 12/16/08	Fri 2/27/09
335	EDW	business requirements approved	0%	Mon 3/2/09	Mon 3/2/09
336	EDW	source system replication installed	0%	Tue 3/3/09	Mon 3/16/09
337	EDW	target system replication installed	0%	Thu 4/9/09	Wed 4/22/09
338	EDW	Replication Testing Support (bug fix, refactoring, etc.)	0%	Thu 4/23/09	Fri 5/1/09

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
339	EDW	Deliver EMS replication complete to iTEST	0%	Fri 5/1/09	Fri 5/1/09
341	EDW	<b>Additional EMS Reports</b>	<b>35%</b>	<b>Mon 12/15/08</b>	<b>Fri 7/10/09</b>
342	EDW	Receive EMS Source (Dynamically Adjusted Transmission Elements, RTCA, Capacity Factors ) System data from EM	100%	Mon 12/15/08	Mon 12/15/08
343	EDW	Reporting requirements approved and/or updated	100%	Tue 12/16/08	Mon 3/2/09
344	EDW	Design & Develop (tech spec, report, test cases)	0%	Tue 3/3/09	Wed 3/11/09
345	EDW	Test & receive approval of report - DEV	0%	Thu 3/12/09	Wed 3/25/09
346	EDW	Migrate report into FAT	0%	Thu 3/26/09	Fri 3/27/09
347	EDW	Test & receive approval of report in FAT	0%	Mon 3/30/09	Wed 4/8/09
348	EDW	Development Complete ready for iTEST - Additional EMS Reports	0%	Thu 4/23/09	Mon 4/27/09
349	EDW	Deliver Additional EMS Migrated Reports to iTEST	0%	Mon 4/27/09	Mon 4/27/09
351	EDW	Testing Support	0%	Tue 4/28/09	Tue 5/26/09
352	EDW	EMS patch/enhancement needed for completion (if needed)	0%	Wed 5/27/09	Tue 6/9/09
353	EDW	Re-Testing Support	0%	Wed 6/10/09	Thu 6/18/09
354	EDW	Reports available to MIS	0%	Thu 6/18/09	Thu 6/18/09
355	EDW	Business approval	0%	Fri 6/19/09	Fri 7/10/09
356	EDW	<b>Voltage Residuals Vs. Telemetry for Critical Busses (NP3-582-ER) Report</b>	<b>0%</b>	<b>Tue 1/6/09</b>	<b>Mon 3/30/09</b>
358	EDW	Receive Interface 7 Release from EMS	0%	Tue 1/6/09	Tue 1/6/09
359	EDW	Voltage Residual Rpt Requirements Updated	0%	Wed 1/14/09	Tue 1/27/09
360	EDW	Voltage Residual Rpt Pre Migration Testing	0%	Wed 1/28/09	Tue 2/10/09
361	EDW	Development Complete ready for iTEST - Voltage Residual Report	0%	Wed 2/11/09	Fri 2/13/09
362	EDW	Deliver Voltage Residual Migrated Report to iTEST	0%	Fri 2/13/09	Fri 2/13/09
364	EDW	Voltage Residual RptTesting Report	0%	Mon 2/16/09	Mon 3/16/09
365	EDW	Voltage Residual Rpt Reports Available to MIS	0%	Mon 3/16/09	Mon 3/16/09
366	EDW	Voltage Residual Rpt Buisness Approval	0%	Tue 3/17/09	Mon 3/30/09
367	EDW	<b>NP6-654-ER Total Regulation Report</b>	<b>0%</b>	<b>Mon 1/5/09</b>	<b>Tue 3/17/09</b>
369	EDW	Receive Source System Data - EMS corrected data from EMS	0%	Mon 1/5/09	Mon 1/5/09
370	EDW	NP6-654-ER Report Refactor	0%	Thu 1/15/09	Fri 1/23/09
371	EDW	Development Complete ready for iTEST - NP6-654-ER Total Regulation Report	0%	Mon 1/26/09	Tue 1/27/09
372	EDW	Deliver NP6-654-ER Total Regulation Report to iTEST	0%	Tue 1/27/09	Tue 1/27/09
374	EDW	Testing Support (defect fixes, refactoring, etc.)	0%	Wed 1/28/09	Tue 3/3/09
375	EDW	Report available to MIS	0%	Tue 3/3/09	Tue 3/3/09
376	EDW	Business approval	0%	Wed 3/4/09	Tue 3/17/09
377	EDW	Total Regulation Report Complete	0%	Tue 3/17/09	Tue 3/17/09
378	EDW	EMS Report Complete	0%	Fri 7/10/09	Fri 7/10/09
379	EDW	<b>Other Section 8 Reports</b>	<b>0%</b>	<b>Mon 2/23/09</b>	<b>Mon 9/14/09</b>

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
381	EDW	Receive EMS Section 8 Source Data Available from EMS	0%	Mon 2/23/09	Mon 2/23/09
382	EDW	Reporting requirements approved and/or updated	0%	Tue 2/24/09	Mon 3/16/09
383	EDW	Create tech spec, develop & post report, & write test cases	0%	Tue 3/17/09	Mon 4/13/09
384	EDW	Test report - DEV	0%	Tue 4/14/09	Wed 4/29/09
385	EDW	Migrate report into FAT	0%	Thu 4/30/09	Wed 5/6/09
386	EDW	Test report & receive approval from Business in FAT	0%	Thu 5/7/09	Fri 5/8/09
387	EDW	Development Complete ready for iTEST - other Section 8 Reports	0%	Mon 5/11/09	Fri 5/15/09
388	EDW	Deliver Other Section 8 Migrated Reports to iTEST	0%	Fri 5/15/09	Fri 5/15/09
390	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Mon 5/18/09	Tue 7/14/09
391	EDW	EMS Patch/enhancement needed for completion (if needed)	0%	Wed 7/15/09	Tue 7/28/09
392	EDW	Re-Testing Support	0%	Wed 7/29/09	Fri 7/31/09
393	EDW	Reports available to MIS	0%	Fri 7/31/09	Fri 7/31/09
394	EDW	Business verification/approval	0%	Mon 8/3/09	Mon 9/14/09
395	EDW	Section 8 reports complete	0%	Mon 9/14/09	Mon 9/14/09
396	EDW	EMS Release 1 Complete	0%	Mon 9/14/09	Mon 9/14/09
397	EDW	EDW-EMS Complete	0%	Mon 9/14/09	Mon 9/14/09
398	EDW	<b>EDW-CMM</b>	<b>0%</b>	<b>Fri 1/9/09</b>	<b>Fri 5/15/09</b>
399	EDW	<b>CMM Release 1</b>	<b>0%</b>	<b>Fri 1/9/09</b>	<b>Fri 5/15/09</b>
401	EDW	Receive CMM deployed in iTest from COMS	0%	Fri 1/9/09	Fri 1/9/09
402	EDW	<b>CMM replication: CMM EDS to EDW ITEST</b>	<b>0%</b>	<b>Fri 1/9/09</b>	<b>Fri 5/15/09</b>
403	EDW	Source environment ready	0%	Fri 1/9/09	Fri 1/9/09
404	EDW	source system replication installed	0%	Thu 3/12/09	Wed 3/25/09
405	EDW	target system replication installed	0%	Thu 3/26/09	Wed 4/8/09
406	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Thu 4/9/09	Fri 5/8/09
407	EDW	Business Approval	0%	Mon 5/11/09	Fri 5/15/09
408	EDW	CMM replication complete	0%	Fri 5/15/09	Fri 5/15/09
409	EDW	Deliver CMM Release 1 Complete to iTEST	0%	Fri 5/15/09	Fri 5/15/09
411	EDW	EDW CMM Complete	0%	Fri 5/15/09	Fri 5/15/09
412	EDW	<b>EDW-COMS</b>	<b>54%</b>	<b>Mon 6/2/08</b>	<b>Fri 5/8/09</b>
413	EDW	<b>COMS Release 1</b>	<b>54%</b>	<b>Mon 6/2/08</b>	<b>Fri 5/8/09</b>
414	EDW	<b>COMS Extracts -Non Shadow Settlement</b>	<b>59%</b>	<b>Mon 6/2/08</b>	<b>Fri 5/8/09</b>
415	EDW	COMS extracts data available	100%	Mon 6/2/08	Mon 6/2/08
416	EDW	Review Business Requirements	100%	Wed 7/9/08	Wed 8/6/08
417	EDW	Design & Develop extracts	100%	Thu 8/7/08	Mon 9/29/08
418	EDW	Unit test	100%	Tue 9/30/08	Wed 10/1/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
419	EDW	Migrate extract into ITEST	100%	Thu 10/2/08	Mon 11/3/08
420	EDW	Deliver Migrated COMS Extract to iTEST	100%	Mon 11/3/08	Mon 11/3/08
422	EDW	Testing Support (bug fix, refactoring, etc.)	42%	Thu 10/2/08	Fri 5/1/09
423	EDW	Re-Testing Support	0%	Fri 4/17/09	Fri 5/1/09
424	EDW	Extracts available to MIS	0%	Fri 5/1/09	Fri 5/1/09
425	EDW	Business verification/approval (of re-testing of Shadow & Non-Shadow Settlements Extracts)	0%	Mon 5/4/09	Fri 5/8/09
426	EDW	COMS Extracts Complete	0%	Fri 5/8/09	Fri 5/8/09
427	EDW	<b>COMS Web Services</b>	<b>48%</b>	<b>Mon 6/2/08</b>	<b>Fri 5/8/09</b>
428	EDW	COMS Web Services source data available	100%	Mon 6/2/08	Mon 6/2/08
429	EDW	Extracts requirements approved	100%	Mon 6/2/08	Tue 6/3/08
430	EDW	Design & Develop extracts	100%	Thu 7/31/08	Fri 9/12/08
431	EDW	Unit test	100%	Mon 9/15/08	Fri 9/19/08
432	EDW	Migrate extract into ITEST	100%	Tue 9/30/08	Wed 10/1/08
433	EDW	Deliver Migrated COMS Web Services Extract to iTEST	100%	Wed 10/1/08	Wed 10/1/08
435	EDW	Testing Support (bug fix, refactoring, etc.)	42%	Thu 10/2/08	Fri 5/1/09
436	EDW	COMS patch/enhancement needed for completion (if needed)	0%	Mon 4/20/09	Fri 5/1/09
437	EDW	Re-Testing Support	0%	Mon 4/20/09	Fri 5/1/09
438	EDW	Extracts available to MIS	0%	Fri 5/1/09	Fri 5/1/09
439	EDW	Business verification/approval	0%	Mon 5/4/09	Fri 5/8/09
440	EDW	Web Services Complete	0%	Fri 5/8/09	Fri 5/8/09
441	EDW	COMS Release 1 Complete	0%	Fri 5/8/09	Fri 5/8/09
442	EDW	<b>EDW-Siebel</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/22/08</b>
443	EDW	<b>Siebel Release 1</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/22/08</b>
444	EDW	<b>Siebel replication Phase 4: Siebel ITEST to EDW ITEST</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/22/08</b>
445	EDW	Siebel Source environment ready	100%	Mon 6/2/08	Mon 6/2/08
446	EDW	source system replication installed	100%	Mon 6/2/08	Fri 6/13/08
447	EDW	target system replication installed	100%	Mon 6/16/08	Fri 6/27/08
448	EDW	Testing Support (bug fix, refactoring, etc.)	100%	Mon 6/30/08	Thu 10/16/08
449	EDW	Business Approval	100%	Fri 10/17/08	Wed 10/22/08
450	EDW	Siebel replication Ph 4 complete	100%	Wed 10/22/08	Wed 10/22/08
451	EDW	Deliver Siebel Release 1 Complete to iTEST	100%	Wed 10/22/08	Wed 10/22/08
453	EDW	<b>EDW-Lodestar</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/22/08</b>
454	EDW	<b>Lodstar replication: Lodestar PR00LOD to PR00ISM</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 10/9/08</b>
455	EDW	ITEST Zonal L* schema built with 4.7	100%	Mon 6/2/08	Wed 6/18/08
456	EDW	COMS Zonal L* Source environment ready	100%	Wed 8/27/08	Wed 8/27/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
457	EDW	source system replication installed	100%	Thu 8/28/08	Thu 9/25/08
458	EDW	target system replication installed	100%	Fri 9/26/08	Thu 10/2/08
459	EDW	Production Verification	100%	Fri 10/3/08	Thu 10/9/08
460	EDW	Zonal Lodestar replication complete	100%	Thu 10/9/08	Thu 10/9/08
461	EDW	<b>NDLSTAR replication: Lodestar PR00LOD to PR00ISM</b>	<b>100%</b>	<b>Tue 9/30/08</b>	<b>Wed 10/22/08</b>
462	EDW	COMS Nodal L* Source environment ready	100%	Tue 9/30/08	Tue 9/30/08
463	EDW	source system replication installed	100%	Fri 10/10/08	Wed 10/15/08
464	EDW	target system replication installed	100%	Thu 10/16/08	Mon 10/20/08
465	EDW	Production Verification	100%	Tue 10/21/08	Wed 10/22/08
466	EDW	NODAL Lodestar replication complete	100%	Wed 10/22/08	Wed 10/22/08
467	EDW	EDW-Lodestar Complete	100%	Wed 10/22/08	Wed 10/22/08
468	EDW	<b>EDW-EIP</b>	<b>0%</b>	<b>Fri 1/9/09</b>	<b>Thu 5/14/09</b>
469	EDW	<b>Notices Database Replication</b>	<b>0%</b>	<b>Fri 1/9/09</b>	<b>Thu 5/14/09</b>
470	EDW	Receive Source system environment ready from EIP	0%	Fri 1/9/09	Fri 1/9/09
471	EDW	business requirements approved	0%	Fri 1/16/09	Thu 2/5/09
472	EDW	Develop & unit test replication bundle in DEV	0%	Fri 2/6/09	Mon 3/9/09
473	EDW	Migrate to FAT	0%	Tue 3/10/09	Thu 3/12/09
474	EDW	Test replication in FAT	0%	Fri 3/13/09	Thu 3/19/09
475	EDW	Development Complete ready for iTEST - Notices Database Replication	0%	Fri 3/20/09	Thu 3/26/09
476	EDW	Deliver Migrated Notices Database Replication to iTEST	0%	Thu 3/26/09	Thu 3/26/09
478	EDW	Testing Support (bug fix, refactoring, etc.)	0%	Fri 3/27/09	Thu 5/7/09
479	EDW	Business verification/approval	0%	Fri 5/8/09	Thu 5/14/09
480	EDW	Notices Database replication complete	0%	Thu 5/14/09	Thu 5/14/09
481	EDW	EDW-EIP Complete	0%	Thu 5/14/09	Thu 5/14/09
482	EDW	<b>MID/MIR Initiative</b>	<b>72%</b>	<b>Mon 6/2/08</b>	<b>Fri 3/27/09</b>
483	EDW	<b>MID/MIR (Issue fixes) - Release 1</b>	<b>72%</b>	<b>Mon 6/2/08</b>	<b>Fri 3/27/09</b>
484	EDW	Development & Unit test	100%	Mon 6/2/08	Fri 10/24/08
485	EDW	Integration test	100%	Mon 10/27/08	Wed 12/17/08
486	EDW	Migrate to ITEST	100%	Thu 12/18/08	Fri 12/19/08
487	EDW	Deliver Migrated MID/MIR (Issue fixes) - Release 1 to iTEST	100%	Fri 12/19/08	Fri 12/19/08
489	EDW	Testing Support (bug fixes & re-factoring)	8%	Mon 1/5/09	Fri 3/13/09
490	EDW	Business Approval	0%	Mon 3/16/09	Fri 3/27/09
491	EDW	MID/MIR Release 1 Complete	0%	Fri 3/27/09	Fri 3/27/09
492	EDW	MID/MIR Initiative Complete	0%	Fri 3/27/09	Fri 3/27/09
493	EDW	<b>EDW Release Support</b>	<b>30%</b>	<b>Tue 8/5/08</b>	<b>Mon 8/31/09</b>

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
494	EDW	Replication Support	40%	Tue 8/5/08	Tue 8/11/09
495	EDW	Reports/Extracts Support	18%	Tue 11/4/08	Mon 8/31/09
496	<b>EDW</b>	<b>Security Integration</b>	<b>0%</b>	<b>Mon 5/4/09</b>	<b>Mon 6/15/09</b>
497	EDW	APEX	0%	Mon 5/4/09	Mon 6/15/09
498	EDW	Cognos	0%	Mon 5/4/09	Mon 6/15/09
499	EDW	App Security	0%	Mon 5/4/09	Mon 6/15/09
500	EDW	EDW Project End	0%	Mon 9/13/10	Mon 9/13/10
9	<b>Nodal IPS</b>	<b>MIS - Market Information System</b>	<b>68%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/14/09</b>
1	MIS	MIS Replan Start	100%	Mon 6/2/08	Mon 6/2/08
2	MIS	MIS Build 6 Complete	100%	Mon 6/2/08	Mon 6/2/08
3	<b>MIS</b>	<b>MIS Build 7</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/22/08</b>
4	MIS	MIS 7 Build Start	100%	Mon 6/2/08	Mon 6/2/08
5	<b>MIS</b>	<b>Finalize Requirements For Build 7</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 8/28/08</b>
6	<b>MIS</b>	<b>CDR</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/20/08</b>
7	MIS	CDR000 Available	100%	Mon 6/2/08	Mon 6/2/08
9	MIS	Receive 3B Development from CDR	100%	Mon 6/2/08	Mon 6/2/08
10	MIS	Annual Competitive Constraints	100%	Mon 6/16/08	Fri 6/20/08
11	MIS	Monthly Competitive Constraints	100%	Mon 6/2/08	Fri 6/6/08
12	MIS	Suspended Competitive Constraints	100%	Mon 6/2/08	Fri 6/6/08
13	MIS	Temperature Adjusted Dynamic Ratings	100%	Mon 6/2/08	Fri 6/6/08
14	MIS	Peaker Net Margin & System-Wide Offer Cap	100%	Mon 6/2/08	Fri 6/6/08
15	MIS	Dynamic Rating Deviation Data	100%	Mon 6/2/08	Fri 6/6/08
16	MIS	Topology Consistency	100%	Mon 6/2/08	Fri 6/6/08
17	MIS	Transformer Flows, Voltages & Tap Position	100%	Mon 6/2/08	Fri 6/6/08
18	MIS	LMPs by Resource Node	100%	Mon 6/2/08	Fri 6/6/08
19	MIS	Settlement Point Prices at Hubs & Load Zones	100%	Mon 6/2/08	Fri 6/6/08
20	<b>MIS</b>	<b>MIS</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 8/28/08</b>
21	MIS	MIS Header Links (ercot.com, TML, Contact)	100%	Mon 6/2/08	Fri 6/6/08
24	MIS	Receive Reports & Extract from EDW	100%	Mon 6/2/08	Mon 6/2/08
25	MIS	All State Estimator Reports & Extracts Page	100%	Fri 8/22/08	Thu 8/28/08
26	MIS	Active Public Links (to ercot.com) throughout MIS	100%	Mon 6/2/08	Fri 6/6/08
27	MIS	Groups & Rules Landing page (with active links)	100%	Mon 6/2/08	Fri 6/6/08
28	MIS	Reports Landing Page (Alpha list of all Reports)	100%	Mon 6/2/08	Fri 6/6/08
29	MIS	Notification Portlet	100%	Mon 6/2/08	Fri 6/6/08
30	<b>MIS</b>	<b>EDW</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 6/19/08</b>



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ID	Project Name	Task Name	% Complete	Start	Finish
31	MIS	EDW DATA 31 available	100%	Mon 6/2/08	Mon 6/2/08
32	MIS	ICCP Link Availability Statistics Report	100%	Fri 6/13/08	Thu 6/19/08
33	MIS	Monthly Market Participant Real Time Availability Statistics Report	100%	Fri 6/13/08	Thu 6/19/08
34	<b>MIS</b>	<b>Development</b>	<b>100%</b>	<b>Wed 8/20/08</b>	<b>Wed 9/17/08</b>
35	MIS	Develop Build 7 Specific Items	100%	Wed 8/20/08	Wed 9/17/08
36	MIS	Create Release Notes For Build 7	100%	Wed 8/20/08	Thu 8/21/08
37	MIS	Unit Test Finished Build 7	100%	Wed 8/20/08	Thu 8/21/08
38	MIS	Fix Identified Bugs From Unit Testing	100%	Wed 8/20/08	Thu 8/21/08
39	MIS	Create Unit Test Log	100%	Wed 8/20/08	Thu 8/21/08
40	MIS	Update Properties & Folder IDs for ITest	100%	Wed 8/20/08	Thu 8/21/08
41	MIS	Create MIS Build 7 Package & Load Into CVS	100%	Wed 8/20/08	Thu 8/21/08
42	MIS	Create PPM Deployment Package	100%	Wed 8/20/08	Thu 8/21/08
43	MIS	Get Business Signoff For Build 7	100%	Wed 8/20/08	Thu 8/21/08
44	MIS	Get Testing Permission To Enter ITest	100%	Wed 8/20/08	Thu 8/21/08
45	MIS	Update Testing Scope / Test Scripts For Build 7	100%	Wed 8/20/08	Thu 8/21/08
46	<b>MIS</b>	<b>ITest</b>	<b>100%</b>	<b>Wed 8/20/08</b>	<b>Wed 8/27/08</b>
47	MIS	Deploy Build to ITest via PPM Tool	100%	Wed 8/20/08	Thu 8/21/08
48	MIS	ITest Testing For Build	100%	Wed 8/20/08	Wed 8/27/08
49	MIS	Review Bugs Identified In ITest	100%	Wed 8/20/08	Thu 8/21/08
50	MIS	Fix ITest Identified Bugs	100%	Wed 8/20/08	Fri 8/22/08
51	MIS	Create New Build With Bug Fixes & Load into CVS	100%	Wed 8/20/08	Thu 8/21/08
52	MIS	Update Release Notes & Test Scripts For Build 7.1	100%	Wed 8/20/08	Thu 8/21/08
53	MIS	Deploy Build 7.1 to ITest	100%	Wed 8/20/08	Thu 8/21/08
54	MIS	ITest Testing for Build 7.1	100%	Wed 8/20/08	Thu 8/21/08
55	MIS	Meet ITest Exit Criteria	100%	Wed 8/20/08	Thu 8/21/08
56	<b>MIS</b>	<b>EDS - Active</b>	<b>100%</b>	<b>Tue 10/14/08</b>	<b>Wed 10/22/08</b>
57	MIS	Update Properties & Folder IDs for EDS - Active	100%	Tue 10/14/08	Tue 10/14/08
58	MIS	Create MIS Build 7.1 Package For EDS - Active & Load into CVS	100%	Wed 10/15/08	Wed 10/15/08
59	MIS	Deploy MIS Build 7.1 To EDS - Active	100%	Thu 10/16/08	Thu 10/16/08
60	MIS	Smoke Test Build 7.1 in EDS - Active	100%	Fri 10/17/08	Fri 10/17/08
61	MIS	Fix Bugs Identified in EDS - Active	100%	Mon 10/20/08	Mon 10/20/08
62	MIS	Create Build 7.2	100%	Tue 10/21/08	Tue 10/21/08
63	MIS	Deploy Build 7.2 in EDS - Austin	100%	Wed 10/22/08	Wed 10/22/08
64	<b>MIS</b>	<b>EDS - Taylor</b>	<b>100%</b>	<b>Wed 8/20/08</b>	<b>Thu 8/21/08</b>
65	MIS	Update Properties & Folder IDs for EDS - Taylor	100%	Wed 8/20/08	Thu 8/21/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
66	MIS	Deploy MIS Build 7.2 To EDS - Taylor	100%	Wed 8/20/08	Thu 8/21/08
67	MIS	MIS Build 7 Complete	100%	Fri 8/22/08	Fri 8/22/08
68	MIS	<b>MIS Build 8</b>	<b>100%</b>	<b>Wed 6/4/08</b>	<b>Wed 9/24/08</b>
70	MIS	MIS Build 8 Start	100%	Wed 6/4/08	Wed 6/4/08
71	MIS	<b>Development</b>	<b>100%</b>	<b>Wed 8/20/08</b>	<b>Wed 9/24/08</b>
72	MIS	Develop Build 8 Specific Items	100%	Wed 8/20/08	Tue 9/16/08
73	MIS	Create Release Notes For Build 8	100%	Wed 9/17/08	Wed 9/17/08
74	MIS	Unit Test Finished Build 8	100%	Wed 9/17/08	Wed 9/17/08
75	MIS	Fix Identified Bugs From Unit Testing	100%	Thu 9/18/08	Thu 9/18/08
76	MIS	Create Unit Test Log	100%	Fri 9/19/08	Fri 9/19/08
77	MIS	Update Properties & Folder IDs for ITest	100%	Fri 9/19/08	Fri 9/19/08
78	MIS	Create MIS Build 8 Package & Load Into CVS	100%	Fri 9/19/08	Fri 9/19/08
79	MIS	Deliver PPM Deployment Package to MPIM	100%	Mon 9/22/08	Mon 9/22/08
81	MIS	Get Business Signoff For Build 8	100%	Mon 9/22/08	Mon 9/22/08
82	MIS	Get Testing Permission To Enter ITest	100%	Tue 9/23/08	Tue 9/23/08
83	MIS	Update Testing Scope / Test Scripts For Build 8	100%	Wed 9/24/08	Wed 9/24/08
84	MIS	<b>ITest</b>	<b>100%</b>	<b>Fri 8/22/08</b>	<b>Fri 9/12/08</b>
85	MIS	Deliver Deployed Build to ITest via PPM Tool	100%	Fri 8/22/08	Fri 8/22/08
87	MIS	ITest Testing For Build	100%	Tue 8/26/08	Tue 9/2/08
88	MIS	Review Bugs Identified In ITest	100%	Wed 9/3/08	Wed 9/3/08
89	MIS	Fix ITest Identified Bugs	100%	Thu 9/4/08	Fri 9/5/08
90	MIS	Create New Build With Bug Fixes & Load into CVS	100%	Mon 9/8/08	Mon 9/8/08
91	MIS	Update Release Notes & Test Scripts For Build 8.1	100%	Tue 9/9/08	Tue 9/9/08
92	MIS	Deploy Build 8.1 to ITest	100%	Wed 9/10/08	Wed 9/10/08
93	MIS	ITest Testing for Build 8.1	100%	Thu 9/11/08	Thu 9/11/08
94	MIS	Meet ITest Exit Criteria	100%	Fri 9/12/08	Fri 9/12/08
95	MIS	MIS Build 8 Complete	100%	Wed 9/24/08	Wed 9/24/08
96	MIS	<b>MIS Build 9</b>	<b>100%</b>	<b>Mon 8/25/08</b>	<b>Fri 11/14/08</b>
97	MIS	MIS Build 9 Start	100%	Mon 8/25/08	Mon 8/25/08
98	MIS	<b>Finalize Requirements For Build 9</b>	<b>100%</b>	<b>Mon 8/25/08</b>	<b>Fri 8/29/08</b>
99	MIS	COMMS Reports	100%	Mon 8/25/08	Fri 8/29/08
100	MIS	<b>Development</b>	<b>100%</b>	<b>Mon 9/1/08</b>	<b>Wed 11/5/08</b>
101	MIS	Develop Build 9 Specific Items	100%	Mon 9/1/08	Tue 10/14/08
102	MIS	Unit Test Finished Build 9	100%	Tue 10/21/08	Wed 10/22/08
103	MIS	Fix Identified Bugs From Unit Testing	100%	Thu 10/23/08	Thu 10/23/08

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
104	MIS	<b>Close-out Dev &amp; Prepare for iTest</b>	100%	Fri 10/17/08	Wed 11/5/08
105	MIS	Create Release Notes For Build 9	100%	Thu 10/23/08	Fri 10/24/08
106	MIS	Create Unit Test Log	100%	Thu 10/23/08	Fri 10/24/08
107	MIS	Update Properties & Folder IDs for ITest	100%	Fri 10/17/08	Mon 10/20/08
108	MIS	Create MIS Build 9 Package & Load Into CVS	100%	Fri 10/17/08	Mon 10/20/08
109	MIS	Create PPM Deployment Package	100%	Fri 10/17/08	Mon 10/20/08
110	MIS	Get Business Signoff For Build 9	100%	Tue 10/21/08	Tue 10/21/08
111	MIS	Get Testing Permission To Enter ITest	100%	Thu 10/23/08	Fri 10/24/08
112	MIS	Update Testing Scope / Test Scripts For Build 9	100%	Thu 10/30/08	Wed 11/5/08
113	MIS	<b>ITest</b>	100%	Wed 11/5/08	Fri 11/14/08
114	MIS	Deliver Deployed Build to ITest via PPM Tool	100%	Wed 11/5/08	Wed 11/5/08
116	MIS	ITest Testing For Build (see note)	100%	Thu 11/6/08	Fri 11/14/08
117	MIS	MIS Build 9 Complete	100%	Fri 11/14/08	Fri 11/14/08
119	MIS	<b>MIS Build 10</b>	82%	Tue 10/28/08	Fri 2/6/09
120	MIS	MIS Build 10 Start	100%	Mon 11/3/08	Mon 11/3/08
121	MIS	<b>Finalize Requirements For Build 10</b>	100%	Tue 10/28/08	Fri 11/21/08
122	MIS	Outage Scheduler Reports	100%	Mon 11/3/08	Fri 11/21/08
123	MIS	EMS Reports	100%	Mon 11/3/08	Fri 11/21/08
124	MIS	MMS Reports	100%	Mon 11/3/08	Fri 11/21/08
125	MIS	COMMS Reports	100%	Mon 11/3/08	Fri 11/21/08
127	MIS	Receive 3C Development Reports from CDR	100%	Tue 10/28/08	Tue 10/28/08
128	MIS	CDR Reports	100%	Mon 11/3/08	Fri 11/21/08
129	MIS	Other Reports	100%	Mon 11/3/08	Fri 11/21/08
130	MIS	<b>Development For Build 10</b>	66%	Mon 11/24/08	Wed 1/21/09
131	MIS	Develop Build 10 Specific Items	100%	Mon 11/24/08	Fri 1/9/09
132	MIS	Create View By Protocol Links & Update Content for Build 10	100%	Mon 1/12/09	Wed 1/14/09
133	MIS	Create Release Notes For Build 10	0%	Mon 1/12/09	Tue 1/13/09
134	MIS	Add Portal Components to Build 10	0%	Mon 1/12/09	Mon 1/12/09
135	MIS	Unit Test Finished Build 10	0%	Tue 1/13/09	Wed 1/14/09
136	MIS	Fix Identified Bugs From Unit Testing	0%	Thu 1/15/09	Thu 1/15/09
137	MIS	Create Unit Test Log	0%	Fri 1/16/09	Fri 1/16/09
138	MIS	Update Properties & Folder IDs for ITest	0%	Fri 1/16/09	Fri 1/16/09
139	MIS	Create MIS Build 10 Package & Load Into CVS	0%	Mon 1/19/09	Mon 1/19/09
140	MIS	Create PPM Deployment Package	0%	Tue 1/20/09	Tue 1/20/09
141	MIS	Get Business Signoff For Build 10	0%	Mon 1/19/09	Mon 1/19/09

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
142	MIS	Get Testing Permission To Enter ITest	0%	Tue 1/20/09	Tue 1/20/09
143	MIS	Update Testing Scope / Test Scripts For Build 10	0%	Wed 1/21/09	Wed 1/21/09
144	<b>MIS</b>	<b>Itest For Build 10</b>	<b>0%</b>	<b>Wed 1/21/09</b>	<b>Fri 2/6/09</b>
145	MIS	Deliver Deployed Build to ITest via PPM Tool	0%	Wed 1/21/09	Wed 1/21/09
147	MIS	ITest Testing For Build	0%	Thu 1/22/09	Wed 1/28/09
148	MIS	Review Bugs Identified In ITest	0%	Thu 1/29/09	Thu 1/29/09
149	MIS	Fix ITest Identified Bugs	0%	Fri 1/30/09	Mon 2/2/09
150	MIS	Create New Build With Bug Fixes & Load into CVS	0%	Tue 2/3/09	Tue 2/3/09
151	MIS	Update Release Notes & Test Scripts For Build 10.1	0%	Wed 2/4/09	Wed 2/4/09
152	MIS	Deploy Build 10.1 to ITest	0%	Thu 2/5/09	Thu 2/5/09
153	MIS	ITest Testing for Build 10.1	0%	Fri 2/6/09	Fri 2/6/09
154	MIS	Meet ITest Exit Criteria	0%	Fri 2/6/09	Fri 2/6/09
155	MIS	MIS Build 10 Complete	0%	Fri 2/6/09	Fri 2/6/09
156	<b>MIS</b>	<b>MIS Build 11</b>	<b>0%</b>	<b>Thu 1/15/09</b>	<b>Wed 10/14/09</b>
158	MIS	Receive Reports & Extracts for Build 11 from EDW	0%	Wed 10/14/09	Wed 10/14/09
159	MIS	MIS Build 11 Start	0%	Thu 1/15/09	Thu 1/15/09
160	<b>MIS</b>	<b>Finalize Requirements (Build 11)</b>	<b>0%</b>	<b>Fri 1/16/09</b>	<b>Thu 1/29/09</b>
161	MIS	Outage Scheduler Reports	0%	Fri 1/16/09	Thu 1/29/09
162	MIS	EMS Reports	0%	Fri 1/16/09	Thu 1/29/09
163	MIS	MMS Reports	0%	Fri 1/16/09	Thu 1/29/09
164	MIS	COMMS Reports	0%	Fri 1/16/09	Thu 1/29/09
165	MIS	Other Reports	0%	Fri 1/16/09	Thu 1/29/09
166	<b>MIS</b>	<b>Development (Build 11)</b>	<b>0%</b>	<b>Fri 1/30/09</b>	<b>Thu 3/26/09</b>
167	MIS	Develop Build 11 Specific Items	0%	Fri 1/30/09	Thu 3/12/09
168	MIS	CreateView By Protocal Links Links & Update Content for Build 11	0%	Fri 3/13/09	Fri 3/13/09
169	MIS	Create Release Notes For Build 11	0%	Fri 3/13/09	Fri 3/13/09
170	MIS	Unit Test Finished Build 11	0%	Fri 3/13/09	Fri 3/13/09
171	MIS	Fix Identified Bugs From Unit Testing	0%	Mon 3/16/09	Tue 3/17/09
172	MIS	Create Unit Test Log	0%	Wed 3/18/09	Wed 3/18/09
173	MIS	Update Properties & Folder IDs for ITest	0%	Wed 3/18/09	Wed 3/18/09
174	MIS	Create MIS Build 11 Package & Load Into CVS	0%	Thu 3/19/09	Thu 3/19/09
175	MIS	Create PPM Deployment Package	0%	Fri 3/20/09	Fri 3/20/09
176	MIS	Code drop & Smoke Test	0%	Mon 3/23/09	Wed 3/25/09
177	MIS	Get Business Signoff For Build 11	0%	Mon 3/23/09	Mon 3/23/09
178	MIS	Get Testing Permission To Enter ITest	0%	Thu 3/26/09	Thu 3/26/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
179	MIS	Update Testing Scope / Test Scripts For Build 11	0%	Tue 3/24/09	Tue 3/24/09
180	<b>MIS</b>	<b>Itest( Build 11)</b>	<b>0%</b>	<b>Thu 3/26/09</b>	<b>Tue 4/14/09</b>
181	MIS	Deliver Deployed Build to ITest via PPM Tool	0%	Thu 3/26/09	Thu 3/26/09
183	MIS	Integration Testing	0%	Fri 3/27/09	Thu 4/2/09
184	MIS	ITest Testing For Build	0%	Fri 3/27/09	Thu 4/2/09
185	MIS	Review Bugs Identified In ITest	0%	Fri 4/3/09	Fri 4/3/09
186	MIS	Fix ITest Identified Bugs	0%	Mon 4/6/09	Tue 4/7/09
187	MIS	Create New Build With Bug Fixes & Load into CVS	0%	Wed 4/8/09	Wed 4/8/09
188	MIS	Update Release Notes & Test Scripts For Build 11.1	0%	Thu 4/9/09	Thu 4/9/09
189	MIS	Deploy Build 11.1 to ITest	0%	Fri 4/10/09	Fri 4/10/09
190	MIS	ITest Testing for Build 11.1	0%	Mon 4/13/09	Mon 4/13/09
191	MIS	Meet ITest Exit Criteria	0%	Tue 4/14/09	Tue 4/14/09
192	MIS	MIS Build 11 Complete	0%	Tue 4/14/09	Tue 4/14/09
193	<b>MIS</b>	<b>MIS Build 12</b>	<b>0%</b>	<b>Mon 6/2/08</b>	<b>Mon 8/10/09</b>
194	MIS	Receive Reports & Extracts for MIS Build 11 from ???	0%	Mon 6/2/08	Mon 6/2/08
195	MIS	MIS Build 12 Start	0%	Tue 4/14/09	Tue 4/14/09
196	<b>MIS</b>	<b>Finalize Requirements (Build 12)</b>	<b>0%</b>	<b>Wed 4/15/09</b>	<b>Tue 4/28/09</b>
197	MIS	Outage Scheduler Reports	0%	Wed 4/15/09	Tue 4/28/09
198	MIS	EMS Reports	0%	Wed 4/15/09	Tue 4/28/09
199	MIS	MMS Reports	0%	Wed 4/15/09	Tue 4/28/09
200	MIS	COMMS Reports	0%	Wed 4/15/09	Tue 4/28/09
201	MIS	Other Reports	0%	Wed 4/15/09	Tue 4/28/09
202	<b>MIS</b>	<b>Development (Build 12)</b>	<b>0%</b>	<b>Wed 4/29/09</b>	<b>Wed 7/15/09</b>
203	MIS	Develop Build 12 Specific Items	0%	Wed 4/29/09	Wed 6/24/09
204	MIS	Create View By Protocol Links Links & Update Content for Build 12	0%	Thu 6/25/09	Thu 6/25/09
205	MIS	Create Release Notes For Build 12	0%	Thu 6/25/09	Thu 6/25/09
206	MIS	Unit Test Finished Build 12	0%	Fri 6/26/09	Fri 6/26/09
207	MIS	Fix Identified Bugs From Unit Testing	0%	Mon 6/29/09	Tue 6/30/09
208	MIS	Create Unit Test Log	0%	Wed 7/1/09	Wed 7/1/09
209	MIS	Update Properties & Folder IDs for ITest	0%	Thu 7/2/09	Thu 7/2/09
210	MIS	Create MIS Build 12 Package & Load Into CVS	0%	Mon 7/6/09	Mon 7/6/09
211	MIS	Create PPM Deployment Package	0%	Tue 7/7/09	Tue 7/7/09
212	MIS	Code drop & Smoke Test	0%	Wed 7/8/09	Fri 7/10/09
213	MIS	Get Business Signoff For Build 12	0%	Mon 7/13/09	Mon 7/13/09
214	MIS	Get Testing Permission To Enter ITest	0%	Tue 7/14/09	Tue 7/14/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
215	MIS	Update Testing Scope / Test Scripts For Build 12	0%	Wed 7/15/09	Wed 7/15/09
216	<b>MIS</b>	<b>Itest( Build 12)</b>	<b>0%</b>	<b>Wed 7/15/09</b>	<b>Mon 8/10/09</b>
217	MIS	Deliver Build 12 to ITest via PPM Tool	0%	Wed 7/15/09	Wed 7/15/09
219	MIS	Integration Testing	0%	Thu 7/16/09	Wed 7/22/09
220	MIS	ITest Testing For Build	0%	Thu 7/23/09	Wed 7/29/09
221	MIS	Review Bugs Identified In ITest	0%	Thu 7/30/09	Thu 7/30/09
222	MIS	Fix ITest Identified Bugs	0%	Fri 7/31/09	Mon 8/3/09
223	MIS	Create New Build With Bug Fixes & Load into CVS	0%	Tue 8/4/09	Tue 8/4/09
224	MIS	Update Release Notes & Test Scripts For Build 12.1	0%	Wed 8/5/09	Wed 8/5/09
225	MIS	Deploy Build 12.1 to ITest	0%	Thu 8/6/09	Thu 8/6/09
226	MIS	ITest Testing for Build 12.1	0%	Fri 8/7/09	Fri 8/7/09
227	MIS	Meet ITest Exit Criteria	0%	Mon 8/10/09	Mon 8/10/09
228	MIS	MIS Build 12 Complete	0%	Mon 8/10/09	Mon 8/10/09
229	<b>MIS</b>	<b>Portal Components</b>	<b>77%</b>	<b>Mon 8/25/08</b>	<b>Thu 4/9/09</b>
230	<b>MIS</b>	<b>Build 9 or Prior Portlet Components</b>	<b>100%</b>	<b>Mon 8/25/08</b>	<b>Wed 11/12/08</b>
231	<b>MIS</b>	<b>MyPage Customization</b>	<b>100%</b>	<b>Mon 8/25/08</b>	<b>Fri 9/26/08</b>
232	MIS	Subscribe Portlet To a Pane Construction	100%	Mon 8/25/08	Fri 8/29/08
233	MIS	Unsubscribe Portlet To a Pane Construction	100%	Tue 9/2/08	Fri 9/5/08
234	MIS	Change Order of Porlets within Pane Construction	100%	Mon 9/8/08	Fri 9/12/08
235	MIS	UI Customization	100%	Mon 9/15/08	Fri 9/26/08
236	<b>MIS</b>	<b>Search</b>	<b>100%</b>	<b>Mon 10/20/08</b>	<b>Wed 11/12/08</b>
237	MIS	Modify Search Page Based on UI Feedback	100%	Mon 10/20/08	Wed 10/22/08
238	MIS	Update Advance Search	100%	Thu 10/23/08	Fri 10/24/08
239	MIS	Create Search Zones	100%	Mon 10/27/08	Fri 10/31/08
240	MIS	Finalize Search Query	100%	Mon 11/3/08	Wed 11/12/08
241	<b>MIS</b>	<b>View By Protocol</b>	<b>100%</b>	<b>Thu 9/18/08</b>	<b>Wed 10/22/08</b>
242	MIS	Create View By Protocol Pass Through Portlet	100%	Thu 9/18/08	Fri 9/19/08
243	MIS	Create Links & Update Content for Build 7	100%	Mon 9/22/08	Wed 9/24/08
244	MIS	Create Links & Update Content for Build 8	100%	Thu 9/18/08	Mon 9/22/08
245	MIS	Create Links & Update Content for Build 9	100%	Wed 10/15/08	Wed 10/22/08
246	MIS	Build 9 and Prior Components Complete	100%	Wed 11/12/08	Wed 11/12/08
247	<b>MIS</b>	<b>Build 10 Portlet Components</b>	<b>100%</b>	<b>Mon 11/3/08</b>	<b>Wed 12/10/08</b>
248	<b>MIS</b>	<b>Notification Portlet</b>	<b>100%</b>	<b>Mon 11/17/08</b>	<b>Wed 12/10/08</b>
249	MIS	Create Notice Portlet	100%	Mon 11/17/08	Mon 11/24/08
250	MIS	Integrate with Notice Database	100%	Tue 11/25/08	Fri 12/5/08
					Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
251	MIS	Hard Code Portlet with MPIM Information	100%	Mon 12/8/08	Wed 12/10/08
252	<b>MIS</b>	<b>Notice Builder</b>	<b>100%</b>	<b>Mon 11/3/08</b>	<b>Wed 12/10/08</b>
253	MIS	Create App for Notice Creation	100%	Mon 11/3/08	Tue 11/25/08
254	MIS	Create UI for Notice Creation	100%	Mon 12/1/08	Wed 12/3/08
255	MIS	Pass Notice Information to Notices Database	100%	Thu 12/4/08	Wed 12/10/08
256	MIS	Portlet Components for Build 10 Complete	100%	Wed 12/10/08	Wed 12/10/08
257	<b>MIS</b>	<b>Build 11 Portlet Components</b>	<b>87%</b>	<b>Mon 8/25/08</b>	<b>Mon 3/9/09</b>
258	<b>MIS</b>	<b>Dashboards</b>	<b>87%</b>	<b>Fri 9/12/08</b>	<b>Mon 3/9/09</b>
259	MIS	Data Available from EIP034	100%	Fri 9/12/08	Fri 9/12/08
260	MIS	Dashboard Data Available from CDR	100%	Fri 9/12/08	Fri 9/12/08
261	<b>MIS</b>	<b>Review Dashboards with TPTF</b>	<b>100%</b>	<b>Thu 9/18/08</b>	<b>Wed 10/15/08</b>
262	MIS	LMP Contour Map	100%	Thu 9/18/08	Wed 10/15/08
263	MIS	Load Forecast vs. Actual	100%	Thu 9/18/08	Wed 10/15/08
264	MIS	Weather	100%	Thu 9/18/08	Wed 10/15/08
265	MIS	Day-Ahead & Real-Time LMPs	100%	Thu 9/18/08	Wed 10/15/08
266	MIS	DC Ties	100%	Thu 9/18/08	Wed 10/15/08
267	MIS	LMP Ticker	100%	Thu 9/18/08	Wed 10/15/08
268	MIS	ERCOT ACE	100%	Thu 9/18/08	Wed 10/15/08
269	MIS	Operating & Seven-Day Load Forecast	100%	Thu 9/18/08	Wed 10/15/08
270	MIS	Undeployed Responsive Reserve	100%	Thu 9/18/08	Wed 10/15/08
271	MIS	Non-Spinning Reserve	100%	Thu 9/18/08	Wed 10/15/08
272	MIS	Undeployed Reg Up & Reg Down	100%	Thu 9/18/08	Wed 10/15/08
273	MIS	Capacity for Inc/Dec Base Points in SCED	100%	Thu 9/18/08	Wed 10/15/08
274	MIS	Frequency	100%	Thu 9/18/08	Wed 10/15/08
275	<b>MIS</b>	<b>Construction</b>	<b>50%</b>	<b>Mon 10/20/08</b>	<b>Mon 3/9/09</b>
276	MIS	Update Wireframes Based on TPTF Feedback	100%	Mon 10/20/08	Mon 11/10/08
277	MIS	Create Dashboards in Jreports Based On Wireframes	50%	Tue 11/11/08	Fri 2/13/09
278	MIS	Link Dashboards to EIP Webservices	0%	Mon 2/16/09	Mon 3/2/09
279	MIS	Create Passthrough Portlets for Dashboards	0%	Tue 3/3/09	Mon 3/9/09
280	MIS	Dashboard Portal Components Complete	0%	Mon 3/9/09	Mon 3/9/09
281	<b>MIS</b>	<b>Portlet Type A for Reports</b>	<b>86%</b>	<b>Mon 8/25/08</b>	<b>Fri 2/6/09</b>
282	MIS	Set Up Jreports for Reporting (Initial)	100%	Mon 8/25/08	Wed 8/27/08
283	MIS	Procure Jinfonet Consulting Services	100%	Thu 8/28/08	Mon 11/24/08
284	MIS	Training (Jinfonet)	100%	Mon 1/5/09	Thu 1/8/09
285	MIS	Set Up Jreports for Reporting (Final)	75%	Fri 1/9/09	Fri 1/23/09

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
286	MIS	Integrate with MID/MIR Queries	0%	Mon 1/26/09	Fri 1/30/09
287	MIS	Update Report Formatting	0%	Mon 2/2/09	Wed 2/4/09
288	MIS	Create Passthourgh Portlet Look & Feel	0%	Thu 2/5/09	Fri 2/6/09
289	MIS	Portlet Components for Build 11 Complete	0%	Mon 3/9/09	Mon 3/9/09
290	MIS	<b>Build 12 Portlet Components</b>	<b>28%</b>	<b>Mon 11/17/08</b>	<b>Thu 4/9/09</b>
291	MIS	<b>Applications</b>	<b>21%</b>	<b>Mon 1/12/09</b>	<b>Thu 4/9/09</b>
292	MIS	<b>Extract Scheduler</b>	<b>21%</b>	<b>Mon 1/12/09</b>	<b>Thu 4/9/09</b>
293	MIS	Extract Scheduler Requirements complete	90%	Mon 1/12/09	Fri 1/30/09
294	MIS	Extract Scheduler Coding complete	0%	Mon 2/2/09	Fri 2/27/09
295	MIS	Extract scheduler testing complete	0%	Mon 3/2/09	Fri 3/6/09
296	MIS	Extract Scheduler links to MIS complete	0%	Mon 3/9/09	Fri 3/13/09
297	MIS	Deliver Completed Extract Scheduler links to EDW	0%	Fri 3/13/09	Fri 3/13/09
299	MIS	MP API built	0%	Mon 3/16/09	Thu 4/9/09
300	MIS	Extract Scheduler Complete	0%	Thu 4/9/09	Thu 4/9/09
301	MIS	<b>Help</b>	<b>22%</b>	<b>Thu 1/8/09</b>	<b>Fri 2/20/09</b>
302	MIS	Work with Training to Identify Level Of Help Required	100%	Thu 1/8/09	Fri 1/16/09
303	MIS	Create Help Information	0%	Mon 1/19/09	Fri 2/6/09
304	MIS	Update Portlet Areas with Help Information	0%	Mon 2/9/09	Fri 2/20/09
305	MIS	Help Complete	0%	Fri 2/20/09	Fri 2/20/09
306	MIS	<b>Load Balancing &amp; Failover</b>	<b>45%</b>	<b>Mon 11/17/08</b>	<b>Tue 3/31/09</b>
307	MIS	Program External - Development Load Balancer Installed	0%	Mon 3/2/09	Mon 3/2/09
308	MIS	Install MIS Portal as a cluster on STEST	0%	Mon 3/2/09	Tue 3/3/09
309	MIS	Set up Apache load balancer for round robin load	0%	Wed 3/4/09	Thu 3/5/09
310	MIS	set up Tomcat cluster for both these machines	0%	Fri 3/6/09	Mon 3/9/09
311	MIS	Test for load balancing	0%	Tue 3/10/09	Tue 3/17/09
312	MIS	Update Configuration in iTEST	0%	Wed 3/18/09	Tue 3/24/09
313	MIS	Update Configuration in EDW	0%	Wed 3/25/09	Tue 3/31/09
314	MIS	Load Balancing & Failover Complete	0%	Tue 3/31/09	Tue 3/31/09
315	MIS	<b>LDAP Sync with ITEST</b>	<b>100%</b>	<b>Mon 11/17/08</b>	<b>Thu 12/4/08</b>
316	MIS	Set up failover box with new LDAP and Policy	100%	Mon 11/17/08	Fri 11/21/08
317	MIS	Ensure ports are open and node2nodes have been submitted	100%	Mon 11/17/08	Fri 11/21/08
318	MIS	Create updated LDIF with new structure	100%	Mon 11/24/08	Wed 12/3/08
319	MIS	Import new LDAP	100%	Thu 12/4/08	Thu 12/4/08
320	MIS	Update Policy to reflect LDAP changes	100%	Thu 12/4/08	Thu 12/4/08
321	MIS	Ensure all applications and environemtn piece point to new box	100%	Thu 12/4/08	Thu 12/4/08

Wed 1/14/09



ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
322	MIS	Portlet Components for Build 12 Complete	0%	Thu 4/9/09	Thu 4/9/09
323	MIS	Portlet Components Complete	0%	Tue 3/31/09	Tue 3/31/09
324	MIS	MISProject End	0%	Tue 4/14/09	Tue 4/14/09
10	<b>Nodal IPS</b>	<b>COMS - Commercial Systems</b>	<b>64%</b>	<b>Mon 6/2/08</b>	<b>Mon 11/8/10</b>
1	<b>COMS</b>	<b>New COMS Program</b>	<b>64%</b>	<b>Mon 6/2/08</b>	<b>Mon 11/8/10</b>
2	COMS	COMS Replan Start	100%	Mon 6/2/08	Mon 6/2/08
3	<b>COMS</b>	<b>COMS: Settlements &amp; Billing / Data Agg / CSI</b>	<b>88%</b>	<b>Mon 6/2/08</b>	<b>Thu 4/23/09</b>
4	COMS	Replan Start	100%	Mon 10/13/08	Mon 10/13/08
5	<b>COMS</b>	<b>Settlements &amp; Billing (core)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 11/11/08</b>
6	<b>COMS</b>	<b>Planning</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/8/08</b>
7	<b>COMS</b>	<b>Requirements</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/8/08</b>
8	<b>COMS</b>	<b>Functional Requirements</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 10/8/08</b>
9	COMS	S&B Functional Requirements Version 1 (protocol driven)	100%	Mon 6/2/08	Mon 6/2/08
10	COMS	S&B Functional Requirements Version 2 (protocol driven)	100%	Mon 6/2/08	Mon 6/2/08
11	COMS	S&B Functional Requirements Version 3 (protocol driven)	100%	Thu 10/2/08	Wed 10/8/08
12	COMS	Settlements & Billing Requirements Completed	100%	Wed 10/8/08	Wed 10/8/08
13	<b>COMS</b>	<b>Design</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
14	COMS	Develop S&B Functional Decomposition	100%	Mon 6/2/08	Mon 6/2/08
15	COMS	Develop S&B CSD/Detailed Design Version 1 (Functional Requirement driven)	100%	Mon 6/2/08	Mon 6/2/08
16	COMS	Settlements & Billing CSD/Detailed Design Complete	100%	Mon 6/2/08	Mon 6/2/08
17	<b>COMS</b>	<b>Technical Architecture</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
18	COMS	Draft TA document for Lodestar S&B environments	100%	Mon 6/2/08	Mon 6/2/08
19	COMS	Settlements & Billing TA Document Completed	100%	Mon 6/2/08	Mon 6/2/08
20	<b>COMS</b>	<b>Execution</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 11/11/08</b>
21	<b>COMS</b>	<b>Infrastructure</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/31/08</b>
22	COMS	Perform Build out of Development Env	100%	Mon 6/2/08	Mon 6/2/08
23	COMS	Perform Build out of PTEST (FAT) Env	100%	Mon 6/2/08	Mon 6/2/08
24	<b>COMS</b>	<b>Perform Build out of Itest Env</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/31/08</b>
25	COMS	Setup Application Server	100%	Mon 6/2/08	Wed 9/3/08
26	COMS	Setup Fully integrated database	100%	Mon 6/2/08	Wed 9/3/08
27	COMS	Setup Pkg1 to Pkg 2 integrated database (IT00NDL)	100%	Mon 10/13/08	Fri 10/31/08
28	COMS	S&B iTEST Environment Setup Completed	100%	Fri 10/31/08	Fri 10/31/08
29	COMS	Perform Build out of Production Environment	100%	Mon 6/2/08	Tue 9/9/08
30	COMS	Settlements & Billing Environment Setup Complete	100%	Fri 10/31/08	Fri 10/31/08
31	<b>COMS</b>	<b>Test Cases</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 10/9/08</b>

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
32	COMS	Develop S&B Test Cases Version 1 (Functional Requirement Driven)	100%	Mon 6/2/08	Mon 6/2/08
33	COMS	Develop S&B Test Cases Version 2 (Functional Requirement Driven)	100%	Mon 6/2/08	Mon 6/2/08
34	COMS	Develop S&B Test Cases Version 3 (Functional Requirement Driven)	100%	Thu 10/9/08	Thu 10/9/08
35	COMS	Settlements & Billing Test Cases Developed	100%	Thu 10/9/08	Thu 10/9/08
36	<b>COMS</b>	<b>Test Scripts</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
37	COMS	Develop S&B Test Scripts for prePTEST	100%	Mon 6/2/08	Mon 6/2/08
38	COMS	Develop S&B Test Scripts for PTEST (FAT)	100%	Mon 6/2/08	Mon 6/2/08
39	COMS	Settlements & Billing Test Scripts Completed	100%	Mon 6/2/08	Mon 6/2/08
40	<b>COMS</b>	<b>Development</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 7/14/08</b>
41	COMS	Develop Core Settlements & Billing Rules Language & PLSQL	100%	Mon 6/2/08	Mon 7/14/08
42	COMS	Core Settlements & Billing Code Complete	100%	Fri 7/11/08	Fri 7/11/08
43	<b>COMS</b>	<b>Testing</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 11/11/08</b>
44	COMS	Perform S&B Unit Testing	100%	Mon 7/14/08	Mon 7/14/08
45	COMS	Perform S&B pre-PTEST	100%	Mon 6/2/08	Tue 7/15/08
46	<b>COMS</b>	<b>Perform PTEST</b>	<b>100%</b>	<b>Mon 7/14/08</b>	<b>Tue 11/11/08</b>
47	<b>COMS</b>	<b>Day Ahead Market</b>	<b>100%</b>	<b>Mon 7/14/08</b>	<b>Fri 8/15/08</b>
48	COMS	FAT Testing -DAM Energy	100%	Mon 7/14/08	Fri 8/15/08
49	COMS	FAT Testing - DAM AS	100%	Mon 7/14/08	Fri 8/15/08
50	COMS	FAT Testing - DAM Make Whole	100%	Mon 7/14/08	Fri 8/15/08
51	COMS	Fat Testing - DAM CRR	100%	Mon 7/14/08	Fri 8/15/08
52	COMS	DAM PTEST (FAT) Completed	100%	Fri 8/15/08	Fri 8/15/08
53	<b>COMS</b>	<b>Real Time Market</b>	<b>100%</b>	<b>Mon 7/14/08</b>	<b>Tue 11/11/08</b>
54	COMS	FAT Testing - RTM Energy	100%	Mon 7/14/08	Wed 10/22/08
55	COMS	FAT Testing - RTM RUC	100%	Mon 7/14/08	Tue 11/11/08
56	COMS	FAT Testing - RTM CRR	100%	Mon 7/14/08	Tue 11/11/08
57	COMS	FAT Testing - RTM AS	100%	Mon 7/14/08	Wed 10/22/08
58	COMS	FAT Testing - RTM VSS	100%	Mon 7/14/08	Wed 10/22/08
59	COMS	FAT Testing - RTM Black Start	100%	Mon 7/14/08	Wed 10/22/08
60	COMS	FAT Testing - RTM RMR	100%	Mon 7/14/08	Tue 11/11/08
61	COMS	RTM pTEST (FAT) Completed	100%	Tue 11/11/08	Tue 11/11/08
62	<b>COMS</b>	<b>Statements &amp; Invoices</b>	<b>100%</b>	<b>Mon 7/14/08</b>	<b>Tue 11/11/08</b>
63	COMS	FAT Testing - DAM Statements	100%	Mon 7/14/08	Mon 7/14/08
64	COMS	FAT Testing - DAM invoices	100%	Mon 7/14/08	Mon 7/14/08
65	COMS	FAT Testing - RTM Statements	100%	Mon 7/14/08	Tue 11/11/08
66	COMS	FAT Testing - RTM Invoices	100%	Mon 7/14/08	Wed 10/22/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
67	COMS	FAT Testing - CARD	100%	Mon 7/14/08	Tue 11/11/08
68	COMS	FAT Testing - CRR Balancing Account	100%	Mon 7/14/08	Tue 11/11/08
69	COMS	FAT Testing - Staments & Invoices pTEST(FAT) Completed	100%	Tue 11/11/08	Tue 11/11/08
70	COMS	FAT Testing - AIEC	100%	Mon 7/14/08	Tue 11/11/08
71	COMS	FAT Testing - Eligibility	100%	Mon 7/14/08	Tue 11/11/08
72	COMS	FAT Testing - CCU Special Build	100%	Mon 7/14/08	Tue 8/5/08
73	COMS	FAT Testing - Flowgate Special Build	100%	Mon 7/14/08	Tue 8/5/08
74	COMS	FAT Testing - Verify Settlements & Billing PTEST TAT) for Release to iTest	100%	Mon 8/18/08	Mon 10/27/08
75	COMS	Settlements & Billing PTEST(FAT) complete	100%	Tue 11/11/08	Tue 11/11/08
76	<b>COMS</b>	<b>Migration</b>	<b>100%</b>	<b>Tue 10/28/08</b>	<b>Fri 10/31/08</b>
77	COMS	Generate MMCR (S&B Core Lodestar)	100%	Tue 10/28/08	Wed 10/29/08
78	COMS	Tag all components for initial iTEST Build (S&B core Lodestar)	100%	Tue 10/28/08	Tue 10/28/08
79	COMS	Produce Bundle & Release Notes (S&B Core Lodestar)	100%	Wed 10/29/08	Thu 10/30/08
80	COMS	Deliver Settlements & Billing Migration to ITEST	100%	Fri 10/31/08	Fri 10/31/08
82	<b>COMS</b>	<b>Data Aggregation (core)</b>	<b>72%</b>	<b>Mon 6/2/08</b>	<b>Fri 1/30/09</b>
83	<b>COMS</b>	<b>Planning</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
84	<b>COMS</b>	<b>Requirements</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
85	<b>COMS</b>	<b>Functional Requirements</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
86	COMS	Data Aggregation Functional Requirements Version 1 (protocol driven)	100%	Mon 6/2/08	Mon 6/2/08
87	COMS	Data Aggregation Functional Requirements Completed	100%	Mon 6/2/08	Mon 6/2/08
88	<b>COMS</b>	<b>Design</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
89	COMS	Develop Data Agg Functional Decomposition	100%	Mon 6/2/08	Mon 6/2/08
90	COMS	Devlop Data Agg CSD/Detailed Design Version 1 (Functional Requirement driven)	100%	Mon 6/2/08	Mon 6/2/08
91	COMS	Data Aggregation CSD/Detailed Design Completed	100%	Mon 6/2/08	Mon 6/2/08
92	<b>COMS</b>	<b>Technical Architecture</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
93	COMS	Confirm Data Agg TA with S&B TA	100%	Mon 6/2/08	Mon 6/2/08
94	COMS	Verify Data Agg datamodel constraints with S&B	100%	Mon 6/2/08	Mon 6/2/08
95	<b>COMS</b>	<b>Execution</b>	<b>72%</b>	<b>Mon 6/2/08</b>	<b>Fri 1/30/09</b>
96	<b>COMS</b>	<b>Infrastructure</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/31/08</b>
97	COMS	Perform Build out of Development Env	100%	Mon 6/2/08	Mon 6/2/08
98	COMS	Perform Build out of PTEST (FAT) Env	100%	Mon 6/2/08	Mon 6/2/08
99	<b>COMS</b>	<b>Perform Build out of ltest Env</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/31/08</b>
100	COMS	Confirm Data Agg Application Server (same as S&B)	100%	Mon 6/2/08	Wed 9/3/08
101	COMS	Confirm Data Agg Fully integrated database (same as S&B)	100%	Mon 6/2/08	Wed 9/3/08
102	COMS	Confirm Data Agg Pkg1 to Pkg 2 integrated database (same as S&B)	100%	Mon 10/13/08	Fri 10/31/08

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
103	COMS	Data Agg iTEST Environment Setup Completed	100%	Fri 10/31/08	Fri 10/31/08
104	COMS	Perform Build out of Production Data Agg Environment (same as S&B)	100%	Mon 6/2/08	Tue 9/9/08
105	COMS	Data Aggregation Environment Setup Complete	100%	Fri 10/31/08	Fri 10/31/08
106	COMS	<b>Test Cases</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
107	COMS	Develop Data Agg Test Cases Version 1 (Functional Requirement Driven)	100%	Mon 6/2/08	Mon 6/2/08
108	COMS	Data Aggregation Test Cases Developed	100%	Mon 6/2/08	Mon 6/2/08
109	COMS	<b>Test Scripts</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
110	COMS	Develop Data AggTest Scripts for prePTEST (None Defined)	100%	Mon 6/2/08	Mon 6/2/08
111	COMS	Develop Data AggTest Scripts for PTEST (FAT) (None Defined)	100%	Mon 6/2/08	Mon 6/2/08
112	COMS	Data Aggregation Test Scripts Completed	100%	Mon 6/2/08	Mon 6/2/08
113	COMS	<b>Development</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 9/30/08</b>
114	COMS	Develop Core Data Aggregation Rules Language & PLSQL	100%	Mon 6/2/08	Tue 9/30/08
115	COMS	Core Data Aggregation Code Complete	100%	Fri 9/26/08	Fri 9/26/08
116	COMS	<b>Testing</b>	<b>40%</b>	<b>Fri 9/26/08</b>	<b>Fri 1/30/09</b>
117	COMS	Perform Data Aggregation Unit Testing	100%	Fri 9/26/08	Mon 9/29/08
118	COMS	Perform Data Aggregation pre-PTEST	100%	Mon 9/29/08	Tue 9/30/08
119	COMS	<b>Perform PTEST</b>	<b>40%</b>	<b>Wed 10/1/08</b>	<b>Fri 1/30/09</b>
120	COMS	FAT Testing - Execute Core Data Aggregation & verify results	100%	Wed 10/1/08	Fri 10/3/08
121	COMS	FAT Testing - Validate Data Agg processing of NOIE	100%	Mon 10/6/08	Fri 10/10/08
122	COMS	FAT Testing - Verify Data Aggregation Distributed Generation outputs	35%	Mon 10/13/08	Fri 1/30/09
123	COMS	FAT Testing - Perform Baseline Data Agg Zonal 15 Day Run	35%	Mon 10/13/08	Fri 1/23/09
124	COMS	FAT Testing - Perform Baseline Data Agg Nodal 15 Day Run	35%	Mon 10/13/08	Fri 1/23/09
125	COMS	FAT Testing - Verify 15 Day Nodal vs. 15 Day Zonal (Data Aggregation)	35%	Mon 10/20/08	Fri 1/23/09
126	COMS	FAT Testing - Sync Metadata	100%	Wed 11/19/08	Wed 11/19/08
127	COMS	FAT Testing - Verify Data Agg for Release to iTest	100%	Mon 10/13/08	Mon 10/27/08
128	COMS	Data Aggregation PTEST(FAT) Complete	0%	Fri 1/30/09	Fri 1/30/09
129	COMS	<b>Migration</b>	<b>100%</b>	<b>Tue 10/28/08</b>	<b>Thu 10/30/08</b>
130	COMS	Generate MMCR Tag all components for initial iTEST Build (Data Agg core Lodestar)	100%	Tue 10/28/08	Wed 10/29/08
131	COMS	Produce Bundle & Release Notes (Data Agg core Lodestar)	100%	Thu 10/30/08	Thu 10/30/08
132	COMS	Deliver Data Aggregation Migration to ITEST	100%	Thu 10/30/08	Thu 10/30/08
134	COMS	<b>AppWorx (core)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/31/08</b>
135	COMS	<b>Planning</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
136	COMS	<b>Requirements</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
137	COMS	Requirements - Defined in Functional Decompositions	100%	Mon 6/2/08	Mon 6/2/08
138	COMS	<b>Design</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
139	COMS	Generate Appworx Design Document	100%	Mon 6/2/08	Mon 6/2/08
140	COMS	AppWorx Core Design completed	100%	Mon 6/2/08	Mon 6/2/08
141	COMS	<b>Technical Architecture</b>	100%	Mon 6/2/08	Mon 6/2/08
142	COMS	Draft TA document for Appworx environments	100%	Mon 6/2/08	Mon 6/2/08
143	COMS	Settlements & Billing TA Document Completed	100%	Mon 6/2/08	Mon 6/2/08
144	COMS	<b>Execution</b>	100%	Mon 6/2/08	Fri 10/31/08
145	COMS	<b>Infrastructure</b>	100%	Mon 6/2/08	Mon 6/2/08
146	COMS	Perform Build out of Appworx Development Env	100%	Mon 6/2/08	Mon 6/2/08
147	COMS	Perform Build out of Appworx PTEST (FAT) Env	100%	Mon 6/2/08	Mon 6/2/08
148	COMS	<b>Perform Build out of Itest Env</b>	100%	Mon 6/2/08	Mon 6/2/08
149	COMS	Confirm Appworx Application Server	100%	Mon 6/2/08	Mon 6/2/08
150	COMS	Confirm Appworx Master Database	100%	Mon 6/2/08	Mon 6/2/08
151	COMS	ITEST Appworx Environment Setup Completed	100%	Mon 6/2/08	Mon 6/2/08
152	COMS	Perform Build out of Production Appworx Environment	100%	Mon 6/2/08	Mon 6/2/08
153	COMS	Appworx Environment Setup Complete	100%	Mon 6/2/08	Mon 6/2/08
154	COMS	<b>Development</b>	100%	Mon 6/2/08	Mon 6/2/08
155	COMS	Code Appworx Base scheduler jobs	100%	Mon 6/2/08	Mon 6/2/08
156	COMS	Code Appworx Nodal Batch Scheduler for DAM	100%	Mon 6/2/08	Mon 6/2/08
157	COMS	Code Appworx Nodal Batch Scheduler for RTM w/o Data Agg	100%	Mon 6/2/08	Mon 6/2/08
158	COMS	Code Appworx Nodal Batch Scheduler for RTM	100%	Mon 6/2/08	Mon 6/2/08
159	COMS	Code Appworx Nodal Batch scheduler for CRR	100%	Mon 6/2/08	Mon 6/2/08
160	COMS	Appwork core Build complete	100%	Mon 6/2/08	Mon 6/2/08
161	COMS	<b>Testing</b>	100%	Mon 6/2/08	Fri 10/24/08
162	COMS	Perform Appworx Unit Testing	100%	Mon 6/2/08	Mon 6/2/08
163	COMS	Perform Appworx pre-PTEST	100%	Mon 6/2/08	Fri 7/18/08
164	COMS	<b>Perform PTEST</b>	100%	Mon 6/2/08	Fri 10/24/08
165	COMS	FAT Testing - Appworx Base scheduler jobs	100%	Fri 7/18/08	Mon 9/22/08
166	COMS	FAT Testing - Appworx Nodal Batch Scheduler for DAM	100%	Mon 6/2/08	Tue 9/23/08
167	COMS	FAT Testing - Appworx Nodal Batch Scheduler for RTM w/o Data Agg	100%	Mon 6/2/08	Tue 9/23/08
168	COMS	FAT Testing - Appworx Nodal Batch Scheduler for RTM	100%	Mon 10/13/08	Fri 10/24/08
169	COMS	FAT Testing - Appworx Nodal Batch scheduler for CRR	100%	Fri 7/18/08	Mon 9/22/08
170	COMS	Appworx PTEST(FAT) complete	100%	Fri 10/24/08	Fri 10/24/08
171	COMS	<b>Migration</b>	100%	Mon 10/27/08	Fri 10/31/08
172	COMS	Generate MMCR (Appworx 1)	100%	Mon 10/27/08	Tue 10/28/08
173	COMS	Tag all components for initial iTEST Build (Appworx 1)	100%	Mon 10/27/08	Mon 10/27/08

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
174	COMS	Produce Bundle & Release Notes (Appworx 1)	100%	Tue 10/28/08	Wed 10/29/08
175	COMS	Deliver Appworx Migration to ITEST	100%	Fri 10/31/08	Fri 10/31/08
177	COMS	<b>CSI (core)</b>	<b>94%</b>	<b>Mon 6/2/08</b>	<b>Fri 1/30/09</b>
178	COMS	<b>Planning</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
179	COMS	<b>Requirements</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
180	COMS	Generate overall integration requirements	100%	Mon 6/2/08	Mon 6/2/08
181	COMS	CSI Integration Requirements Completed	100%	Mon 6/2/08	Mon 6/2/08
182	COMS	<b>Design</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
183	COMS	Generate CSI Conceptual Design & Architecture	100%	Mon 6/2/08	Mon 6/2/08
184	COMS	CSI Architecture Design completed	100%	Mon 6/2/08	Mon 6/2/08
185	COMS	<b>Technical Architecture</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
186	COMS	Draft TA document for CSI environments	100%	Mon 6/2/08	Mon 6/2/08
187	COMS	CSI TA Document Completed	100%	Mon 6/2/08	Mon 6/2/08
188	COMS	<b>Execution</b>	<b>94%</b>	<b>Mon 6/2/08</b>	<b>Fri 1/30/09</b>
189	COMS	<b>Infrastructure</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/17/08</b>
190	COMS	Perform Build out of CSI Development Env	100%	Mon 6/2/08	Mon 6/2/08
191	COMS	<b>Perform Build out of Itest Env</b>	<b>100%</b>	<b>Mon 10/13/08</b>	<b>Fri 10/17/08</b>
192	COMS	Confirm CSI database in place (IT00CSI)	100%	Mon 10/13/08	Mon 10/13/08
193	COMS	Confirm CSI Tibco Infrastructure in Place	100%	Tue 10/14/08	Fri 10/17/08
194	COMS	ITEST CSI Environment Setup Confirmed	100%	Fri 10/17/08	Fri 10/17/08
195	COMS	CSI Environment Setup Complete	100%	Fri 10/17/08	Fri 10/17/08
196	COMS	<b>Development/Testing/Migration</b>	<b>94%</b>	<b>Mon 6/2/08</b>	<b>Fri 1/30/09</b>
197	COMS	<b>CSI Settlements &amp; Billing</b>	<b>95%</b>	<b>Mon 6/2/08</b>	<b>Fri 1/30/09</b>
198	COMS	Release 4.2 (MMS & CRR data, DAM Settlements) Complete	100%	Mon 6/2/08	Mon 6/2/08
199	COMS	Release 4.3 (MMS data - release 1) Complete	100%	Mon 6/2/08	Mon 6/2/08
200	COMS	Release 4.4 (MMS data - release 2) Complete	100%	Mon 6/2/08	Mon 6/2/08
201	COMS	Release 5.1 (EMS data, CRR stuff - release 1) Complete	100%	Mon 6/2/08	Mon 6/2/08
202	COMS	<b>CSI Release 5.2 (EMS data - release 2, RUC)</b>	<b>100%</b>	<b>Mon 8/18/08</b>	<b>Mon 8/18/08</b>
203	COMS	Release 5.2 Code base complete	100%	Mon 8/18/08	Mon 8/18/08
204	COMS	<b>CSI Release 5.3 (SASM, EMS-Release 3, MMS4-Release 1, GUI-Release 1, Misc)</b>	<b>100%</b>	<b>Fri 8/15/08</b>	<b>Fri 9/19/08</b>
205	COMS	Release 5.3 Code base complete	100%	Fri 8/15/08	Fri 9/19/08
206	COMS	<b>CSI Release 5.4 (MMS4-Release 2, Outbounds, Bug Fixes, Misc)</b>	<b>100%</b>	<b>Fri 9/19/08</b>	<b>Thu 10/16/08</b>
207	COMS	CSI 5.4 - Code Framework	100%	Fri 9/19/08	Fri 9/19/08
208	COMS	<b>CSI 5.4 - Code business logic</b>	<b>100%</b>	<b>Fri 9/19/08</b>	<b>Fri 9/26/08</b>
209	COMS	Capacity Factor (outbound interface)	100%	Fri 9/19/08	Wed 9/24/08

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ID	Project Name	Task Name	% Complete	Start	Finish
210	COMS	RMR contracts (outbound interface)	100%	Fri 9/19/08	Wed 9/24/08
211	COMS	Verifiable Cost (outbound interface)	100%	Fri 9/19/08	Fri 9/26/08
212	COMS	CRR Payment confirmation (outbound interface)	100%	Fri 9/19/08	Fri 9/19/08
213	COMS	Bill Determinants	100%	Fri 9/19/08	Fri 9/26/08
214	COMS	CSI 5.4 - Generate Test Data	100%	Fri 9/19/08	Fri 9/19/08
215	COMS	CSI 5.4 - Code Integration of business logic & Framework	100%	Fri 9/19/08	Fri 9/26/08
216	COMS	Release 5.4 Code base complete	100%	Fri 9/26/08	Fri 9/26/08
217	COMS	Release 5.4 pTEST	100%	Mon 9/29/08	Tue 10/14/08
218	COMS	CSI 5.4 - FAT/Business testing - cycle 1	100%	Mon 9/29/08	Fri 10/3/08
219	COMS	CSI 5.4 - Code drop - FAT/bug fixes	100%	Tue 9/30/08	Fri 10/3/08
220	COMS	CSI 5.4 - FAT/Business testing - cycle 2	100%	Mon 10/6/08	Tue 10/14/08
221	COMS	Release 5.4 business/product testing Complete	100%	Tue 10/14/08	Tue 10/14/08
222	COMS	CSI Migration 5.4	100%	Wed 10/15/08	Thu 10/16/08
223	COMS	Generate MMCR for ITEST (CSI 5.4)	100%	Wed 10/15/08	Wed 10/15/08
224	COMS	Tag all components for initial ITEST Build (CSI 5.4)	100%	Wed 10/15/08	Wed 10/15/08
225	COMS	Produce Bundle & Release Notes (CSI 5.4)	100%	Thu 10/16/08	Thu 10/16/08
226	COMS	Deliver CSI 5.4 Release Migration to ITEST	100%	Thu 10/16/08	Thu 10/16/08
228	COMS	CSI Release 5.5 ( NMMS-S&B, Remaining Determinants, Bug Fixes, Misc)	93%	Mon 10/13/08	Fri 1/30/09
229	COMS	CSI 5.5 - Confirm Scope & Requirements	100%	Mon 10/13/08	Fri 10/17/08
230	COMS	CSI 5.5 - Code Framework	100%	Mon 10/20/08	Fri 1/9/09
231	COMS	CSI 5.5 - Code business logic	100%	Mon 10/20/08	Fri 1/9/09
232	COMS	CSI 5.5 - Generate Test Data	95%	Mon 10/20/08	Fri 1/23/09
233	COMS	CSI 5.5 - Code Integration of business logic & Framework (orchestration)	95%	Mon 10/20/08	Fri 1/23/09
234	COMS	CSI 5.5 - Code Base Complete	0%	Fri 1/23/09	Fri 1/23/09
235	COMS	Release 5.5 PTEST	86%	Mon 11/17/08	Fri 1/30/09
236	COMS	CSI 5.5 - FAT/Business testing - cycle 1	100%	Mon 11/17/08	Fri 12/5/08
237	COMS	CSI 5.5 - Code drop - FAT/bug fixes	100%	Mon 12/1/08	Fri 1/9/09
238	COMS	CSI 5.5 - FAT/Business testing - cycle 2	0%	Mon 1/26/09	Fri 1/30/09
239	COMS	CSI 5.5 - FAT/business testing Complete	0%	Fri 1/30/09	Fri 1/30/09
240	COMS	Migration 5.5	0%	Mon 1/26/09	Fri 1/30/09
241	COMS	CSI 5.5 - Generate MMCR	0%	Mon 1/26/09	Mon 1/26/09
242	COMS	CSI 5.5 - Tag all components for initial ITEST Build	0%	Mon 1/26/09	Wed 1/28/09
243	COMS	CSI 5.5 - Produce Bundle & Release Notes	0%	Thu 1/29/09	Fri 1/30/09
244	COMS	Deliver CSI 5.5 - Migration to ITEST	0%	Fri 1/30/09	Fri 1/30/09
246	COMS	Credit Monitoring (CMM)	94%	Fri 9/19/08	Fri 1/30/09

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ID	Project Name	Task Name	% Complete	Start	Finish
247	<b>COMS</b>	<b>Release 6.1 (Formerly 5.1 &amp; 5.2) (DAM-Release 1, RTM Release 1, S&amp;B to CMM Interfaces, Staging Loa</b>	<b>100%</b>	<b>Fri 9/19/08</b>	<b>Fri 10/17/08</b>
248	COMS	CSI 6.1 - Code Framework	100%	Fri 9/19/08	Wed 9/24/08
249	COMS	CSI 6.1 - Code business logic	100%	Fri 9/19/08	Wed 9/24/08
250	COMS	CSI 6.1 - Generate Test Data	100%	Fri 9/19/08	Wed 9/24/08
251	COMS	CSI 6.1 - Code Integration of business logic & Framework	100%	Fri 9/19/08	Fri 9/26/08
252	COMS	CMM Release 6.1 Code base complete	100%	Fri 9/26/08	Fri 9/26/08
253	<b>COMS</b>	<b>Release 6.1 pTEST</b>	<b>100%</b>	<b>Mon 9/29/08</b>	<b>Mon 10/13/08</b>
254	COMS	CSI 6.1 - FAT/Business testing - cycle 1	100%	Mon 9/29/08	Fri 10/3/08
255	COMS	CSI 6.1 - Code drop - FAT/bug fixes	100%	Tue 9/30/08	Fri 10/3/08
256	COMS	CSI 6.1 - FAT/Business testing - cycle 2	100%	Mon 10/6/08	Mon 10/13/08
257	COMS	CSI 6.1 - FAT/business testing Complete	100%	Mon 10/13/08	Mon 10/13/08
258	<b>COMS</b>	<b>Migration 6.1</b>	<b>100%</b>	<b>Tue 10/14/08</b>	<b>Fri 10/17/08</b>
259	COMS	CSI 6.1 - Generate MMCR (CSI 6.1)	100%	Tue 10/14/08	Tue 10/14/08
260	COMS	CSI 6.1 - Tag all components for initial iTEST Build (CSI 6.1)	100%	Tue 10/14/08	Thu 10/16/08
261	COMS	CSI 6.1 - Produce Bundle & Release Notes (CSI 6.1)	100%	Fri 10/17/08	Fri 10/17/08
262	COMS	Deliver CSI 6.1 Release Migration to iTEST	100%	Fri 10/17/08	Fri 10/17/08
264	<b>COMS</b>	<b>Release 6.3 (CRR UDAA, New Credit Determinants, CMM Loaders)</b>	<b>93%</b>	<b>Thu 10/16/08</b>	<b>Fri 1/30/09</b>
265	COMS	CSI 6.3 - Confirm Scope & Requirements	100%	Thu 10/16/08	Fri 10/17/08
266	COMS	CSI 6.3 - Code Framework	100%	Mon 10/20/08	Fri 1/9/09
267	COMS	CSI 6.3 - Code business logic	100%	Mon 10/20/08	Fri 1/9/09
268	COMS	CSI 6.3 - Generate Test Data	100%	Mon 10/20/08	Fri 1/9/09
269	COMS	CSI 6.3 - Code Integration of business logic & Framework (orchestration)	100%	Mon 10/20/08	Fri 1/9/09
270	COMS	CSI 6.3 - Code base complete	100%	Fri 1/9/09	Fri 1/9/09
271	<b>COMS</b>	<b>CSI 6.3 - PTEST</b>	<b>79%</b>	<b>Mon 11/17/08</b>	<b>Fri 1/30/09</b>
272	COMS	CSI 6.3 - FAT/Business testing - cycle 1	100%	Mon 11/17/08	Fri 12/5/08
273	COMS	CSI 6.3 - Code drop - FAT/bug fixes	100%	Mon 11/17/08	Fri 1/9/09
274	COMS	CSI 6.3 - Business testing - cycle 2	25%	Mon 1/12/09	Fri 1/30/09
275	COMS	CSI 6.3 - FAT/business testing Complete	0%	Fri 1/30/09	Fri 1/30/09
276	<b>COMS</b>	<b>Migration 6.3</b>	<b>0%</b>	<b>Fri 1/23/09</b>	<b>Fri 1/30/09</b>
277	COMS	CSI 6.3 - Generate MMCR	0%	Fri 1/23/09	Fri 1/23/09
278	COMS	CSI 6.3 - Tag all components for initial iTEST Build	0%	Fri 1/23/09	Thu 1/29/09
279	COMS	CSI 6.3 - Produce Bundle & Release Notes	0%	Fri 1/30/09	Fri 1/30/09
280	COMS	Deliver CSI 6.3 - Migration to ITEST	0%	Fri 1/30/09	Fri 1/30/09
282	<b>COMS</b>	<b>Extracts &amp; Reports</b>	<b>59%</b>	<b>Mon 10/13/08</b>	<b>Wed 2/25/09</b>
283	<b>COMS</b>	<b>Source System Reports</b>	<b>59%</b>	<b>Mon 10/13/08</b>	<b>Wed 2/25/09</b>



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ID	Project Name	Task Name	% Complete	Start	Finish
284	<b>COMS</b>	<b>Settlements &amp; Billing</b>	<b>71%</b>	<b>Mon 10/13/08</b>	<b>Tue 2/10/09</b>
285	<b>COMS</b>	<b>S&amp;B Internal Reports</b>	<b>83%</b>	<b>Mon 10/13/08</b>	<b>Tue 2/10/09</b>
286	COMS	E&R: S&B Internal Reports - Gather Requirements	100%	Mon 10/13/08	Fri 11/21/08
287	COMS	E&R: S&B Internal Reports - Code Reports	0%	Wed 2/4/09	Wed 2/4/09
288	COMS	E&R: S&B Internal Reports - Coding Complete	0%	Wed 2/4/09	Wed 2/4/09
289	COMS	E&R: S&B Internal Reports - PTEST (FAT) Testing	0%	Thu 2/5/09	Fri 2/6/09
290	COMS	E&R: S&B Internal Reports FAT Testing Complete	0%	Fri 2/6/09	Fri 2/6/09
291	<b>COMS</b>	<b>Migration E&amp;R: S&amp;B Internal Reports</b>	<b>0%</b>	<b>Mon 2/9/09</b>	<b>Tue 2/10/09</b>
292	COMS	E&R: S&B Internal Reports - Generate MMCR	0%	Mon 2/9/09	Mon 2/9/09
293	COMS	E&R: S&B Internal Reports - Tag all components for initial iTEST Build	0%	Mon 2/9/09	Mon 2/9/09
294	COMS	E&R: S&B Internal Reports - Produce Bundle & Release Notes	0%	Tue 2/10/09	Tue 2/10/09
295	COMS	Deliver E&R: S&B Internal Reports - Migration to ITEST	0%	Tue 2/10/09	Tue 2/10/09
297	<b>COMS</b>	<b>S&amp;B External Reports</b>	<b>63%</b>	<b>Mon 10/13/08</b>	<b>Tue 2/10/09</b>
298	COMS	E&R: S&B External Reports - Gather Requirements	100%	Mon 10/13/08	Fri 11/21/08
299	<b>COMS</b>	<b>E&amp;R: S&amp;B External Reports - Code Reports</b>	<b>0%</b>	<b>Wed 2/4/09</b>	<b>Wed 2/4/09</b>
300	COMS	E&R: S&B - Code Monthly RUC Make Whole & Clawback Payment Report	0%	Wed 2/4/09	Wed 2/4/09
301	COMS	E&R: S&B - Code Protocol Section 8 Reports - (Open NPRR)	0%	Wed 2/4/09	Wed 2/4/09
302	COMS	E&R: S&B - Code Monthly Energy Deployed by RMR Units	0%	Wed 2/4/09	Wed 2/4/09
303	COMS	E&R: S&B - Code Missing Consumption Report (CODIA)	0%	Wed 2/4/09	Wed 2/4/09
304	COMS	E&R: S&B - Code Ercot Summary Dispute Report	0%	Wed 2/4/09	Wed 2/4/09
305	COMS	E&R: S&B External Reports - Coding Complete	0%	Wed 2/4/09	Wed 2/4/09
306	<b>COMS</b>	<b>E&amp;R: S&amp;B External Reports - PTEST (FAT) Testing</b>	<b>0%</b>	<b>Thu 2/5/09</b>	<b>Fri 2/6/09</b>
307	COMS	E&R: S&B - FAT TESTING - Monthly RUC Make Whole & Clawback Payment Report	0%	Thu 2/5/09	Fri 2/6/09
308	COMS	E&R: S&B - FAT TESTING - Protocol Section 8 Reports - (Open NPRR)	0%	Thu 2/5/09	Fri 2/6/09
309	COMS	E&R: S&B - FAT TESTING - Monthly Energy Deployed by RMR Units	0%	Thu 2/5/09	Fri 2/6/09
310	COMS	E&R: S&B - FAT TESTING - Missing Consumption Report (CODIA)	0%	Thu 2/5/09	Fri 2/6/09
311	COMS	E&R: S&B - FAT TESTING - Ercot Summary Dispute Report (WCS)	0%	Thu 2/5/09	Fri 2/6/09
312	COMS	E&R: S&B External Reports FAT Testing Complete	0%	Fri 2/6/09	Fri 2/6/09
313	<b>COMS</b>	<b>Migration E&amp;R: S&amp;B, CODIA, WCS External Reports</b>	<b>0%</b>	<b>Mon 2/9/09</b>	<b>Tue 2/10/09</b>
314	COMS	E&R: S&B - Generate MMCR	0%	Mon 2/9/09	Mon 2/9/09
315	COMS	E&R: S&B - Tag all components for initial iTEST Build	0%	Mon 2/9/09	Mon 2/9/09
316	COMS	E&R: S&B - Produce Bundle & Release Notes	0%	Tue 2/10/09	Tue 2/10/09
317	COMS	Deliver E&R: S&B - Migration to ITEST	0%	Tue 2/10/09	Tue 2/10/09
319	<b>COMS</b>	<b>Data Aggregation</b>	<b>50%</b>	<b>Mon 10/13/08</b>	<b>Wed 2/25/09</b>
320	<b>COMS</b>	<b>Data Agg Internal Reports</b>	<b>71%</b>	<b>Mon 10/13/08</b>	<b>Wed 2/25/09</b>

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ID	Project Name	Task Name	% Complete	Start	Finish
321	COMS	E&R: Data Agg Internal Reports - Gather Requirements	100%	Mon 10/13/08	Fri 11/21/08
322	COMS	E&R: Data Agg Internal Reports - Requirements Completed	100%	Fri 11/21/08	Fri 11/21/08
323	COMS	E&R: Data Agg Internal Reports - Code Reports	0%	Wed 2/11/09	Tue 2/17/09
324	COMS	E&R: Data Agg Internal Reports - Coding Complete	0%	Tue 2/17/09	Tue 2/17/09
325	COMS	E&R: Data Agg Internal Reports - PTEST (FAT) Testing	0%	Wed 2/18/09	Mon 2/23/09
326	COMS	E&R: Data Agg Internal Reports FAT Testing Complete	0%	Mon 2/23/09	Mon 2/23/09
327	COMS	<b>Migration E&amp;R: Data Agg Internal Reports</b>	<b>0%</b>	<b>Tue 2/24/09</b>	<b>Wed 2/25/09</b>
328	COMS	E&R: Data Agg Internal Reports - Generate MMCR	0%	Tue 2/24/09	Tue 2/24/09
329	COMS	E&R: Data Agg Internal Reports - Tag all components for initial iTEST Build	0%	Tue 2/24/09	Tue 2/24/09
330	COMS	E&R: Data Agg Internal Reports - Produce Bundle & Release Notes	0%	Wed 2/25/09	Wed 2/25/09
331	COMS	Deliver E&R: Data Agg Internal Reports - Migration to ITEST	0%	Wed 2/25/09	Wed 2/25/09
333	COMS	<b>Data Agg External Reports</b>	<b>38%</b>	<b>Mon 10/13/08</b>	<b>Tue 2/24/09</b>
334	COMS	E&R: Data Agg External Reports - Gather Requirements	100%	Mon 10/13/08	Fri 11/21/08
335	COMS	<b>E&amp;R: Data Agg External Reports - Code Reports</b>	<b>0%</b>	<b>Wed 2/11/09</b>	<b>Thu 2/19/09</b>
336	COMS	E&R: Data Agg External Reports - Code Reports	0%	Wed 2/11/09	Thu 2/19/09
337	COMS	E&R: Data Agg External Reports - Coding Complete	0%	Thu 2/19/09	Thu 2/19/09
338	COMS	<b>E&amp;R: Data Agg External Reports - PTEST (FAT) Testing</b>	<b>0%</b>	<b>Fri 2/20/09</b>	<b>Tue 2/24/09</b>
339	COMS	E&R: Data Agg External Reports - FAT TESTING - Default Profile ESID	0%	Fri 2/20/09	Tue 2/24/09
340	COMS	E&R: Data Agg External Reports - FAT TESTING - Load Estimation counts - Public	0%	Fri 2/20/09	Tue 2/24/09
341	COMS	E&R: Data Agg External Reports - FAT TESTING -Load Estimation volume - Public	0%	Fri 2/20/09	Tue 2/24/09
342	COMS	E&R: Data Agg External Reports - FAT TESTING - Load Estimation counts - Certified	0%	Fri 2/20/09	Tue 2/24/09
343	COMS	E&R: Data Agg External Reports - FAT TESTING - Load Estimation volume - Certified	0%	Fri 2/20/09	Tue 2/24/09
344	COMS	E&R: Data Agg External Reports - FAT TESTING - Actual Transmission Loss Factor	0%	Fri 2/20/09	Tue 2/24/09
345	COMS	E&R: Data Agg External Reports - FAT TESTING - Forecasted Transmission Loss Factor	0%	Fri 2/20/09	Tue 2/24/09
346	COMS	E&R: Data Agg External Reports - FAT TESTING - Forecasted Distribution Loss Factor	0%	Fri 2/20/09	Tue 2/24/09
347	COMS	E&R: Data Agg External Reports - FAT TESTING - Actual distribution Loss Factor	0%	Fri 2/20/09	Tue 2/24/09
348	COMS	E&R: Data Agg External Reports - FAT TESTING - Data Aggregation Daily Postings	0%	Fri 2/20/09	Tue 2/24/09
349	COMS	E&R: Data Agg External Reports - FAT TESTING - WS & NWS IDR Proxy Dates	0%	Fri 2/20/09	Tue 2/24/09
350	COMS	E&R: Data Agg External Reports - FAT TESTING - Annual Distribution Loss Factors	0%	Fri 2/20/09	Tue 2/24/09
351	COMS	E&R: Data Agg External Reports - FAT TESTING - UFE Analysis Report	0%	Fri 2/20/09	Tue 2/24/09
352	COMS	E&R: Data Agg External Reports - FAT TESTING - Capacity Factors by Resource	0%	Fri 2/20/09	Tue 2/24/09
353	COMS	Deliver E&R: Data Agg External Reports FAT Testing to iTEST	0%	Tue 2/24/09	Tue 2/24/09
355	COMS	<b>Settlements &amp; Billing/Data Agg Supplemental/Refactoring</b>	<b>82%</b>	<b>Mon 11/3/08</b>	<b>Tue 2/3/09</b>
356	COMS	<b>S&amp;B/Data Agg Refactor 1</b>	<b>82%</b>	<b>Mon 11/3/08</b>	<b>Tue 2/3/09</b>
357	COMS	S&B/DA RF1 - Confirm Scope & Requirements	100%	Mon 11/3/08	Mon 11/17/08

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ID	Project Name	Task Name	% Complete	Start	Finish
358	COMS	S&B/Da RF1 - Make Code Changes	100%	Tue 11/18/08	Thu 1/8/09
359	COMS	S&B/DA RF1 - Generate Test Data	100%	Tue 11/18/08	Thu 1/8/09
360	COMS	S&B/DA RF1 - Code base complete	100%	Thu 1/8/09	Thu 1/8/09
361	COMS	<b>S&amp;B/DA Refactor 1 PTEST</b>	50%	Fri 1/9/09	Thu 1/29/09
362	COMS	S&B/DA RF1 - FAT/Business testing	50%	Fri 1/9/09	Thu 1/29/09
363	COMS	S&B/DA RF1 - Correct FAT Defects	50%	Tue 1/13/09	Fri 1/23/09
364	COMS	S&B/DA RF1 - FAT/business testing Complete	0%	Thu 1/29/09	Thu 1/29/09
365	COMS	<b>Migration S&amp;B/DA Refactor 1</b>	0%	Fri 1/30/09	Tue 2/3/09
366	COMS	S&B/DA RF 1 - Generate MMCR	0%	Fri 1/30/09	Fri 1/30/09
367	COMS	S&B/DA RF 1 - Tag all components for initial iTEST Build	0%	Fri 1/30/09	Fri 1/30/09
368	COMS	S&B/DA RF 1 - Produce Bundle & Release Notes	0%	Mon 2/2/09	Tue 2/3/09
369	COMS	Deliver S&B/DA RF 1 - Migration to ITEST	0%	Tue 2/3/09	Tue 2/3/09
371	COMS	<b>CSI Supplemental/Refactoring</b>	0%	Mon 2/2/09	Thu 4/23/09
372	COMS	<b>CSI Release 7.0 (S&amp;B &amp; CMM Long Day-Short Day)</b>	0%	Mon 2/2/09	Thu 4/23/09
373	COMS	CSI 7.0 - Confirm Scope & Requirements	0%	Mon 2/2/09	Mon 3/2/09
374	COMS	CSI 7.0 - Code Framework	0%	Tue 3/3/09	Mon 3/30/09
375	COMS	CSI 7.0 - Code business logic	0%	Tue 3/3/09	Mon 3/30/09
376	COMS	CSI 7.0 - Generate Test Data	0%	Tue 3/3/09	Mon 3/30/09
377	COMS	CSI 7.0 - Code Integration of business logic & Framework (orchestration)	0%	Tue 3/3/09	Mon 3/30/09
378	COMS	CSI 7.0 - Code base complete	0%	Mon 3/30/09	Mon 3/30/09
379	COMS	<b>CSI Release 7.0 PTEST</b>	0%	Tue 3/31/09	Mon 4/20/09
380	COMS	CSI 7.0 - FAT/Business testing - cycle 1	0%	Tue 3/31/09	Mon 4/6/09
381	COMS	CSI 7.0 - Code drop - FAT/bug fixes	0%	Thu 4/2/09	Wed 4/15/09
382	COMS	CSI 7.0 - FAT/Business testing - cycle 2	0%	Thu 4/16/09	Mon 4/20/09
383	COMS	CSI 7.0 - FAT/business testing Complete	0%	Mon 4/20/09	Mon 4/20/09
384	COMS	<b>Migration CSI 7.0</b>	0%	Tue 4/21/09	Thu 4/23/09
385	COMS	CSI 7.0 - Generate MMCR	0%	Tue 4/21/09	Tue 4/21/09
386	COMS	CSI 7.0 - Tag all components for initial iTEST Build	0%	Tue 4/21/09	Tue 4/21/09
387	COMS	CSI 7.0 - Produce Bundle & Release Notes	0%	Wed 4/22/09	Thu 4/23/09
388	COMS	Deliver CSI 7.0 - Migration to ITEST	0%	Thu 4/23/09	Thu 4/23/09
390	COMS	COMS: Settlements & Billing / Data Agg / CSI Complete	0%	Thu 4/23/09	Thu 4/23/09
391	COMS	<b>COMS: S&amp;B Integration Testing Support</b>	12%	Mon 10/13/08	Wed 9/2/09
392	COMS	<b>Integration Release 3.0</b>	100%	Mon 10/13/08	Fri 12/19/08
393	COMS	<b>Planning</b>	100%	Mon 10/13/08	Fri 11/7/08
394	COMS	<b>Infrastructure</b>	100%	Mon 11/3/08	Fri 11/7/08

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
395	COMS	Confirm IR Infrastructure in Place	100%	Mon 11/3/08	Fri 11/7/08
396	COMS	IR3 - Infrastructure Ready for Test	100%	Fri 11/7/08	Fri 11/7/08
397	COMS	<b>IR3 - Develop COMS Business Scenarios</b>	<b>100%</b>	<b>Mon 10/13/08</b>	<b>Fri 10/17/08</b>
398	COMS	IR3 - Define PreProcessing Activites	100%	Mon 10/13/08	Fri 10/17/08
399	COMS	IR3 - Define Post Processing Activities	100%	Mon 10/13/08	Fri 10/17/08
400	COMS	IR3 - COMS DAM Business Scenarios Defined	100%	Mon 10/13/08	Mon 10/13/08
401	COMS	<b>IR3 - Finalize Data Set to support Business Scenarios</b>	<b>100%</b>	<b>Mon 10/13/08</b>	<b>Fri 10/31/08</b>
402	COMS	Map Upstream Functional Capabilities to Bids/Inputs	100%	Mon 10/13/08	Fri 10/24/08
403	COMS	Map Downstream Functional Capabilities to Bill Determinants	100%	Mon 10/27/08	Tue 10/28/08
404	COMS	Generate Data Set to Support Functional Scenarios	100%	Wed 10/29/08	Fri 10/31/08
405	COMS	IR3 - Baselined Data Set Completed	100%	Fri 10/31/08	Fri 10/31/08
406	COMS	<b>Execution</b>	<b>100%</b>	<b>Mon 11/3/08</b>	<b>Fri 12/19/08</b>
407	COMS	<b>IR3 -Execute DAM Functional Scenarios</b>	<b>100%</b>	<b>Mon 11/3/08</b>	<b>Fri 12/19/08</b>
408	COMS	IR3 - Perform Initial Connectivity	100%	Mon 11/3/08	Fri 11/21/08
409	COMS	IR3 - Perform Pre-Processing Activites	100%	Mon 11/24/08	Fri 12/19/08
410	COMS	IR3 - Perform Post Processing Activities	100%	Mon 12/8/08	Fri 12/19/08
411	COMS	IR3 - Repair Integration Defects	100%	Wed 11/5/08	Fri 12/19/08
412	COMS	IR3 - Functional Scenarios Complete	100%	Fri 12/19/08	Fri 12/19/08
413	COMS	<b>S&amp;B ITEST Support/Refactoring</b>	<b>1%</b>	<b>Mon 1/5/09</b>	<b>Wed 9/2/09</b>
414	COMS	S&B ITRF - Develop Refactored Code	5%	Mon 1/5/09	Mon 6/22/09
415	COMS	S&B ITRF - Perform FAT Test for Refactored Components	0%	Mon 1/19/09	Tue 9/1/09
416	COMS	S&B ITRF - Generate Test Data for Refactored Components	0%	Mon 1/19/09	Tue 9/1/09
417	COMS	S&B ITRF - Perform Regression Testing for Refactored Components	0%	Mon 2/9/09	Wed 9/2/09
418	COMS	S&B ITRF - Refactoring Complete	0%	Wed 9/2/09	Wed 9/2/09
419	COMS	<b>CSI ITEST Support/Refactoring</b>	<b>0%</b>	<b>Wed 4/15/09</b>	<b>Mon 7/27/09</b>
420	COMS	CSI ITRF - Develop General ITEST Refactored Code	0%	Fri 4/24/09	Mon 7/20/09
422	COMS	Receive MMS5: Release from MMS	0%	Wed 4/15/09	Wed 4/15/09
424	COMS	CSI ITRF - MMS5 Refactoring	0%	Fri 4/24/09	Thu 5/21/09
425	COMS	CSI ITRF - Perform FAT Test for Refactored Components	0%	Fri 5/8/09	Mon 7/6/09
426	COMS	CSI ITRF - Generate Test Data for Refactored Components	0%	Fri 5/8/09	Mon 7/6/09
427	COMS	CSI ITRF - Perform Regression Testing for Refactored Components	0%	Mon 6/1/09	Mon 7/27/09
428	COMS	CSI ITRF - Refactoring Complete	0%	Mon 7/27/09	Mon 7/27/09
429	COMS	COMS: S&B Integration Testing Support Complete	0%	Wed 9/2/09	Wed 9/2/09
430	COMS	<b>COMS: S&amp;B/Data Agg/ CSI Pre-Production Activities</b>	<b>0%</b>	<b>Thu 9/3/09</b>	<b>Tue 11/10/09</b>
431	COMS	<b>Documentation</b>	<b>0%</b>	<b>Thu 9/3/09</b>	<b>Tue 11/10/09</b>

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
432	COMS	PPA - Develop S&B "As Built" Requirements	0%	Thu 9/3/09	Thu 9/24/09
433	COMS	PPA - Develop S&B "As Built" CSD/Detailed Design Documents	0%	Fri 9/25/09	Thu 10/22/09
434	COMS	PPA - Develop S&B "As Built" Functional Decompositions	0%	Fri 9/25/09	Thu 10/22/09
435	COMS	PPA - Develop Data Agg "As Built" Requirements	0%	Thu 9/3/09	Thu 9/24/09
436	COMS	PPA - Develop Data Agg "As Built" CSD/Detailed Design Documents	0%	Fri 9/25/09	Thu 10/22/09
437	COMS	PPA - Develop Data Agg "As Built" Functional Decompositions	0%	Fri 9/25/09	Thu 10/22/09
438	COMS	PPA - Develop CSI "As Built" Requirements	0%	Thu 9/3/09	Thu 9/24/09
439	COMS	PPA - Develop CSI "As Built" CSD/Detailed Design Documents	0%	Fri 9/25/09	Thu 10/22/09
440	COMS	PPA - Develop CSI "As Built" Functional Decompositions	0%	Fri 9/25/09	Thu 10/22/09
441	COMS	PPA - Develop COMS End-to-End Operational Ready regression Test Scripts	0%	Fri 10/23/09	Tue 11/10/09
442	COMS	PPA - Artifact Update Complete	0%	Tue 11/10/09	Tue 11/10/09
443	COMS	<b>COMS: Financial Transfer UI/Lodestar</b>	<b>58%</b>	<b>Mon 6/2/08</b>	<b>Tue 5/19/09</b>
444	COMS	Start for Master Schedulers	100%	Mon 6/2/08	Mon 6/2/08
445	COMS	<b>FT Artifacts</b>	<b>78%</b>	<b>Mon 6/2/08</b>	<b>Tue 3/31/09</b>
446	COMS	<b>FT Business Requirements</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 9/22/08</b>
447	COMS	FT UI Requirements Completed	100%	Mon 6/2/08	Fri 6/13/08
448	COMS	Update FT UI Requirements	100%	Mon 8/18/08	Mon 9/22/08
449	COMS	Update FT UI Requirements Complete	100%	Fri 9/19/08	Fri 9/19/08
450	COMS	<b>FT Test Plans &amp; Cases for UI &amp; Lodestar</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/17/08</b>
451	COMS	<b>FT Phase 1 Lodestar Piece</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 6/27/08</b>
452	COMS	FT Phase 1 Lodestar Piece Detailed Test Cases	100%	Mon 6/2/08	Fri 6/27/08
453	COMS	FT Phase 1 Lodestar Piece Test Cases Completed	100%	Fri 6/27/08	Fri 6/27/08
454	COMS	<b>FT Phase 2 Gui Piece</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/17/08</b>
455	COMS	FT Phase 2 GUI Piece Test Plan	100%	Mon 6/2/08	Mon 7/28/08
456	COMS	<b>FT Phase 2 GUI Piece Use Cases</b>	<b>100%</b>	<b>Tue 9/9/08</b>	<b>Mon 9/22/08</b>
457	COMS	FT Update Phase 2 GUI Use Cases	100%	Tue 9/9/08	Mon 9/22/08
458	COMS	FT Phase 2 GUI Use Cases Approved	100%	Mon 9/22/08	Mon 9/22/08
459	COMS	<b>FT Phase 2 GUI Test Cases</b>	<b>100%</b>	<b>Tue 9/23/08</b>	<b>Fri 10/17/08</b>
460	COMS	FT Update Phase 2 GUI Test Cases	100%	Tue 9/23/08	Fri 10/17/08
461	COMS	<b>FT Phase 2 GUI Test Scripts</b>	<b>100%</b>	<b>Tue 9/23/08</b>	<b>Fri 10/17/08</b>
462	COMS	FT Update Phase 2 GUI Test Scripts	100%	Tue 9/23/08	Fri 10/17/08
463	COMS	FT Test Plans & Cases for Phase 2 GUI & Phase 1 Lodestar Complete	100%	Fri 10/17/08	Fri 10/17/08
464	COMS	<b>FT Phase 2 GUI Functional Specification</b>	<b>47%</b>	<b>Tue 9/23/08</b>	<b>Thu 2/12/09</b>
465	COMS	FT Update Phase 2 Functional Specification	47%	Tue 9/23/08	Thu 2/12/09
466	COMS	FT Phase 2 Functional Specification Completed	0%	Thu 2/12/09	Thu 2/12/09

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ID	Project Name	Task Name	% Complete	Start	Finish
467	<b>COMS</b>	<b>FT Migration Control Documentation</b>	<b>0%</b>	<b>Wed 3/25/09</b>	<b>Tue 3/31/09</b>
468	COMS	FT Create Migration Control Document	0%	Wed 3/25/09	Tue 3/31/09
469	<b>COMS</b>	<b>FT Security Risk Assessment</b>	<b>100%</b>	<b>Tue 7/15/08</b>	<b>Tue 7/22/08</b>
470	COMS	FT Create App Dev Security Risk Assessment	100%	Tue 7/15/08	Mon 7/21/08
471	COMS	FT Approve Risk Assessment	100%	Tue 7/22/08	Tue 7/22/08
472	<b>COMS</b>	<b>FT Development</b>	<b>68%</b>	<b>Mon 6/2/08</b>	<b>Tue 3/24/09</b>
473	<b>COMS</b>	<b>FT Phase 2 GUI Internal Portal</b>	<b>50%</b>	<b>Thu 8/28/08</b>	<b>Tue 3/10/09</b>
474	COMS	FT Create Phase 2 GUI Internal Portal	90%	Thu 8/28/08	Tue 1/20/09
475	COMS	FT Create Phase 2 GUI Internal Roles	20%	Fri 10/3/08	Tue 1/27/09
476	<b>COMS</b>	<b>FT Commercial Operations</b>	<b>0%</b>	<b>Wed 1/28/09</b>	<b>Tue 3/10/09</b>
477	<b>COMS</b>	<b>FT Create Phase 2 GUI Production Support Documentation</b>	<b>0%</b>	<b>Wed 1/28/09</b>	<b>Tue 3/10/09</b>
478	COMS	FT Create Phase 2 GUI Operations Guide	0%	Wed 1/28/09	Tue 3/10/09
479	COMS	FT Phase 2 GUI Internal Portal Complete	0%	Tue 3/10/09	Tue 3/10/09
480	<b>COMS</b>	<b>FT Phase 1 Build &amp; Code for Lodestar</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 8/25/08</b>
481	COMS	FT Phase 1 Lodestar Metadata Changes for FT tables incorporated	100%	Mon 6/2/08	Mon 8/25/08
482	COMS	FT Phase 1 Lodestar Metadata Changes for FT tables incorporated Complete	100%	Mon 8/25/08	Mon 8/25/08
483	<b>COMS</b>	<b>FT Phase 2 GUI Build &amp; Code</b>	<b>82%</b>	<b>Mon 8/25/08</b>	<b>Tue 3/24/09</b>
484	COMS	FT Phase 2 GUI Build Code	90%	Mon 8/25/08	Fri 1/30/09
485	COMS	FT Population of Bank Data into FT Lodestar Tables	0%	Wed 3/11/09	Tue 3/24/09
486	COMS	FT Complete Phase 2 GUI BuildCode	0%	Tue 3/24/09	Tue 3/24/09
487	COMS	FT Phase 2 GUI Development Complete	0%	Tue 3/24/09	Tue 3/24/09
488	<b>COMS</b>	<b>FT Testing</b>	<b>0%</b>	<b>Wed 3/11/09</b>	<b>Thu 4/23/09</b>
489	<b>COMS</b>	<b>FT Phase 1 unit/FAT Testing</b>	<b>0%</b>	<b>Wed 3/11/09</b>	<b>Thu 4/23/09</b>
490	COMS	FT Phase 1 Lodestar FAT Testing	0%	Wed 3/11/09	Thu 4/23/09
491	<b>COMS</b>	<b>Phase 2 GUI FAT Testing</b>	<b>0%</b>	<b>Wed 3/11/09</b>	<b>Tue 4/21/09</b>
492	COMS	FT Phase 2 GUI FAT Testing	0%	Wed 3/11/09	Tue 3/31/09
493	COMS	FT Phase 2 GUI Send CSV File to Financial Institute for Validation	0%	Wed 4/1/09	Tue 4/21/09
494	COMS	FT Complete FAT for Phase 1 Lodestar & Phase 2 GUI	0%	Tue 4/21/09	Tue 4/21/09
495	<b>COMS</b>	<b>FT Defect Correction &amp; Break Fix Cycles</b>	<b>0%</b>	<b>Wed 3/25/09</b>	<b>Tue 5/19/09</b>
496	<b>COMS</b>	<b>FT Phase 1 Lodestar</b>	<b>0%</b>	<b>Wed 4/1/09</b>	<b>Tue 5/19/09</b>
497	COMS	FT Phase 2 Lodestar FAT migrations (every week on Friday as needed)	0%	Wed 4/1/09	Tue 4/28/09
498	COMS	FT Phase 1 Lodestar iTEST/EDS Migrations (every 2 weeks controlled by RM)	0%	Wed 4/22/09	Tue 5/19/09
499	COMS	Deliver FT Phase 1 Lodestar iTEST/EDS Migrations	0%	Tue 5/19/09	Tue 5/19/09
501	<b>COMS</b>	<b>FT Phase 2 GUI</b>	<b>0%</b>	<b>Wed 3/25/09</b>	<b>Tue 4/21/09</b>
502	COMS	FT Phase 2 GUI FAT Migrations (every 2 weeks as needed)	0%	Wed 3/25/09	Tue 4/21/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
503	COMS	FT Phase 2 GUI iTEST/EDS Migrations (every 8 weeks controlled by RM)	0%	Wed 3/25/09	Tue 4/21/09
504	COMS	Deliver FT Phase 2 GUI iTEST/EDS Migrations	0%	Tue 4/21/09	Tue 4/21/09
506	COMS	COMS: Financial Transfer Complete	0%	Tue 5/19/09	Tue 5/19/09
507	COMS	COMS: FT Integration Test Support	0%	Wed 4/22/09	Mon 5/18/09
508	COMS	FT iTEST Testing	0%	Wed 4/22/09	Mon 5/18/09
509	COMS	FT Migration Control & Release Management	0%	Wed 4/22/09	Mon 5/18/09
510	COMS	FT Business Verification	0%	Wed 4/22/09	Mon 5/18/09
511	COMS	FT Bug Fix Migrations	0%	Wed 4/22/09	Mon 5/18/09
512	COMS	FT Security Testing	0%	Wed 4/22/09	Mon 5/18/09
513	COMS	FT Security Test	0%	Wed 4/22/09	Tue 4/28/09
514	COMS	FT Security Approval	0%	Mon 5/18/09	Mon 5/18/09
515	COMS	COMS FT Integration Test Support Complete	0%	Mon 5/18/09	Mon 5/18/09
516	COMS	COMS: Credit Monitoring & Management	60%	Mon 6/2/08	Wed 4/29/09
517	COMS	Start	100%	Mon 6/2/08	Mon 6/2/08
518	COMS	Artifacts	58%	Mon 6/2/08	Wed 4/1/09
519	COMS	CMM Approval of Baseline 3 Credit NPRRs	100%	Mon 6/2/08	Tue 11/4/08
520	COMS	CMM Requirements Document	79%	Mon 6/2/08	Thu 1/29/09
521	COMS	CMM Version 1.0	100%	Mon 6/2/08	Mon 8/4/08
522	COMS	Credit Monitoring & Management - Requirements	100%	Mon 6/2/08	Mon 8/4/08
523	COMS	CMM Interface Requirements	100%	Mon 6/2/08	Mon 8/4/08
524	COMS	CMM Requirements 1.0 complete & posted	100%	Fri 8/1/08	Fri 8/1/08
525	COMS	CMM Version 2.0	100%	Mon 8/4/08	Thu 8/7/08
526	COMS	Credit Monitoring & Management - Requirements 2.0	100%	Mon 8/4/08	Thu 8/7/08
527	COMS	CMM Requirements 2.0 complete & posted	100%	Thu 8/7/08	Thu 8/7/08
528	COMS	CMM Version 3.0 - NPRR True-Up	100%	Fri 8/8/08	Wed 12/3/08
529	COMS	Credit Monitoring & Management - Requirements	100%	Fri 8/8/08	Fri 10/24/08
530	COMS	CMM Custom Management Requirements	100%	Fri 8/8/08	Wed 12/3/08
531	COMS	CMM - External Reports - Requirement Final	100%	Fri 8/8/08	Fri 10/10/08
532	COMS	CMM - Credit Exposure Adjustments - Requirement Final	100%	Fri 8/8/08	Wed 12/3/08
533	COMS	CMM - Credit Scoring - Requirement Final	100%	Fri 8/8/08	Fri 10/24/08
534	COMS	CMM - ACL Screens & Adjustments	100%	Fri 8/8/08	Fri 10/31/08
535	COMS	CMM - Bilateral Trade	100%	Fri 8/8/08	Fri 10/17/08
536	COMS	CMM - Interface Requirements True Up	100%	Fri 8/8/08	Mon 10/27/08
537	COMS	CMM 4.1 - Requirements Complete	100%	Wed 12/3/08	Wed 12/3/08
538	COMS	CMM 4.2 - Requirements	6%	Thu 12/4/08	Wed 1/14/09

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ID	Project Name	Task Name	% Complete	Start	Finish
539	COMS	CMM 4.2 - Run Exposure Calc	6%	Thu 12/4/08	Wed 1/14/09
540	COMS	CMM 4.2 - Request Collateral	6%	Thu 12/4/08	Wed 1/14/09
541	COMS	CMM 4.2 - Bug Fixes	6%	Thu 12/4/08	Wed 1/14/09
542	COMS	CMM - 4.2 Requirements complete	0%	Wed 1/14/09	Wed 1/14/09
543	<b>COMS</b>	<b>CMM 4.3 - Remaining Functions</b>	<b>0%</b>	<b>Fri 12/19/08</b>	<b>Thu 1/29/09</b>
544	COMS	CMM 4.3 - Perform Default Process	0%	Fri 12/19/08	Thu 1/29/09
545	COMS	CMM 4.3 - Receive Maintenance Entity Screen	0%	Fri 12/19/08	Thu 1/29/09
546	COMS	CMM 4.3 - Update Screen Validations	0%	Fri 12/19/08	Thu 1/29/09
547	COMS	CMM 4.3 - Bug Fixes	0%	Fri 12/19/08	Thu 1/29/09
548	COMS	CMM 4.3 - Requirements Complete	0%	Thu 1/29/09	Thu 1/29/09
549	COMS	CMM - Requirements 3.0 complete & posted	0%	Thu 1/29/09	Thu 1/29/09
550	<b>COMS</b>	<b>CMM CSD Document</b>	<b>100%</b>	<b>Fri 8/1/08</b>	<b>Fri 10/31/08</b>
551	<b>COMS</b>	<b>CMM - Version 1.0</b>	<b>100%</b>	<b>Fri 8/1/08</b>	<b>Fri 8/1/08</b>
552	COMS	CMM - Credit Monitoring & Management	100%	Fri 8/1/08	Fri 8/1/08
553	COMS	CMM - CSD 1.0 Complete & posted	100%	Fri 8/1/08	Fri 8/1/08
554	<b>COMS</b>	<b>CMM - Version 2.0</b>	<b>100%</b>	<b>Thu 8/7/08</b>	<b>Thu 8/7/08</b>
555	COMS	CMM - Credit Monitoring & Management	100%	Thu 8/7/08	Thu 8/7/08
556	COMS	CMM - CSD 2.0 Complete & Posted	100%	Thu 8/7/08	Thu 8/7/08
557	<b>COMS</b>	<b>CMM - Version 3.0</b>	<b>100%</b>	<b>Fri 8/15/08</b>	<b>Fri 10/31/08</b>
558	COMS	CMM - Credit Monitoring & Management Base	100%	Fri 8/15/08	Wed 9/3/08
559	<b>COMS</b>	<b>CMM - Custom Mangement (4.1, 4.2, 4.3)</b>	<b>100%</b>	<b>Mon 10/13/08</b>	<b>Fri 10/31/08</b>
560	COMS	CMM - External Reports	100%	Mon 10/13/08	Fri 10/17/08
561	COMS	CMM - Credit Exposure Adjustment	100%	Mon 10/27/08	Wed 10/29/08
562	COMS	CMM - Credit Scoring	100%	Mon 10/27/08	Mon 10/27/08
563	COMS	CMM - ACL Screens & Adjustments	100%	Fri 10/31/08	Fri 10/31/08
564	COMS	CMM - Bilateral Trade	100%	Mon 10/20/08	Fri 10/24/08
565	COMS	CMM - CSD 3.0 Complete & Posted	100%	Fri 10/31/08	Fri 10/31/08
566	<b>COMS</b>	<b>CMM - Detailed Designs</b>	<b>66%</b>	<b>Mon 8/4/08</b>	<b>Wed 3/11/09</b>
567	COMS	CMM Detailed Analysis & Design Requirements (DADs) 4.1	93%	Mon 8/4/08	Fri 12/19/08
568	COMS	CMM Detailed Analysis & Design Requirements (DADs) Phase II - 4.2	0%	Thu 1/15/09	Wed 2/11/09
569	COMS	CMM Detailed Analysis & Design Requirements (DADs) Phase III - 4.3	0%	Thu 2/12/09	Wed 3/11/09
570	COMS	CMM Detail Designs Complete	0%	Wed 3/11/09	Wed 3/11/09
571	<b>COMS</b>	<b>CMM - Testing Artifacts</b>	<b>61%</b>	<b>Mon 6/2/08</b>	<b>Thu 1/22/09</b>
572	<b>COMS</b>	<b>CMM Base Product Release</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
573	COMS	CMM - Test Plan	100%	Mon 6/2/08	Mon 6/2/08

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ID	Project Name	Task Name	% Complete	Start	Finish
574	COMS	CMM - Test Cases	100%	Mon 6/2/08	Mon 6/2/08
575	COMS	CMM - Test Scripts	100%	Mon 6/2/08	Mon 6/2/08
576	<b>COMS</b>	<b>CMM 4.1 Testing Artifacts</b>	<b>61%</b>	<b>Tue 8/26/08</b>	<b>Thu 1/22/09</b>
577	COMS	CMM - 4.1 Test Plan	100%	Tue 8/26/08	Tue 11/18/08
578	COMS	CMM - 4.1 Test Cases	50%	Mon 9/15/08	Wed 12/17/08
579	COMS	CMM - 4.1 Test Scripts	40%	Mon 9/15/08	Thu 1/22/09
580	COMS	CMM 4.1 Testing Artifacts Complete	0%	Wed 3/11/09	Wed 3/11/09
581	<b>COMS</b>	<b>CMM 4.2 Testing Artifacts</b>	<b>0%</b>	<b>Thu 1/15/09</b>	<b>Wed 2/18/09</b>
582	COMS	CMM - 4.2 Test Plan	0%	Thu 1/15/09	Wed 1/21/09
583	COMS	CMM - 4.2 Test Cases	0%	Thu 1/22/09	Wed 2/18/09
584	COMS	CMM - 4.2 Test Scripts	0%	Thu 1/22/09	Wed 2/18/09
585	COMS	CMM 4.2 Testing Artifacts Complete	0%	Wed 2/18/09	Wed 2/18/09
586	<b>COMS</b>	<b>CMM 4.3 Custom Management Release Testing Artifacts</b>	<b>0%</b>	<b>Thu 3/12/09</b>	<b>Wed 4/1/09</b>
587	COMS	CMM - 4.3 Test Plan	0%	Thu 3/12/09	Wed 3/18/09
588	COMS	CMM - 4.3 Test Cases	0%	Thu 3/19/09	Wed 4/1/09
589	COMS	CMM - 4.3 Test Scripts	0%	Thu 3/19/09	Wed 4/1/09
590	COMS	CMM 4.3 Testing Artifacts Complete	0%	Wed 4/1/09	Wed 4/1/09
591	<b>COMS</b>	<b>Operations Artifacts</b>	<b>13%</b>	<b>Fri 8/8/08</b>	<b>Mon 3/30/09</b>
592	COMS	Operations Guide (IT)	11%	Fri 8/8/08	Mon 3/30/09
593	COMS	Maintenance Guide (IT)	11%	Fri 8/8/08	Mon 3/30/09
594	COMS	Business Process (business)	20%	Fri 10/3/08	Mon 1/12/09
595	COMS	Operations Artifacts complete	0%	Mon 3/30/09	Mon 3/30/09
596	<b>COMS</b>	<b>Infrastructure</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 10/21/08</b>
597	<b>COMS</b>	<b>COMS: Credit Monitoring &amp; Management</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 10/21/08</b>
598	COMS	Development environment ready	100%	Mon 6/2/08	Mon 6/2/08
599	COMS	iTEST environment ready	100%	Mon 6/2/08	Mon 6/2/08
600	COMS	EDS/Production environment ready	100%	Mon 6/2/08	Tue 10/21/08
601	<b>COMS</b>	<b>Development &amp; Construction</b>	<b>50%</b>	<b>Mon 6/2/08</b>	<b>Wed 4/22/09</b>
602	COMS	CMM Base Product Release (Includes Pre-FAT)	100%	Mon 6/2/08	Fri 7/11/08
603	<b>COMS</b>	<b>CMM Release 4.1</b>	<b>74%</b>	<b>Mon 11/3/08</b>	<b>Fri 12/19/08</b>
604	COMS	CMM - 4.1 External Reports	50%	Mon 11/3/08	Fri 12/19/08
605	COMS	CMM - 4.1 Credit Exposure Component Adjustment	90%	Mon 11/3/08	Fri 12/19/08
606	COMS	CMM - 4.1 Credit Scoring	90%	Mon 11/3/08	Fri 12/19/08
607	COMS	CMM - 4.1 ACL Screen & Adjustment	66%	Mon 11/3/08	Fri 12/19/08
608	COMS	CMM - 4.1 Bilateral Trade	75%	Mon 11/3/08	Fri 12/19/08
					Wed 1/14/09

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ID	Project Name	Task Name	% Complete	Start	Finish
609	COMS	CMM 4.1 Development Complete	0%	Fri 12/19/08	Fri 12/19/08
610	<b>COMS</b>	<b>CMM Release 4.2</b>	<b>0%</b>	<b>Thu 2/12/09</b>	<b>Wed 3/25/09</b>
611	COMS	CMM - 4.2 Bug Fixes	0%	Thu 2/12/09	Wed 3/25/09
612	COMS	CMM - 4.2 Run Exposure Calc	0%	Thu 2/12/09	Wed 3/25/09
613	COMS	CMM - 4.2 Request Collateral	0%	Thu 2/12/09	Wed 3/25/09
614	COMS	CMM - 4.2 Development Complete	0%	Wed 3/25/09	Wed 3/25/09
615	<b>COMS</b>	<b>CMM Release 4.3</b>	<b>0%</b>	<b>Thu 3/12/09</b>	<b>Wed 4/22/09</b>
616	COMS	CMM - 4.3 Refactoring & Bug Fixes	0%	Thu 3/12/09	Wed 4/22/09
617	COMS	CMM 4.3 Development Complete	0%	Wed 4/22/09	Wed 4/22/09
618	<b>COMS</b>	<b>CMM/CSI Integration Release Development</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
619	<b>COMS</b>	<b>Release 3.1 - ROME developed Interfaces (Import / Export routines &amp; control table code)</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
620	COMS	CMM -> CRR: CRR ACL	100%	Mon 6/2/08	Mon 6/2/08
621	COMS	CRR -> CMM: CRR ACL Accepted	100%	Mon 6/2/08	Mon 6/2/08
622	COMS	CRR -> CMM: CRR Bilateral Trade Request	100%	Mon 6/2/08	Mon 6/2/08
623	COMS	CMM -> CRR: CRR Bilateral Trade Response	100%	Mon 6/2/08	Mon 6/2/08
624	COMS	Excel -> CMM: CRR Calendar Loads	100%	Mon 6/2/08	Mon 6/2/08
625	COMS	CMM ~ MMS: DAM Calculated ACL	100%	Mon 6/2/08	Mon 6/2/08
626	COMS	CSI -> CMM: DAM ACL received indicator	100%	Mon 6/2/08	Mon 6/2/08
627	COMS	CMM ~ REG: LE Creditworthy Flag	100%	Mon 6/2/08	Mon 6/2/08
628	COMS	Reg -> CMM: Entity Details	100%	Mon 6/2/08	Mon 6/2/08
629	COMS	Reg -> CMM: Entity Address	100%	Mon 6/2/08	Mon 6/2/08
630	COMS	Reg -> CMM: Entity Contacts	100%	Mon 6/2/08	Mon 6/2/08
631	COMS	Reg -> CMM: Entity Bank Accounts	100%	Mon 6/2/08	Mon 6/2/08
632	<b>COMS</b>	<b>CMM - External Report Infrastructure</b>	<b>100%</b>	<b>Tue 12/2/08</b>	<b>Thu 12/4/08</b>
633	COMS	Report ID Created	100%	Tue 12/2/08	Thu 12/4/08
634	COMS	MIR DB configuration	100%	Tue 12/2/08	Thu 12/4/08
635	COMS	MID Configuration	100%	Tue 12/2/08	Thu 12/4/08
636	COMS	Report Folders Created	100%	Tue 12/2/08	Thu 12/4/08
637	COMS	External Reports Development Completed	100%	Thu 12/4/08	Thu 12/4/08
638	COMS	CMM Development & Unit Test Complete	0%	Wed 4/22/09	Wed 4/22/09
639	<b>COMS</b>	<b>CMM - FAT Testing Phases</b>	<b>85%</b>	<b>Mon 6/2/08</b>	<b>Wed 4/29/09</b>
640	COMS	CMM Base Product Release FAT	100%	Mon 6/2/08	Mon 6/2/08
641	COMS	CMM Custom Calculation Release FAT	100%	Mon 6/2/08	Mon 6/2/08
642	<b>COMS</b>	<b>CMM Integration Testing Phases</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Fri 10/3/08</b>
643	<b>COMS</b>	<b>CMM 3.1 - ROME developed Interfaces</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Wed 9/24/08</b>

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
644	COMS	Unit Testing (was included in Development time)	100%	Mon 6/2/08	Mon 6/2/08
645	COMS	FAT Testing	100%	Mon 6/2/08	Wed 9/24/08
646	COMS	Deliver CMM - 3.1 to iTest	100%	Mon 9/22/08	Mon 9/22/08
648	COMS	<b>CMM 3.2 - S&amp;B, CSI - ERCOT developed interfaces</b>	<b>100%</b>	<b>Wed 10/1/08</b>	<b>Fri 10/3/08</b>
649	COMS	CMM - 3.2 Unit Testing (also including pre-FAT)	100%	Wed 10/1/08	Fri 10/3/08
650	COMS	Deliver CMM - 3.2 to iTest	100%	Fri 10/3/08	Fri 10/3/08
652	COMS	<b>CMM - FAT Testing Custom Management</b>	<b>0%</b>	<b>Mon 1/5/09</b>	<b>Wed 4/29/09</b>
653	COMS	<b>Release 4.1 FAT</b>	<b>0%</b>	<b>Mon 1/5/09</b>	<b>Fri 1/9/09</b>
654	COMS	CMM - 4.1 Unit Testing (also including pre-FAT)	0%	Mon 1/5/09	Fri 1/9/09
655	COMS	Deliver CMM - 4.1 to EDW	0%	Fri 1/9/09	Fri 1/9/09
657	COMS	Deliver CMM - 4.1 to iTest	0%	Fri 1/9/09	Fri 1/9/09
659	COMS	<b>Release 4.2 FAT</b>	<b>0%</b>	<b>Thu 3/26/09</b>	<b>Wed 4/1/09</b>
660	COMS	CMM - 4.2 Unit Testing (also including pre-FAT)	0%	Thu 3/26/09	Wed 4/1/09
661	COMS	Deliver CMM - 4.2 to iTest	0%	Wed 4/1/09	Wed 4/1/09
663	COMS	<b>Release 4.3 FAT</b>	<b>0%</b>	<b>Thu 4/23/09</b>	<b>Wed 4/29/09</b>
664	COMS	CMM - 4.3 Unit Testing (also including pre-FAT)	0%	Thu 4/23/09	Wed 4/29/09
665	COMS	Deliver CMM - 4.3 to iTEST	0%	Wed 4/29/09	Wed 4/29/09
667	COMS	CMM - FAT Complete Custom Management	0%	Wed 4/29/09	Wed 4/29/09
668	COMS	CMM Project END	0%	Wed 4/29/09	Wed 4/29/09
669	COMS	<b>COMS: Registration / Disputes</b>	<b>79%</b>	<b>Mon 6/2/08</b>	<b>Mon 3/23/09</b>
670	COMS	<b>COMS REG Phase 4 / Disputes Phase 2</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 12/15/08</b>
671	COMS	COMS REG 4/DISP 2: Start Date for Master Schedulers	100%	Mon 6/2/08	Mon 6/2/08
672	COMS	<b>COMS REG 4/DISP 2: PLANNING</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 9/8/08</b>
673	COMS	<b>COMS REG 4/DISP 2: PLANNING PHASE</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Sat 9/6/08</b>
674	COMS	<b>COMS REG 4/DISP 2: BUSINESS REQUIREMENTS</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Thu 7/3/08</b>
675	COMS	COMS REG 4/DISP 2: Gather / Document Deferred defects & Requirements from prev phases	100%	Mon 6/2/08	Fri 6/27/08
676	COMS	COMS REG 4/DISP 2: Review & Approve included business requirements	100%	Mon 6/30/08	Thu 7/3/08
677	COMS	COMS REG 4/DISP 2: Business Requirements Complete	100%	Thu 7/3/08	Thu 7/3/08
678	COMS	<b>COMS REG 4/DISP 2: DETAILED DESIGN / SOFTWARE ARCHITECTURE</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 7/28/08</b>
679	COMS	COMS REG 4/DISP 2: Create & Update Detail Design / Software Architecture Document	100%	Mon 6/2/08	Thu 7/24/08
680	COMS	COMS REG 4/DISP 2: Submit Detail Design / Software Architecture Document for approval	100%	Fri 7/25/08	Mon 7/28/08
681	COMS	COMS REG 4/DISP 2: Detail Design / Software Architecture Document Complete	100%	Mon 7/28/08	Mon 7/28/08
682	COMS	<b>COMS REG 4/DISP 2: TEST PLAN</b>	<b>100%</b>	<b>Wed 7/30/08</b>	<b>Tue 8/5/08</b>
683	COMS	COMS REG 4/DISP 2: Create & Update Test Plan	100%	Wed 7/30/08	Mon 8/4/08
684	COMS	COMS REG 4/DISP 2: Review & Approve Test Plan	100%	Fri 8/1/08	Tue 8/5/08

Wed 1/14/09

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ID	Project Name	Task Name	% Complete	Start	Finish
685	COMS	COMS REG 4/DISP 2: Test Plan Complete	100%	Sat 9/6/08	Sat 9/6/08
686	COMS	COMS REG 4/DISP 2: Planning Complete	100%	Mon 9/8/08	Mon 9/8/08
687	COMS	COMS REG 4/DISP 2: EXECUTION	100%	Mon 6/2/08	Mon 12/15/08
688	COMS	COMS REG 4/DISP 2: EXECUTION & CONTROL PHASE	100%	Mon 6/2/08	Mon 12/15/08
689	COMS	COMS REG 4/DISP 2: DEVELOPMENT	100%	Mon 6/2/08	Mon 9/15/08
690	COMS	COMS REG 4/DISP 2: DEVELOPMENT CODING	100%	Mon 6/2/08	Tue 8/12/08
691	COMS	COMS REG 4/DISP 2: Code & Configure System Changes (Siebel)	100%	Mon 6/2/08	Mon 8/11/08
692	COMS	COMS REG 4/DISP 2: Extract tables build for Disputes (meta data changes)	100%	Mon 6/2/08	Tue 8/12/08
693	COMS	COMS REG 4/DISP 2: Development Coding Complete	100%	Mon 8/11/08	Mon 8/11/08
694	COMS	COMS REG 4/DISP 2: DEVELOPMENT UNIT TESTING COMPLETE	100%	Mon 6/2/08	Fri 8/15/08
695	COMS	COMS REG 4/DISP 2: Create Unit Test Scripts	100%	Mon 6/2/08	Mon 8/11/08
696	COMS	COMS REG 4/DISP 2: Execute unit Test Scripts	100%	Mon 8/11/08	Fri 8/15/08
697	COMS	COMS REG 4/DISP 2: Development Unit Testing Complete	100%	Mon 8/18/08	Mon 8/18/08
698	COMS	COMS REG 4/DISP 2: APPLICATION CODE RESYNCH IN DEVELOPMENT FOR DELIVERY	100%	Mon 8/18/08	Tue 8/19/08
699	COMS	COMS REG 4/DISP 2: Resynch Nodal development & Zonal build environment code for delivery	100%	Mon 8/18/08	Tue 8/19/08
700	COMS	COMS REG 4/DISP 2: Application Code Zonal Nodal Resynch development complete	100%	Tue 8/19/08	Tue 8/19/08
701	COMS	COMS REG 4/DISP 2: PRODUCT TESTING APPLICATION	100%	Tue 8/19/08	Fri 8/22/08
702	COMS	COMS REG 4/DISP 2: Create Product Testing Scripts	100%	Tue 8/19/08	Wed 8/20/08
703	COMS	COMS REG 4/DISP 2: Execute Product Test Scripts	100%	Wed 8/20/08	Fri 8/22/08
704	COMS	COMS REG 4/DISP 2: Product Test Application complete	100%	Fri 8/22/08	Fri 8/22/08
705	COMS	COMS REG 4/DISP 2: MIGRATION CONTROL DOCUMENT(S)	100%	Fri 8/22/08	Mon 9/15/08
706	COMS	COMS REG 4/DISP 2: Create Manual Migration Control Request (MMCR) for Siebel Development	100%	Fri 8/22/08	Fri 8/22/08
707	COMS	COMS REG 4/DISP 2: Review & Approve MMCR for Siebel Development	100%	Mon 8/25/08	Mon 8/25/08
708	COMS	COMS REG 4/DISP 2: Create Manual Migration Control Request (MMCR) for Tibco Development	100%	Fri 9/12/08	Fri 9/12/08
709	COMS	COMS REG 4/DISP 2: Review & Approve MMCR for Tibco Development	100%	Mon 9/15/08	Mon 9/15/08
710	COMS	COMS REG 4/DISP 2: Manual Migration Control Request (MMCR) Complete	100%	Mon 9/15/08	Mon 9/15/08
711	COMS	COMS REG 4/DISP 2: Development Complete	100%	Mon 9/15/08	Mon 9/15/08
712	COMS	COMS REG 4/DISP 2: TEST PLANNING	100%	Mon 6/2/08	Fri 10/3/08
713	COMS	COMS REG 4/DISP 2: FAT & INTEGRATION TEST CASES	100%	Tue 6/10/08	Fri 10/3/08
714	COMS	COMS REG 4/DISP 2: INTEGRATION (Registration to S&B) TEST CASES	100%	Tue 6/10/08	Fri 9/26/08
715	COMS	COMS REG 4/DISP 2: Create Integration Test Case (INT-Common Services)	100%	Tue 6/10/08	Mon 8/4/08
716	COMS	COMS REG 4/DISP 2: Create Integration Test Cases (INT-SNB MP)	100%	Tue 6/10/08	Mon 8/4/08
717	COMS	COMS REG 4/DISP 2: Create Integration Test Cases (INT-SNB RES)	100%	Tue 6/10/08	Mon 8/4/08
718	COMS	COMS REG 4/DISP 2: Create Integration Test Cases (INT - TIBCO MP)	100%	Tue 6/10/08	Mon 8/4/08
719	COMS	COMS REG 4/DISP 2: Create Integration Test Cases (INT - TIBCO RES)	100%	Tue 6/10/08	Mon 8/4/08

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ID	Project Name	Task Name	% Complete	Start	Finish
720	COMS	COMS REG 4/DISP 2: Business Review Integration Test Cases	100%	Tue 8/5/08	Fri 9/26/08
721	COMS	COMS REG 4/DISP 2: Integration Test Cases Complete	100%	Fri 9/26/08	Fri 9/26/08
722	COMS	COMS REG 4/DISP 2: FAT (Registraiton & Disputes) TEST CASES	100%	Tue 6/10/08	Fri 10/3/08
723	COMS	COMS REG 4/DISP 2: Create FAT Test Cases	100%	Tue 6/10/08	Mon 8/4/08
724	COMS	COMS REG 4/DISP 2: Create EIS Test Cases	100%	Tue 6/10/08	Fri 8/8/08
725	COMS	COMS REG 4/DISP 2: Business Review FAT Test Cases	100%	Mon 8/11/08	Fri 10/3/08
726	COMS	COMS REG 4/DISP 2: FAT Test Cases Complete	100%	Fri 10/3/08	Fri 10/3/08
727	COMS	COMS REG 4/DISP 2: REGRESSION (FAT & INTEGRATION) TEST CASES	100%	Tue 6/10/08	Fri 9/26/08
728	COMS	COMS REG 4/DISP 2: Create SBL Main Module Regression Test Cases	100%	Tue 6/10/08	Mon 8/4/08
729	COMS	COMS REG 4/DISP 2: Business Review Regression Test Cases	100%	Tue 8/5/08	Fri 9/26/08
730	COMS	COMS REG 4/DISP 2: Regression Test Cases Complete	100%	Fri 9/26/08	Fri 9/26/08
731	COMS	COMS REG 4/DISP 2: FAT & INTEGRATION TEST CASES Complete	100%	Fri 9/26/08	Fri 9/26/08
732	COMS	COMS REG 4/DISP 2: TEST PLAN (FAT & INTEGRATION)	100%	Mon 6/2/08	Mon 8/4/08
733	COMS	COMS REG 4/DISP 2: Review & Update Test Plan	100%	Mon 6/2/08	Fri 8/1/08
734	COMS	COMS REG 4/DISP 2: Submit Test Plan for Review & Approval	100%	Mon 8/4/08	Mon 8/4/08
735	COMS	COMS REG 4/DISP 2: Test Plan Complete	100%	Mon 8/4/08	Mon 8/4/08
736	COMS	COMS REG 4/DISP 2: FAT & INTEGRATION TEST SCRIPT DEVELOPMENT	100%	Tue 8/5/08	Fri 10/3/08
737	COMS	COMS REG 4/DISP 2: INTEGRATION (Registration to S&B)	100%	Tue 8/5/08	Fri 10/3/08
738	COMS	COMS REG 4/DISP 2: Create Integration Test Scripts (INT-Common Services)	100%	Tue 8/5/08	Fri 10/3/08
739	COMS	COMS REG 4/DISP 2: Create Integration Test Scripts (INT-SNB MP)	100%	Tue 8/5/08	Fri 10/3/08
740	COMS	COMS REG 4/DISP 2: Create Integration Test Scripts (INT-SNB RES)	100%	Tue 8/5/08	Fri 10/3/08
741	COMS	COMS REG 4/DISP 2: Create Integration Test Scripts (INT - TIBCO MP)	100%	Tue 8/5/08	Fri 10/3/08
742	COMS	COMS REG 4/DISP 2: Create Integration Test Scripts (INT - TIBCO RES)	100%	Tue 8/5/08	Fri 10/3/08
743	COMS	COMS REG 4/DISP 2: Business Review Integration Test Scripts	100%	Tue 8/5/08	Fri 10/3/08
744	COMS	COMS REG 4/DISP 2: Integration Test Scripts Complete	100%	Fri 10/3/08	Fri 10/3/08
745	COMS	COMS REG 4/DISP 2: FAT (Registraiton & Disputes) SCRIPTS	100%	Tue 8/5/08	Fri 10/3/08
746	COMS	COMS REG 4/DISP 2: Create FAT Test Scripts	100%	Tue 8/5/08	Fri 10/3/08
747	COMS	COMS REG 4/DISP 2: Create EIS Test Scripts	100%	Mon 8/11/08	Fri 8/22/08
748	COMS	COMS REG 4/DISP 2: Business Review FAT Test Scripts	100%	Tue 8/5/08	Fri 10/3/08
749	COMS	COMS REG 4/DISP 2: FAT Test Scripts Complete	100%	Fri 10/3/08	Fri 10/3/08
750	COMS	COMS REG 4/DISP 2: REGRESSION (FAT & INTEGRATION) TEST SCRIPTS	100%	Tue 8/5/08	Fri 10/3/08
751	COMS	COMS REG 4/DISP 2: Create Main Module Regression Test Scripts	100%	Tue 8/5/08	Fri 10/3/08
752	COMS	COMS REG 4/DISP 2: Business Review Regression Test Scripts	100%	Tue 8/5/08	Fri 10/3/08
753	COMS	COMS REG 4/DISP 2: Regression Test Scripts Complete	100%	Fri 10/3/08	Fri 10/3/08
754	COMS	COMS REG 4/DISP 2: Test Planning Complete	100%	Fri 10/3/08	Fri 10/3/08

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ID	Project Name	Task Name	% Complete	Start	Finish
755	<b>COMS</b>	<b>COMS REG 4/DISP 2: ZONAL ITEST MIGRATION</b>	<b>100%</b>	<b>Tue 8/26/08</b>	<b>Wed 9/17/08</b>
756	COMS	COMS REG 4/DISP 2: Perform Migration to ZONAL ITEST (Siebel)	100%	Tue 8/26/08	Tue 8/26/08
757	COMS	COMS REG 4/DISP 2: Perform Migration to ZONAL ITEST (EIP/Common Services/L* DB Objects)	100%	Tue 9/16/08	Wed 9/17/08
758	COMS	Deliver COMS REG 4/DISP 2: Migration to ZONAL ITEST	100%	Wed 9/17/08	Wed 9/17/08
760	<b>COMS</b>	<b>COMS REG 4/DISP 2: TESTING</b>	<b>100%</b>	<b>Wed 8/27/08</b>	<b>Tue 12/9/08</b>
761	<b>COMS</b>	<b>COMS REG 4/DISP 2: INTEGRATION TEST</b>	<b>100%</b>	<b>Thu 9/18/08</b>	<b>Tue 12/9/08</b>
762	COMS	COMS REG 4/DISP 2: Execute Integration Tests for Int-Common Services	100%	Mon 11/3/08	Wed 11/19/08
763	COMS	COMS REG 4/DISP 2: Execute Integration Tests for INT-SNB MP	100%	Thu 9/18/08	Tue 12/9/08
764	COMS	COMS REG 4/DISP 2: Execute Integration Tests for INT-SNB RES	100%	Thu 9/18/08	Tue 12/2/08
765	COMS	COMS REG 4/DISP 2: Execute Integration Tests for INT-TIBCO MP	100%	Thu 9/18/08	Tue 12/9/08
766	COMS	COMS REG 4/DISP 2: Execute Integration Tests for INT-TIBCO RES	100%	Thu 9/18/08	Tue 12/9/08
767	COMS	COMS REG 4/DISP 2: Integration Tests Complete	100%	Tue 12/9/08	Tue 12/9/08
768	<b>COMS</b>	<b>COMS REG 4/DISP 2: FAT TEST</b>	<b>100%</b>	<b>Wed 8/27/08</b>	<b>Mon 12/8/08</b>
769	COMS	COMS REG 4/DISP 2: FAT Testing eService	100%	Thu 9/18/08	Fri 11/7/08
770	COMS	COMS REG 4/DISP 2: FAT Testing eEnergy	100%	Thu 9/18/08	Mon 12/8/08
771	COMS	COMS REG 4/DISP 2: FAT Testing EIS Changes	100%	Wed 8/27/08	Mon 10/13/08
772	COMS	COMS REG 4/DISP 2: FAT Testing Complete	100%	Mon 12/8/08	Mon 12/8/08
773	<b>COMS</b>	<b>COMS REG 4/DISP 2: REGRESSION TEST</b>	<b>100%</b>	<b>Thu 9/18/08</b>	<b>Tue 12/9/08</b>
774	COMS	COMS REG 4/DISP 2: Regression Test main Module	100%	Thu 9/18/08	Tue 12/9/08
775	COMS	COMS REG 4/DISP 2: Regression Test Complete	100%	Tue 12/9/08	Tue 12/9/08
776	COMS	COMS REG 4/DISP 2: Testing Complete	100%	Tue 12/9/08	Tue 12/9/08
777	<b>COMS</b>	<b>COMS REG 4/DISP 2: APPLICATION DEFECT RESOLUTION</b>	<b>100%</b>	<b>Thu 9/18/08</b>	<b>Thu 12/4/08</b>
778	COMS	COMS REG 4/DISP 2: Analyze & Develop defect solutions	100%	Thu 9/18/08	Thu 12/4/08
779	COMS	COMS REG 4/DISP 2: Migrate defect resolutions Weekly	100%	Thu 9/18/08	Thu 12/4/08
780	COMS	COMS REG 4/DISP 2: Defect Migrations Complete	100%	Thu 12/4/08	Thu 12/4/08
781	<b>COMS</b>	<b>COMS REG 4/DISP 2: "AS-BUILT" SOFTWARE ARCHITECTURE</b>	<b>100%</b>	<b>Thu 9/18/08</b>	<b>Tue 11/25/08</b>
782	COMS	COMS REG 4/DISP 2: Update As Built Software Architecture Document	100%	Thu 9/18/08	Tue 11/25/08
783	COMS	COMS REG 4/DISP 2: As Built Software Architecture Document Updates Complete	100%	Tue 11/25/08	Tue 11/25/08
784	<b>COMS</b>	<b>COMS REG 4/DISP 2: OPERATIONAL &amp; BUSINESS DOCUMENTATION</b>	<b>100%</b>	<b>Tue 9/2/08</b>	<b>Thu 12/11/08</b>
785	COMS	COMS REG 4/DISP 2: Create Operational & Business Support Document	100%	Tue 9/2/08	Thu 12/11/08
786	COMS	COMS REG 4/DISP 2: NPPR078 Documents Updated (Req/CSD as needed)	100%	Thu 12/11/08	Thu 12/11/08
787	COMS	COMS REG 4/DISP 2: Operational & Business Support Document Complete	100%	Thu 12/11/08	Thu 12/11/08
788	<b>COMS</b>	<b>COMS REG 4/DISP 2: PRODUCTION MIGRATION PLANNING</b>	<b>100%</b>	<b>Mon 12/8/08</b>	<b>Wed 12/10/08</b>
789	COMS	COMS REG 4/DISP 2: Create Production Migration Plan	100%	Mon 12/8/08	Wed 12/10/08
790	COMS	COMS REG 4/DISP 2: Production Migration Plan Complete	100%	Wed 12/10/08	Wed 12/10/08

Wed 1/14/09



ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
791	COMS	<b>COMS REG 4/DISP 2: IMPLEMENTATION TO PRODUCTION</b>	100%	Thu 12/4/08	Mon 12/15/08
792	COMS	<b>COMS REG 4/DISP 2: PRE-PRODUCTION RELEASE COORDINATION</b>	100%	Thu 12/4/08	Wed 12/10/08
793	COMS	COMS REG 4/DISP 2: Meeting Production Migration Plan Review	100%	Tue 12/9/08	Wed 12/10/08
794	COMS	COMS REG 4/DISP 2: Create Market Notification	100%	Thu 12/4/08	Thu 12/4/08
795	COMS	COMS REG 4/DISP 2: Pre-Production Release Coordination activities complete	100%	Wed 12/10/08	Wed 12/10/08
796	COMS	<b>COMS REG 4/DISP 2: PRODUCTION MIGRATION</b>	100%	Thu 12/4/08	Mon 12/15/08
797	COMS	COMS REG 4/DISP 2: Create Change Request	100%	Thu 12/4/08	Thu 12/4/08
798	COMS	COMS REG 4/DISP 2: Submit Change Request to CCM Coordinator	100%	Thu 12/4/08	Thu 12/4/08
799	COMS	COMS REG 4/DISP 2: Change Request Approved	100%	Wed 12/10/08	Wed 12/10/08
800	COMS	COMS REG 4/DISP 2: Perform Production Migration	100%	Sat 12/13/08	Sat 12/13/08
801	COMS	COMS REG 4/DISP 2: Perform Production Verification	100%	Sat 12/13/08	Sun 12/14/08
802	COMS	COMS REG 4/DISP 2: Perform Systems Stabilization	100%	Mon 12/15/08	Mon 12/15/08
803	COMS	COMS REG 4/DISP 2: Migration Complete: Go Live	100%	Sun 12/14/08	Sun 12/14/08
804	COMS	COMS REG 4/DISP 2: Production "Zonal" & Stabilization Complete	100%	Mon 12/15/08	Mon 12/15/08
805	COMS	<b>COMS REG Phase 5 / Disputes Phase 3 (Refactoring)</b>	15%	Wed 9/17/08	Mon 3/23/09
806	COMS	<b>COMS REG 5/DISP 3: PLANNING</b>	40%	Wed 9/17/08	Fri 1/16/09
807	COMS	<b>COMS REG 5/DISP 3: PLANNING PHASE</b>	40%	Wed 9/17/08	Fri 1/16/09
808	COMS	<b>COMS REG 5/DISP 3: REFACTORING REQUIREMENTS UPDATES (FOR INTEGRATION WITH SYNCH SYST</b>	45%	Wed 9/17/08	Tue 1/6/09
809	COMS	COMS REG 5/DISP 3: Define Siebel Refactoring Changes for MMS Integration	76%	Wed 9/17/08	Mon 1/5/09
810	COMS	COMS REG 5/DISP 3: Define Siebel Refactoring Changes for MPIM Role Configuraiton	67%	Mon 11/17/08	Mon 1/5/09
811	COMS	COMS REG 5/DISP 3: Define Other Siebel Refactoring Changes for Integration-FINAL delivery phase of Reg	20%	Mon 11/3/08	Mon 1/5/09
812	COMS	COMS REG 5/DISP 3: Define Siebel Refactoring Changes to Push Contacts to MPIM from Siebel (no more d	20%	Mon 11/3/08	Mon 1/5/09
813	COMS	COMS REG 5/DISP 3: Define Additional Refactoring Change needs for Integration with Synch Systems - Def	20%	Mon 11/3/08	Mon 1/5/09
814	COMS	COMS REG 5/DISP 3: Submit Refactoring Business Requirements Document for Approval	0%	Tue 1/6/09	Tue 1/6/09
815	COMS	COMS REG 5/DISP 3: Refactoring Business Requirements Complete	0%	Tue 1/6/09	Tue 1/6/09
816	COMS	<b>COMS REG 5/DISP 3: DETAILED DESIGN / SOFTWARE ARCHITECTURE</b>	0%	Mon 12/15/08	Fri 1/16/09
817	COMS	COMS REG 5/DISP 3: Create & Update Detail Design / Software Architecture Document	0%	Mon 12/15/08	Thu 1/15/09
818	COMS	COMS REG 5/DISP 3: Submit Detail Design / Software Architecture Document for approval	0%	Fri 1/16/09	Fri 1/16/09
819	COMS	COMS REG/DISPDetail Design / Software Architecture Document Complete	0%	Fri 1/16/09	Fri 1/16/09
820	COMS	<b>COMS REG 5/DISP 3: TEST PLAN</b>	0%	Wed 1/7/09	Thu 1/15/09
821	COMS	COMS REG 5/DISP 3: Create & Update Test Plan	0%	Wed 1/7/09	Tue 1/13/09
822	COMS	COMS REG 5/DISP 3: Review & Approve Test Plan	0%	Wed 1/14/09	Thu 1/15/09
823	COMS	COMS REG 5/DISP 3: Test Plan Complete	0%	Thu 1/15/09	Thu 1/15/09
824	COMS	<b>COMS REG 5/DISP 3: EXECUTION</b>	0%	Mon 12/15/08	Mon 3/23/09
825	COMS	<b>COMS REG 5/DISP 3: EXECUTION &amp; CONTROL PHASE</b>	0%	Mon 12/15/08	Mon 3/23/09

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
826	COMS	<b>COMS REG 5/DISP 3: DEVELOPMENT</b>	0%	Mon 12/15/08	Thu 1/22/09
827	COMS	<b>COMS REG 5/DISP 3: DEVELOPMENT CODING</b>	0%	Mon 12/15/08	Thu 1/15/09
828	COMS	COMS REG 5/DISP 3: Code & Configure System Changes (Siebel)	0%	Mon 12/15/08	Thu 1/15/09
829	COMS	COMS REG 5/DISP 3: Siebel Development Coding Complete	0%	Thu 1/15/09	Thu 1/15/09
831	COMS	<b>COMS REG 5/DISP 3: DEVELOPMENT UNIT TESTING COMPLETE</b>	0%	Mon 12/15/08	Mon 1/19/09
832	COMS	COMS REG 5/DISP 3: Create Unit Test Scripts	0%	Mon 12/15/08	Thu 1/15/09
833	COMS	COMS REG 5/DISP 3: Execute unit Test Scripts	0%	Fri 1/16/09	Mon 1/19/09
834	COMS	COMS REG 5/DISP 3: Development Unit Testing Complete	0%	Mon 1/19/09	Mon 1/19/09
835	COMS	<b>COMS REG 5/DISP 3: APPLICATION CODE Zonal Nodal RESYNCH IN DEVELOPMENT FOR DELIVERY</b>	0%	Tue 1/20/09	Tue 1/20/09
836	COMS	COMS REG 5/DISP 3: Resynch Nodal development & Zonal build environment code for delivery	0%	Tue 1/20/09	Tue 1/20/09
837	COMS	COMS REG 5/DISP 3: Application Code Resynch development complete	0%	Tue 1/20/09	Tue 1/20/09
838	COMS	<b>COMS REG 5/DISP 3: PRODUCT TESTING APPLICATION</b>	0%	Mon 12/15/08	Wed 1/21/09
839	COMS	COMS REG 5/DISP 3: Create Product Testing Scripts	0%	Mon 12/15/08	Thu 1/15/09
840	COMS	COMS REG 5/DISP 3: Execute Product Test Scripts	0%	Wed 1/21/09	Wed 1/21/09
841	COMS	COMS REG 5/DISP 3: Product Test Application complete	0%	Wed 1/21/09	Wed 1/21/09
842	COMS	<b>COMS REG 5/DISP 3: MIGRATION CONTROL DOCUMENT(S)</b>	0%	Thu 1/22/09	Thu 1/22/09
843	COMS	COMS REG 5/DISP 3: Create Manual Migration Control Request (MMCR)	0%	Thu 1/22/09	Thu 1/22/09
844	COMS	COMS REG 5/DISP 3: Manual Migration Control Request (MMCR) Complete	0%	Thu 1/22/09	Thu 1/22/09
845	COMS	COMS REG 5/DISP 3: Development Complete	0%	Thu 1/22/09	Thu 1/22/09
846	COMS	<b>COMS REG 5/DISP 3: TEST PLANNING</b>	0%	Mon 12/15/08	Tue 1/27/09
847	COMS	<b>COMS REG 5/DISP 3: REFACTORING FAT &amp; INTEGRATION TEST CASES</b>	0%	Mon 12/15/08	Tue 1/27/09
848	COMS	<b>COMS REG 5/DISP 3: REFACTORING INTEGRATION (Registration to Synch Systems) TEST CAS</b>	0%	Mon 12/15/08	Tue 1/27/09
849	COMS	COMS REG 5/DISP 3: Create Integration Test Cases	0%	Mon 12/15/08	Thu 1/15/09
850	COMS	COMS REG 5/DISP 3: Business Review Integration Test Cases	0%	Fri 1/16/09	Tue 1/27/09
851	COMS	COMS REG 5/DISP 3: Integration Test Cases Complete	0%	Tue 1/27/09	Tue 1/27/09
852	COMS	<b>COMS REG 5/DISP 3: REFACTORING FAT TEST CASES</b>	0%	Mon 12/15/08	Tue 1/27/09
853	COMS	COMS REG 5/DISP 3: Create FAT Test Cases	0%	Mon 12/15/08	Thu 1/15/09
854	COMS	COMS REG 5/DISP 3: Business Review FAT Test Cases	0%	Fri 1/16/09	Tue 1/27/09
855	COMS	COMS REG 5/DISP 3: FAT Test Cases Complete	0%	Tue 1/27/09	Tue 1/27/09
856	COMS	<b>COMS REG 5/DISP 3: REFACTORING REGRESSION (FAT &amp; INTEGRATION) TEST CASES</b>	0%	Mon 12/15/08	Tue 1/27/09
857	COMS	COMS REG 5/DISP 3: Create Main Module Regression Test Cases	0%	Mon 12/15/08	Thu 1/15/09
858	COMS	COMS REG 5/DISP 3: Business Review Regression Test Cases	0%	Fri 1/16/09	Tue 1/27/09
859	COMS	COMS REG 5/DISP 3: Regression Test Cases Complete	0%	Tue 1/27/09	Tue 1/27/09
860	COMS	<b>COMS REG 5/DISP 3: TEST PLAN (FAT &amp; INTEGRATION)</b>	0%	Wed 1/7/09	Fri 1/16/09
861	COMS	COMS REG 5/DISP 3: Update FAT & INTEGRATION Test Plan	0%	Wed 1/7/09	Tue 1/13/09

Wed 1/14/09



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ID	Project Name	Task Name	% Complete	Start	Finish
862	COMS	COMS REG 5/DISP 3: Submit Test Plan for Review & Approval	0%	Wed 1/14/09	Fri 1/16/09
863	COMS	COMS REG 5/DISP 3: Test Plan Complete	0%	Fri 1/16/09	Fri 1/16/09
864	COMS	COMS REG 5/DISP 3: FAT & INTEGRATION TEST SCRIPT DEVELOPMENT	0%	Mon 12/15/08	Tue 1/27/09
865	COMS	COMS REG 5/DISP 3: INTEGRATION (Registration to xxx)	0%	Mon 12/15/08	Tue 1/27/09
866	COMS	COMS REG 5/DISP 3: Create Integration Test Scripts	0%	Mon 12/15/08	Thu 1/15/09
867	COMS	COMS REG 5/DISP 3: Business Review Integration Test Scripts	0%	Fri 1/16/09	Tue 1/27/09
868	COMS	COMS REG 5/DISP 3: Integration Test Scripts Complete	0%	Tue 1/27/09	Tue 1/27/09
869	COMS	COMS REG 5/DISP 3: FAT SCRIPTS	0%	Mon 12/15/08	Tue 1/27/09
870	COMS	COMS REG 5/DISP 3: Create FAT Test Scripts	0%	Mon 12/15/08	Thu 1/15/09
871	COMS	COMS REG 5/DISP 3: Business Review FAT Test Scripts	0%	Fri 1/16/09	Tue 1/27/09
872	COMS	COMS REG 5/DISP 3: FAT Test Scripts Complete	0%	Tue 1/27/09	Tue 1/27/09
873	COMS	COMS REG 5/DISP 3: REGRESSION (FAT & INTEGRATION) TEST SCRIPTS	0%	Mon 12/15/08	Tue 1/27/09
874	COMS	COMS REG 5/DISP 3: Create SBL Main Module Regression Test Scripts	0%	Mon 12/15/08	Thu 1/15/09
875	COMS	COMS REG 5/DISP 3: Business Review Regression Test Scripts	0%	Fri 1/16/09	Tue 1/27/09
876	COMS	COMS REG 5/DISP 3: Regression Test Scripts Complete	0%	Tue 1/27/09	Tue 1/27/09
877	COMS	COMS REG 5/DISP 3: Test Planning Complete	0%	Tue 1/27/09	Tue 1/27/09
878	COMS	COMS REG 5/DISP 3: MIGRATION	0%	Fri 1/23/09	Fri 1/23/09
879	COMS	COMS REG 5/DISP 3: Perform Migration to ZONAL ITEST	0%	Fri 1/23/09	Fri 1/23/09
880	COMS	COMS REG 5/DISP 3: Migration to ZONAL ITEST Complete	0%	Fri 1/23/09	Fri 1/23/09
881	COMS	COMS REG 5/DISP 3: TESTING	0%	Mon 1/26/09	Fri 2/27/09
882	COMS	COMS REG 5/DISP 3: INTEGRATION TEST	0%	Mon 1/26/09	Fri 2/20/09
883	COMS	COMS REG 5/DISP 3: Execute Integration Tests	0%	Mon 1/26/09	Fri 2/20/09
884	COMS	COMS REG 5/DISP 3: Integration Tests Complete	0%	Fri 2/20/09	Fri 2/20/09
885	COMS	COMS REG 5/DISP 3: FAT TEST	0%	Mon 1/26/09	Fri 2/27/09
886	COMS	COMS REG 5/DISP 3: FAT Testing eService	0%	Mon 1/26/09	Fri 2/27/09
887	COMS	COMS REG 5/DISP 3: FAT Testing eEnergy	0%	Mon 1/26/09	Fri 2/27/09
888	COMS	COMS REG 5/DISP 3: FAT Testing Complete	0%	Fri 2/27/09	Fri 2/27/09
889	COMS	COMS REG 5/DISP 3: REGRESSION TEST	0%	Mon 1/26/09	Fri 2/27/09
890	COMS	COMS REG 5/DISP 3: Regression Test main Module	0%	Mon 1/26/09	Fri 2/27/09
891	COMS	COMS REG 5/DISP 3: Regression Test Integration	0%	Mon 1/26/09	Fri 2/27/09
892	COMS	COMS REG 5/DISP 3: Regression Test Complete	0%	Fri 2/27/09	Fri 2/27/09
893	COMS	COMS REG 5/DISP 3: Testing Complete	0%	Fri 2/27/09	Fri 2/27/09
894	COMS	COMS REG 5/DISP 3: "AS-BUILT" SOFTWARE ARCHITECTURE UPDATES	0%	Mon 1/26/09	Fri 2/27/09
895	COMS	COMS REG 5/DISP 3: Create SDLC As Built Technical Architecture Requirements	0%	Mon 1/26/09	Fri 2/27/09
896	COMS	COMS REG 5/DISP 3: SDLC As Built Technical Architecture Requirements Complete	0%	Fri 2/27/09	Fri 2/27/09

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ID	Project Name	Task Name	% Complete	Start	Finish
897	<b>COMS</b>	<b>COMS REG 5/DISP 3: OPERATIONAL DOCUMENTATION</b>	<b>0%</b>	<b>Tue 1/20/09</b>	<b>Mon 2/16/09</b>
898	COMS	COMS REG 5/DISP 3: Create Operational & Business Support Document	0%	Tue 1/20/09	Mon 2/16/09
899	COMS	COMS REG 5/DISP 3: Operational & Business Support Document Complete	0%	Mon 2/16/09	Mon 2/16/09
900	<b>COMS</b>	<b>COMS REG 5/DISP 3: PRODUCTION MIGRATION PLANNING</b>	<b>0%</b>	<b>Mon 3/2/09</b>	<b>Mon 3/2/09</b>
901	COMS	COMS REG 5/DISP 3: Create Production Migration Plan	0%	Mon 3/2/09	Mon 3/2/09
902	COMS	COMS REG 5/DISP 3: Production Migration Plan Complete	0%	Mon 3/2/09	Mon 3/2/09
903	<b>COMS</b>	<b>COMS REG 5/DISP 3: IMPLEMENTATION TO PRODUCTION</b>	<b>0%</b>	<b>Tue 3/3/09</b>	<b>Mon 3/23/09</b>
904	<b>COMS</b>	<b>COMS REG 5/DISP 3: PRODUCTION RELEASE COORDINATION</b>	<b>0%</b>	<b>Tue 3/3/09</b>	<b>Tue 3/3/09</b>
905	COMS	COMS REG 5/DISP 3: Meeting Production Migration Plan Review	0%	Tue 3/3/09	Tue 3/3/09
906	COMS	COMS REG 5/DISP 3: Create Market Notification	0%	Tue 3/3/09	Tue 3/3/09
907	<b>COMS</b>	<b>COMS REG 5/DISP 3: MIGRATION</b>	<b>0%</b>	<b>Wed 3/4/09</b>	<b>Mon 3/9/09</b>
908	COMS	COMS REG 5/DISP 3: Create Change Request	0%	Wed 3/4/09	Wed 3/4/09
909	COMS	COMS REG 5/DISP 3: Submit Change Request to CCM Coordinator	0%	Wed 3/4/09	Wed 3/4/09
910	COMS	COMS REG 5/DISP 3: Change Request Approved	0%	Wed 3/4/09	Wed 3/4/09
911	COMS	COMS REG 5/DISP 3: Perform Production Migration	0%	Thu 3/5/09	Thu 3/5/09
912	COMS	COMS REG 5/DISP 3: Perform Production Verification	0%	Fri 3/6/09	Mon 3/9/09
913	COMS	COMS REG 5/DISP 3: Perform Systems Stabilization	0%	Tue 3/10/09	Mon 3/23/09
914	COMS	COMS Registration / Disputes Projects Complete	0%	Tue 5/19/09	Tue 5/19/09
915	<b>COMS</b>	<b>Core Project Supprt for Test &amp; EDS</b>	<b>0%</b>	<b>Thu 4/30/09</b>	<b>Mon 11/8/10</b>
916	COMS	PM Transition & Support Activities	0%	Wed 5/20/09	Mon 11/1/10
917	COMS	Development Transition & Support Activities	0%	Thu 4/30/09	Mon 11/8/10
918	COMS	COMS Project End	0%	Mon 11/8/10	Mon 11/8/10
11	<b>Nodal IPS</b>	<b>EIP - Enterprise Integration Project</b>	<b>58%</b>	<b>Sun 6/1/08</b>	<b>Thu 6/3/10</b>
1	<b>EIP</b>	<b>Nodal EIP Project Schedule</b>	<b>58%</b>	<b>Sun 6/1/08</b>	<b>Thu 6/3/10</b>
2	EIP	EIP Project Started	100%	Sun 6/1/08	Sun 6/1/08
3	<b>EIP</b>	<b>Inputs &amp; Outputs</b>	<b>0%</b>	<b>Mon 6/2/08</b>	<b>Fri 8/14/09</b>
4	<b>EIP</b>	<b>Receivables</b>	<b>0%</b>	<b>Mon 6/2/08</b>	<b>Wed 5/6/09</b>
5	<b>EIP</b>	<b>MMS</b>	<b>0%</b>	<b>Tue 9/30/08</b>	<b>Wed 5/6/09</b>
7	EIP	Receive MMS4P4 Assessed of Changes from MMS	100%	Tue 9/30/08	Tue 9/30/08
10	EIP	Receive MMS4P5 Assessed of Changes from MMS	100%	Tue 10/28/08	Tue 10/28/08
12	EIP	Receive MMS4P6 Assessed of Changes from MMS	100%	Mon 12/8/08	Mon 12/8/08
14	EIP	Receive MMS4P7 Assessed of Changes from MMS	0%	Thu 1/29/09	Thu 1/29/09
17	EIP	Receive MMS5 Assessed of Changes from MMS	0%	Wed 5/6/09	Wed 5/6/09
18	<b>EIP</b>	<b>NMMS</b>	<b>0%</b>	<b>Wed 12/10/08</b>	<b>Mon 3/23/09</b>
20	EIP	Receive NMMS5 Changes from NMMS	100%	Wed 12/10/08	Wed 12/10/08

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ID	Project Name	Task Name	% Complete	Start	Finish
22	EIP	Receive NMMS6 Changes from NMMS	0%	Wed 1/14/09	Wed 1/14/09
24	EIP	Receive NMMS7 Changes from NMMS	0%	Mon 3/23/09	Mon 3/23/09
25	<b>EIP</b>	<b>CMM</b>	<b>0%</b>	<b>Mon 6/2/08</b>	<b>Mon 6/2/08</b>
26	EIP	Receive CMM 4.1 Changes from CMM	0%	Mon 6/2/08	Mon 6/2/08
27	EIP	Receive CMM 4.2 Changes from CMM	0%	Mon 6/2/08	Mon 6/2/08
28	EIP	Receive CMM 4.3 Changes from CMM	0%	Mon 6/2/08	Mon 6/2/08
29	<b>EIP</b>	<b>REG</b>	<b>0%</b>	<b>Thu 1/15/09</b>	<b>Thu 1/15/09</b>
31	EIP	Receive REG5/DISP3 Changes from REG	0%	Thu 1/15/09	Thu 1/15/09
32	<b>EIP</b>	<b>CRR</b>	<b>0%</b>	<b>Thu 12/18/08</b>	<b>Thu 12/18/08</b>
34	EIP	Receive CRR 4 delivery / Analyze Changes for Adapters	0%	Thu 12/18/08	Thu 12/18/08
35	<b>EIP</b>	<b>OS</b>	<b>0%</b>	<b>Mon 12/1/08</b>	<b>Mon 12/1/08</b>
37	EIP	Receive OS 2.10 Delivery / Analyze Changes for Adapters	0%	Mon 12/1/08	Mon 12/1/08
38	<b>EIP</b>	<b>Deliveries</b>	<b>0%</b>	<b>Tue 9/16/08</b>	<b>Fri 8/14/09</b>
39	<b>EIP</b>	<b>IR2</b>	<b>100%</b>	<b>Tue 9/16/08</b>	<b>Tue 9/16/08</b>
40	EIP	Deliver Adapters for R2 to INT	100%	Tue 9/16/08	Tue 9/16/08
42	<b>EIP</b>	<b>IR3</b>	<b>100%</b>	<b>Fri 10/17/08</b>	<b>Fri 12/12/08</b>
43	EIP	Deliver Adapters for R3 TC1 to INT	100%	Fri 10/17/08	Fri 10/17/08
45	EIP	Deliver Adapters for R3 TC2 to INT	100%	Tue 10/28/08	Tue 10/28/08
47	EIP	Deliver Adapters for R3 TC3 to INT	100%	Fri 12/12/08	Fri 12/12/08
49	<b>EIP</b>	<b>IR4</b>	<b>0%</b>	<b>Fri 1/23/09</b>	<b>Fri 4/10/09</b>
50	EIP	Deliver Adapters for R4 TC1 to INT & EDW	0%	Fri 1/23/09	Fri 1/23/09
52	EIP	Deliver Adapters for R4 TC2 to INT	0%	Fri 2/20/09	Fri 2/20/09
54	EIP	Deliver Adapters for R4 TC3 to INT	0%	Tue 3/17/09	Tue 3/17/09
56	EIP	Deliver Adapters for R4 TC4 to INT	0%	Fri 4/10/09	Fri 4/10/09
58	<b>EIP</b>	<b>IR5</b>	<b>0%</b>	<b>Thu 7/9/09</b>	<b>Fri 8/14/09</b>
59	EIP	Deliver Adapters for R5 TC1 to INT	0%	Thu 7/9/09	Thu 7/9/09
61	EIP	Deliver Adapters for R5 TC2 to INT	0%	Fri 8/14/09	Fri 8/14/09
63	EIP	EIP.Project Management	24%	Sun 6/1/08	Mon 3/1/10
64	<b>EIP</b>	<b>Integrated Release Support</b>	<b>18%</b>	<b>Mon 6/2/08</b>	<b>Thu 6/3/10</b>
65	<b>EIP</b>	<b>Release 2 Support</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Tue 10/14/08</b>
66	EIP	EIP.R2.Verify Adapters (incorporates release planning)	100%	Mon 6/2/08	Mon 8/11/08
67	EIP	EIP.R2.deployment	100%	Wed 9/10/08	Tue 9/16/08
68	EIP	EIP.R2.Defect Management	100%	Wed 9/17/08	Tue 10/14/08
69	EIP	EIP.R2.Defect analysis & fixes	100%	Wed 9/17/08	Tue 10/14/08
70	<b>EIP</b>	<b>IR3/TC3 Support</b>	<b>90%</b>	<b>Mon 12/15/08</b>	<b>Fri 1/16/09</b>

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ID	Project Name	Task Name	% Complete	Start	Finish
71	EIP	EIP.R3/TC3.Verify Adapters	100%	Mon 12/15/08	Mon 12/15/08
72	EIP	EIP.R3/TC3.deployment	100%	Mon 12/15/08	Mon 12/15/08
73	EIP	EIP.R3/TC3.Defect Management	100%	Tue 12/16/08	Fri 1/16/09
74	EIP	EIP.R3/TC3.Defect analysis & fixes	80%	Tue 12/16/08	Fri 1/16/09
75	<b>EIP</b>	<b>Release 4 Support</b>	<b>0%</b>	<b>Mon 4/13/09</b>	<b>Mon 10/19/09</b>
76	EIP	EIP.R4.Verify Adapters	0%	Mon 4/13/09	Thu 4/16/09
77	EIP	EIP.R4.deployment	0%	Fri 4/17/09	Wed 4/22/09
78	EIP	EIP.R4.Defect Management	0%	Thu 4/23/09	Mon 10/19/09
79	EIP	EIP.R4.Defect analysis & fixes	0%	Thu 4/23/09	Fri 7/17/09
80	EIP	EIP.R4.Defect analysis & fixes	0%	Mon 7/20/09	Mon 10/19/09
81	<b>EIP</b>	<b>Release 5 Support</b>	<b>0%</b>	<b>Mon 7/20/09</b>	<b>Thu 6/3/10</b>
82	EIP	EIP.R5.Verify Adapters	0%	Mon 7/20/09	Fri 7/31/09
83	EIP	EIP.R5.deployment	0%	Tue 10/20/09	Fri 10/23/09
84	EIP	EIP.R5.Defect Management	0%	Mon 10/26/09	Thu 6/3/10
85	EIP	EIP.R5.Defect analysis & fixes	0%	Mon 10/26/09	Thu 6/3/10
86	<b>EIP</b>	<b>External Web Services (EWS)</b>	<b>58%</b>	<b>Mon 6/2/08</b>	<b>Fri 11/20/09</b>
87	<b>EIP</b>	<b>External Documentation</b>	<b>27%</b>	<b>Wed 9/3/08</b>	<b>Fri 11/20/09</b>
88	EIP	EIP.ExtDoc.Monitoring Guide	0%	Mon 10/26/09	Fri 11/20/09
89	EIP	EIP.ExtDoc.Integration 101	0%	Mon 10/26/09	Fri 11/20/09
90	EIP	EIP.ExtDoc.Operations Guide	0%	Mon 10/26/09	Fri 11/20/09
91	EIP	EIP.ExtDoc.Developer Guide	0%	Mon 10/26/09	Fri 11/20/09
92	EIP	EIP.ExtDoc.External Developer Guide	0%	Mon 10/26/09	Fri 11/20/09
93	EIP	EIP.ExtDoc.EIS v 1.16 Approval	100%	Wed 9/3/08	Tue 10/14/08
94	EIP	EIP.ExtDoc.EIS v 1.17 Approval	100%	Tue 11/11/08	Thu 12/18/08
96	EIP	EIP.ExtDoc.EIS v1.18 Approval	0%	Mon 2/23/09	Fri 3/27/09
98	EIP	EIP.ExtDoc.EIS v1.19 Approval	0%	Fri 6/5/09	Fri 7/10/09
99	<b>EIP</b>	<b>Loopback Adapter</b>	<b>96%</b>	<b>Mon 6/2/08</b>	<b>Tue 7/7/09</b>
100	EIP	EIP.Loopback.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
101	EIP	EIP.Loopback.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
102	EIP	EIP.Loopback.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08
103	EIP	EIP.Loopback.Resource.QA Test	100%	Mon 11/3/08	Fri 11/7/08
104	EIP	EIP.Loopback.Resource.Package & deploy to Sandbox	100%	Mon 11/10/08	Tue 11/11/08
105	EIP	EIP.Loopback.v1.18 - Sandbox Deployment	0%	Wed 3/18/09	Thu 3/19/09
106	EIP	EIP.Loopback.v1.19 - Sandbox Deployment	0%	Mon 7/6/09	Tue 7/7/09
107	<b>EIP</b>	<b>MMS Simulator</b>	<b>83%</b>	<b>Mon 6/2/08</b>	<b>Fri 12/12/08</b>

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ID	Project Name	Task Name	% Complete	Start	Finish
108	EIP	EIP.MMSSimulator.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
109	EIP	EIP.MMSSimulator.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
110	EIP	EIP.MMSSimulator.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08
111	EIP	EIP.MMSSimulator.Resource.QA Test	100%	Mon 11/3/08	Fri 11/7/08
112	EIP	EIP.MMSSimulator.Resource.Package & deploy to Sandbox	100%	Mon 11/10/08	Tue 11/11/08
113	EIP	IP Redirector support	0%	Wed 11/12/08	Fri 12/12/08
114	<b>EIP</b>	<b>EWS 1.15 Enhancements</b>	<b>100%</b>	<b>Mon 6/2/08</b>	<b>Mon 8/18/08</b>
115	EIP	EIP.WS1.15.Enhancement.Analysis (MM4P2)	100%	Mon 6/2/08	Fri 6/27/08
116	EIP	EIP.WS1.15.Enhancement.Design	100%	Mon 6/30/08	Mon 7/14/08
117	EIP	EIP.WS1.15.Enhancement.Construction & UT	100%	Tue 7/15/08	Mon 7/28/08
118	EIP	EIP.WS1.15.Enhancement.QA Test	100%	Tue 7/29/08	Mon 8/11/08
119	EIP	EIP.WS1.15.Enhancement.Package & deploy to iTest	100%	Tue 8/12/08	Mon 8/18/08
120	<b>EIP</b>	<b>EWS 1.16 Enhancements</b>	<b>100%</b>	<b>Tue 8/19/08</b>	<b>Thu 12/11/08</b>
121	EIP	EIP.WS1.16.Enhancement.Analysis (MMS4P3)	100%	Tue 8/19/08	Tue 9/2/08
122	EIP	EIP.WS1.16.Enhancement.Design	100%	Wed 9/3/08	Tue 9/16/08
123	EIP	EIP.WS1.16.Enhancement.Construction & UT	100%	Wed 9/17/08	Tue 9/30/08
124	EIP	EIP.WS1.16.Enhancement.QA Test	100%	Wed 10/1/08	Fri 10/3/08
125	EIP	EIP.WS1.16.Enhancement.Package & deploy to iTest	100%	Mon 10/6/08	Thu 10/9/08
126	EIP	EIP.WS1.16Defect Resolution support IR3/TC2	100%	Fri 10/10/08	Thu 12/11/08
127	<b>EIP</b>	<b>EWS 1.17 Enhancements (IR3/TC3)</b>	<b>100%</b>	<b>Wed 10/1/08</b>	<b>Tue 1/13/09</b>
128	EIP	EIP.WS1.17.Enhancement.Analysis (OS)	100%	Wed 10/1/08	Fri 10/17/08
129	EIP	EIP.WS1.17.Enhancement.Analysis (MMS4P5)	100%	Tue 10/28/08	Mon 11/10/08
130	EIP	EIP.WS1.17.Enhancement.Design	100%	Mon 10/20/08	Tue 11/11/08
131	EIP	EIP.WS1.17.Enhancement.Construction & UT	100%	Wed 11/12/08	Tue 12/9/08
132	EIP	EIP.WS1.17.Enhancement.QA Test	100%	Wed 12/10/08	Thu 12/11/08
133	EIP	EIP.WS1.17.Enhancement.Package & deploy to iTest	100%	Fri 12/12/08	Fri 12/12/08
134	EIP	EIP.WS1.17.IR3/TC3 Enhancement / Defect Support (MMS4 P5/OS2.0.13)	100%	Mon 12/15/08	Tue 1/13/09
135	<b>EIP</b>	<b>EWS 1.18 Enhancements (IR4/TC1 - MMS4 P6/7 - OS 2.1.0)</b>	<b>18%</b>	<b>Wed 12/10/08</b>	<b>Tue 3/17/09</b>
136	EIP	EIP.WS1.18.Enhancement.Analysis (MMS4 P6)	100%	Wed 12/10/08	Tue 12/16/08
137	EIP	EIP.WS1.18.Enhancement.Design	100%	Wed 12/17/08	Tue 1/6/09
138	EIP	EIP.WS1.18.Enhancement.Construction & UT	0%	Wed 1/7/09	Tue 1/20/09
139	EIP	EIP.WS1.18.Enhancement.QA Test	0%	Wed 1/21/09	Thu 1/22/09
140	EIP	EIP.WS1.18.Enhancement.Package & deploy to iTest	0%	Fri 1/23/09	Fri 1/23/09
141	EIP	EIP.WS1.18.Enhancement.Analysis (MMS4 P7)	0%	Fri 1/30/09	Thu 2/12/09
142	EIP	EIP.WS1.18.Enhancement.Design (MMS4 P7)	0%	Fri 2/13/09	Fri 2/20/09

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ID	Project Name	Task Name	% Complete	Start	Finish
143	EIP	EIP.WS1.18.Enhancement.Construction & UT (MMS4 P7)	0%	Mon 2/23/09	Wed 3/4/09
144	EIP	EIP.WS1.18.Enhancement.QA Test (MMS4 P7)	0%	Thu 3/5/09	Mon 3/16/09
145	EIP	EIP.WS1.18.Enhancement.Package & deploy to iTest (MMS4 P7)	0%	Tue 3/17/09	Tue 3/17/09
146	<b>EIP</b>	<b>EWS 1.19 Enhancements (IR5/TC1 - MMS5) - (EMS Alerts, Mkt Info Svcs, Get Reports, Util Svcs, Mkt Close, Outgoing No</b>	<b>0%</b>	<b>Thu 5/7/09</b>	<b>Mon 8/3/09</b>
147	EIP	EIP.WS1.19.Enhancement.Analysis (MMS5)	0%	Thu 5/7/09	Wed 5/20/09
148	EIP	EIP.WS1.19.Enhancement.Design	0%	Thu 5/21/09	Thu 6/4/09
149	EIP	EIP.WS1.19.Enhancement.Construction & UT	0%	Fri 6/5/09	Thu 7/2/09
150	EIP	EIP.WS1.19.Enhancement.QA Test	0%	Mon 7/6/09	Fri 7/31/09
151	EIP	EIP.WS1.19.Enhancement.Package & deploy to iTest	0%	Mon 8/3/09	Mon 8/3/09
152	<b>EIP</b>	<b>Chunking Enhancements (if necessary - depends on Performance Testing results - might be removed)</b>	<b>0%</b>	<b>Fri 1/30/09</b>	<b>Thu 4/16/09</b>
153	EIP	EIP.Chunking.Enhancement.Analysis	0%	Fri 1/30/09	Thu 2/12/09
154	EIP	EIP.Chunking.Enhancement.Design	0%	Fri 2/13/09	Thu 2/26/09
155	EIP	EIP.Chunking.Resource.Design Review	0%	Fri 2/27/09	Fri 2/27/09
156	EIP	EIP.Chunking.Enhancement.Construction & UT	0%	Mon 3/2/09	Fri 3/27/09
157	EIP	EIP.Chunking.Resource.Adapter Review	0%	Mon 3/30/09	Mon 3/30/09
158	EIP	EIP.Chunking.Enhancement.QA Test	0%	Tue 3/31/09	Mon 4/13/09
159	EIP	EIP.Chunking.Enhancement.Package & deploy to iTest	0%	Tue 4/14/09	Thu 4/16/09
160	<b>EIP</b>	<b>Adapters</b>	<b>68%</b>	<b>Sun 6/1/08</b>	<b>Fri 8/14/09</b>
161	<b>EIP</b>	<b>CMM - CRR (Initial delivery IR3)</b>	<b>83%</b>	<b>Mon 6/2/08</b>	<b>Fri 2/20/09</b>
162	EIP	EIP.CMM.CRR.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
163	EIP	EIP.CMM.CRR.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
164	EIP	EIP.CMM.CRR.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08
165	EIP	EIP.CMM.CRR.Resource.QA Test	100%	Mon 11/3/08	Fri 11/7/08
166	EIP	EIP.CMM.CRR.Resource.Package & deploy to iTest	100%	Mon 11/10/08	Tue 11/11/08
167	<b>EIP</b>	<b>IR4/TC2 delivery</b>	<b>0%</b>	<b>Mon 1/26/09</b>	<b>Fri 2/20/09</b>
168	EIP	EIP.CMM.CRR.Resource.Construction & UT	0%	Mon 1/26/09	Fri 2/13/09
169	EIP	EIP.CMM.CRR.Resource.QA Test	0%	Mon 2/16/09	Thu 2/19/09
170	EIP	EIP.CMM.CRR.Resource.Package & deploy changes for IR4/TC2 (L4 Testing)	0%	Fri 2/20/09	Fri 2/20/09
171	<b>EIP</b>	<b>CMM - MMS (Initial delivery IR3)</b>	<b>51%</b>	<b>Mon 6/2/08</b>	<b>Fri 8/14/09</b>
172	EIP	EIP.CMM.MMS.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
173	EIP	EIP.CMM.MMS.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
174	EIP	EIP.CMM.MMS.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08
175	EIP	EIP.CMM.MMS.Resource.Adapter Review	100%	Wed 10/8/08	Wed 10/8/08
176	EIP	EIP.CMM.MMS.Resource.QA Test	100%	Mon 11/3/08	Fri 11/7/08
177	EIP	EIP.CMM.MMS.Resource.Package & deploy to iTest	100%	Mon 11/10/08	Tue 11/11/08

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178	<b>EIP</b>	<b>IR4/TC2 Delivery</b>	<b>0%</b>	<b>Mon 1/26/09</b>	<b>Fri 2/20/09</b>
179	EIP	EIP.CMM.MMS.Resource.Construction & UT	0%	Mon 1/26/09	Fri 2/13/09
180	EIP	EIP.CMM.MMS.Resource.QA Test	0%	Mon 2/16/09	Thu 2/19/09
181	EIP	EIP.CMM.MMS.Resource.Package & deploy changes for IR4/TC2 (L4 Testing)	0%	Fri 2/20/09	Fri 2/20/09
182	<b>EIP</b>	<b>IR5/TC1 Delivery</b>	<b>0%</b>	<b>Mon 4/13/09</b>	<b>Thu 6/18/09</b>
183	EIP	EIP.CMM.MMS.Resource.Construction & UT	0%	Mon 4/13/09	Mon 5/25/09
184	EIP	EIP.CMM.MMS.Resource.QA Test	0%	Tue 5/26/09	Mon 6/15/09
185	EIP	EIP.CMM.MMS.Resource.Package & deploy changes for IR5/TC1 (L4 Testing)	0%	Tue 6/16/09	Thu 6/18/09
186	<b>EIP</b>	<b>IR5/TC2 Delivery</b>	<b>0%</b>	<b>Fri 7/10/09</b>	<b>Fri 8/14/09</b>
187	EIP	EIP.CMM.MMS.Resource.Construction & UT	0%	Fri 7/10/09	Thu 7/30/09
188	EIP	EIP.CMM.MMS.Resource.QA Test	0%	Fri 7/31/09	Thu 8/13/09
189	EIP	EIP.CMM.MMS.Resource.Package & deploy changes for IR5/TC2 (L4 Testing)	0%	Fri 8/14/09	Fri 8/14/09
190	<b>EIP</b>	<b>CMM - Reg ( Creditworthiness) (Initial delivery IR3)</b>	<b>87%</b>	<b>Mon 6/2/08</b>	<b>Fri 2/20/09</b>
191	EIP	EIP.CMM.Reg.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
192	EIP	EIP.CMM.Reg.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
193	EIP	EIP.CMM.Reg.Resource.Construction & UT	100%	Tue 8/12/08	Tue 9/9/08
194	EIP	EIP.CMM.Reg.Resource.QA Test	100%	Wed 9/10/08	Tue 9/23/08
195	EIP	EIP.CMM.Reg.Resource.Package & deploy to iTest	100%	Wed 9/24/08	Thu 10/16/08
196	<b>EIP</b>	<b>IR3/TC3 Delivery</b>	<b>100%</b>	<b>Fri 10/17/08</b>	<b>Fri 12/12/08</b>
197	EIP	EIP.CMM.Reg.Resource.Construction & UT	100%	Fri 10/17/08	Thu 11/13/08
198	EIP	EIP.CMM.Reg.Resource.QA Test	100%	Fri 11/14/08	Tue 12/9/08
199	EIP	EIP.CMM.Reg.Resource.Package & deploy changes for IR3/TC3 (Lx Testing)	100%	Wed 12/10/08	Fri 12/12/08
200	<b>EIP</b>	<b>IR4/TC2 Delivery</b>	<b>0%</b>	<b>Mon 1/26/09</b>	<b>Fri 2/20/09</b>
201	EIP	EIP.CMM.Reg.Resource.Construction & UT	0%	Mon 1/26/09	Fri 2/13/09
202	EIP	EIP.CMM.Reg.Resource.QA Test	0%	Mon 2/16/09	Thu 2/19/09
203	EIP	EIP.CMM.Reg.Resource.Package & deploy changes for IR4/TC2 (L1 Testing)	0%	Fri 2/20/09	Fri 2/20/09
204	<b>EIP</b>	<b>CRR - CMM (Initial delivery IR3)</b>	<b>86%</b>	<b>Mon 6/2/08</b>	<b>Fri 2/20/09</b>
205	EIP	EIP.CRR.CMM.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
206	EIP	EIP.CRR.CMM.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
207	EIP	EIP.CRR.CMM.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08
208	EIP	EIP.CRR.CMM.Resource.Adapter Review	100%	Wed 10/8/08	Wed 10/8/08
209	EIP	EIP.CRR.CMM.Resource.QA Test	100%	Mon 11/3/08	Fri 11/7/08
210	EIP	EIP.CRR.CMM.Resource.Package & deploy to iTest	100%	Mon 11/10/08	Tue 11/11/08
211	<b>EIP</b>	<b>IR3/TC3 Delivery</b>	<b>100%</b>	<b>Wed 11/12/08</b>	<b>Fri 12/12/08</b>
212	EIP	EIP.CRR.CMM.Resource.Construction & UT	100%	Wed 11/12/08	Tue 11/25/08
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ID	Project Name	Task Name	% Complete	Start	Finish
213	EIP	EIP.CRR.CMM.Resource.QA Test	100%	Wed 11/26/08	Wed 12/10/08
214	EIP	EIP.CRR.CMM.Resource.Package & deploy changes for IR3/TC3 (L1 Testing)	100%	Thu 12/11/08	Fri 12/12/08
215	<b>EIP</b>	<b>IR4/TC2 Delivery</b>	<b>0%</b>	<b>Mon 1/26/09</b>	<b>Fri 2/20/09</b>
216	EIP	EIP.CRR.CMM.Resource.Construction & UT	0%	Mon 1/26/09	Fri 2/13/09
217	EIP	EIP.CRR.CMM.Resource.QA Test	0%	Mon 2/16/09	Thu 2/19/09
218	EIP	EIP.CRR.CMM.Resource.Package & deploy changes for IR4/TC2 (L4 Testing)	0%	Fri 2/20/09	Fri 2/20/09
219	<b>EIP</b>	<b>CRR - MMS (Initial delivery IR3)</b>	<b>56%</b>	<b>Mon 6/2/08</b>	<b>Fri 8/14/09</b>
220	EIP	EIP.CRR.MMS.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
221	EIP	EIP.CRR.MMS.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
222	EIP	EIP.CRR.MMS.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08
223	EIP	EIP.CRR.MMS.Resource.Adapter Review	100%	Wed 10/8/08	Wed 10/8/08
224	EIP	EIP.CRR.MMS.Resource.QA Test	100%	Mon 11/3/08	Fri 11/7/08
225	EIP	EIP.CRR.MMS.Resource.Package & deploy to iTest	100%	Mon 11/10/08	Tue 11/11/08
226	<b>EIP</b>	<b>IR4/TC1 Delivery</b>	<b>49%</b>	<b>Mon 12/15/08</b>	<b>Fri 1/23/09</b>
227	EIP	EIP.CRR.MMS.Resource.Construction & UT	65%	Mon 12/15/08	Fri 1/16/09
228	EIP	EIP.CRR.MMS.Resource.QA Test	0%	Mon 1/19/09	Thu 1/22/09
229	EIP	EIP.CRR.MMS.Resource.Package & deploy changes for IR4/TC1 (L3 Testing)	0%	Fri 1/23/09	Fri 1/23/09
230	<b>EIP</b>	<b>IR5/TC1 Delivery</b>	<b>0%</b>	<b>Mon 4/13/09</b>	<b>Thu 6/18/09</b>
231	EIP	EIP.CRR.MMS.Resource.Construction & UT	0%	Mon 4/13/09	Mon 5/25/09
232	EIP	EIP.CRR.MMS.Resource.QA Test	0%	Tue 5/26/09	Mon 6/15/09
233	EIP	EIP.CRR.MMS.Resource.Package & deploy changes for IR5/TC1 (L4 Testing)	0%	Tue 6/16/09	Thu 6/18/09
234	<b>EIP</b>	<b>IR5/TC2 Delivery</b>	<b>0%</b>	<b>Fri 7/10/09</b>	<b>Fri 8/14/09</b>
235	EIP	EIP.CRR.MMS.Resource.Construction & UT	0%	Fri 7/10/09	Thu 7/30/09
236	EIP	EIP.CRR.MMS.Resource.QA Test	0%	Fri 7/31/09	Thu 8/13/09
237	EIP	EIP.CRR.MMS.Resource.Package & deploy changes for IR5/TC2 (L4 Testing)	0%	Fri 8/14/09	Fri 8/14/09
238	<b>EIP</b>	<b>NMMS - CRR (initial deploy IR4/TC3)</b>	<b>71%</b>	<b>Mon 6/2/08</b>	<b>Fri 4/10/09</b>
239	EIP	EIP.NMMS.CRR.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
240	EIP	EIP.NMMS.CRR.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
241	EIP	EIP.NMMS.CRR.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08
242	EIP	EIP.NMMS.CRR.Resource.Adapter Review	0%	Tue 2/10/09	Tue 2/10/09
243	EIP	EIP.MMMS.CRR.Resource.QA Test	0%	Mon 2/23/09	Fri 3/13/09
244	EIP	EIP.NMMS.CRR.Resource.Package & deploy to iTest	0%	Mon 3/16/09	Tue 3/17/09
245	<b>EIP</b>	<b>IR4/TC4 Delivery</b>	<b>0%</b>	<b>Wed 3/18/09</b>	<b>Fri 4/10/09</b>
246	EIP	EIP.NMMS.CRR.Resource.Construction & UT	0%	Wed 3/18/09	Thu 4/2/09
247	EIP	EIP.NMMS.CRR.Resource.QA Test	0%	Fri 4/3/09	Thu 4/9/09

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248	EIP	EIP.NMMS.CRR.Resource.Package & deploy changes for IR4/TC4 (L1-L4 Testing)	0%	Fri 4/10/09	Fri 4/10/09
249	<b>EIP</b>	<b>NMMS - EMS (initial deploy IR4/TC3)</b>	<b>71%</b>	<b>Mon 6/2/08</b>	<b>Fri 4/10/09</b>
250	EIP	EIP.NMMS.EMS.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
251	EIP	EIP.NMMS.EMS.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
252	EIP	EIP.NMMS.EMS.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08
253	EIP	EIP.NMMS.EMS.Resource.Adapter Review	0%	Thu 2/5/09	Thu 2/5/09
254	EIP	EIP.NMMS.EMS.Resource.QA Test	0%	Mon 2/23/09	Fri 3/13/09
255	EIP	EIP.NMMS.EMS.Resource.Package & deploy to iTest	0%	Mon 3/16/09	Tue 3/17/09
256	<b>EIP</b>	<b>IR4/TC4 Delivery</b>	<b>0%</b>	<b>Wed 3/18/09</b>	<b>Fri 4/10/09</b>
257	EIP	EIP.NMMS.EMS.Resource.Construction & UT	0%	Wed 3/18/09	Thu 4/2/09
258	EIP	EIP.NMMS.EMS.Resource.QA Test	0%	Fri 4/3/09	Thu 4/9/09
259	EIP	EIP.NMMS.EMS.Resource.Package & deploy changes for IR4/TC4 (L1-L4 Testing)	0%	Fri 4/10/09	Fri 4/10/09
260	<b>EIP</b>	<b>NMMS - MIS (NMMS 5) (initial deploy IR4/TC1)</b>	<b>59%</b>	<b>Mon 6/2/08</b>	<b>Fri 4/10/09</b>
261	EIP	EIP.NMMS.MIS.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
262	EIP	EIP.NMMS.MIS.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
263	EIP	EIP.NMMS.MIS.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08
264	EIP	EIP.NMMS.MIS.Resource.Adapter Review	0%	Wed 1/14/09	Wed 1/14/09
265	EIP	EIP.NMMS.MIS.Resource.QA Test	0%	Thu 1/15/09	Wed 1/21/09
266	EIP	EIP.NMMS.MIS.Resource.Package & deploy to iTest	0%	Thu 1/22/09	Thu 1/22/09
267	<b>EIP</b>	<b>IR4/TC2 Delivery</b>	<b>0%</b>	<b>Fri 1/23/09</b>	<b>Thu 2/19/09</b>
268	EIP	EIP.NMMS.MIS.Resource.Construction & UT	0%	Fri 1/23/09	Thu 2/12/09
269	EIP	EIP.NMMS.MIS.Resource.QA Test	0%	Fri 2/13/09	Wed 2/18/09
270	EIP	EIP.NMMS.MIS.Resource.Package & deploy changes for IR4/TC2 (????? Testing)	0%	Thu 2/19/09	Thu 2/19/09
271	<b>EIP</b>	<b>IR4/TC3 Delivery (NMMS 6)</b>	<b>0%</b>	<b>Fri 2/20/09</b>	<b>Mon 3/23/09</b>
272	EIP	EIP.NMMS.MIS.Resource.Construction & UT	0%	Fri 2/20/09	Thu 3/5/09
273	EIP	EIP.NMMS.MIS.Resource.QA Test	0%	Fri 3/6/09	Thu 3/19/09
274	EIP	EIP.NMMS.MIS.Resource.Package & deploy changes for IR4/TC3 (????? Testing)	0%	Fri 3/20/09	Mon 3/23/09
275	<b>EIP</b>	<b>IR4/TC4 Delivery (NMMS 7)</b>	<b>0%</b>	<b>Tue 3/24/09</b>	<b>Fri 4/10/09</b>
276	EIP	EIP.NMMS.MIS.Resource.Construction & UT	0%	Tue 3/24/09	Thu 4/2/09
277	EIP	EIP.NMMS.MIS.Resource.QA Test	0%	Fri 4/3/09	Thu 4/9/09
278	EIP	EIP.NMMS.MIS.Resource.Package & deploy changes for IR4/TC4 (????? Testing)	0%	Fri 4/10/09	Fri 4/10/09
279	<b>EIP</b>	<b>NMMS - MMS (initial deploy IR4/TC3)</b>	<b>42%</b>	<b>Mon 6/2/08</b>	<b>Fri 8/14/09</b>
280	EIP	EIP.NMMS.MMS.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
281	EIP	EIP.NMMS.MMS.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
282	EIP	EIP.NMMS.MMS.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08

Wed 1/14/09

ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
283	EIP	EIP.NMMS.MMS.Resource.Adapter Review	0%	Wed 2/11/09	Wed 2/11/09
284	EIP	EIP.NMMS.MMS.Resource.QA Test	0%	Mon 2/23/09	Fri 3/13/09
285	EIP	EIP.NMMS.MMS.Resource.Package & deploy to iTest	0%	Mon 3/16/09	Tue 3/17/09
286	<b>EIP</b>	<b>IR4/TC4 Delivery</b>	<b>0%</b>	<b>Wed 3/18/09</b>	<b>Fri 4/10/09</b>
287	EIP	EIP.NMMS.MMS.Resource.Construction & UT	0%	Wed 3/18/09	Thu 4/2/09
288	EIP	EIP.NMMS.MMS.Resource.QA Test	0%	Fri 4/3/09	Thu 4/9/09
289	EIP	EIP.NMMS.MMS.Resource.Package & deploy changes for IR4/TC4 (L1-L4 Testing)	0%	Fri 4/10/09	Fri 4/10/09
290	<b>EIP</b>	<b>IR5/TC1 Delivery</b>	<b>0%</b>	<b>Mon 4/13/09</b>	<b>Thu 7/9/09</b>
291	EIP	EIP.NMMS.MMS.Resource.Construction & UT	0%	Mon 4/13/09	Mon 6/8/09
292	EIP	EIP.NMMS.MMS.Resource.QA Test	0%	Tue 6/9/09	Tue 7/7/09
293	EIP	EIP.NMMS.MMS.Resource.Package & deploy changes for IR5/TC1 (Regression Testing)	0%	Wed 7/8/09	Thu 7/9/09
294	<b>EIP</b>	<b>IR5/TC2 Delivery</b>	<b>0%</b>	<b>Fri 7/10/09</b>	<b>Fri 8/14/09</b>
295	EIP	EIP.NMMS.MMS.Resource.Construction & UT	0%	Fri 7/10/09	Thu 7/30/09
296	EIP	EIP.NMMS.MMS.Resource.QA Test	0%	Fri 7/31/09	Thu 8/13/09
297	EIP	EIP.NMMS.MMS.Resource.Package & deploy changes for IR5/TC2 (Regression Testing)	0%	Fri 8/14/09	Fri 8/14/09
298	<b>EIP</b>	<b>NMMS - MMS.CCT (NMMS 6) (IR4/TC3)</b>	<b>44%</b>	<b>Mon 6/2/08</b>	<b>Fri 8/14/09</b>
299	EIP	NMMS team becomes available	100%	Mon 6/2/08	Tue 11/18/08
300	EIP	EIP.CCT.Analysis	0%	Mon 1/26/09	Fri 1/30/09
301	EIP	EIP.CCT.Design	0%	Mon 2/2/09	Wed 2/11/09
302	EIP	EIP.CCT.Construction & UT	0%	Thu 2/12/09	Wed 3/4/09
303	EIP	EIP.CCT.Resource.Adapter Review	0%	Thu 3/5/09	Fri 3/6/09
304	EIP	EIP.CCT.QA Test	0%	Mon 3/9/09	Fri 3/13/09
305	EIP	EIP.CCT.Package & deploy to iTest	0%	Mon 3/16/09	Tue 3/17/09
306	<b>EIP</b>	<b>IR4/TC4 Delivery</b>	<b>0%</b>	<b>Thu 3/5/09</b>	<b>Fri 4/10/09</b>
307	EIP	EIP.NMMS.CCT.Resource.Construction & UT	0%	Thu 3/5/09	Wed 3/25/09
308	EIP	EIP.NMMS.CCT.Resource.QA Test	0%	Thu 3/26/09	Wed 4/8/09
309	EIP	EIP.NMMS.CCT.Resource.Package & deploy changes for IR4/TC4 (L1-L4 Testing)	0%	Thu 4/9/09	Fri 4/10/09
310	<b>EIP</b>	<b>IR5/TC1 Delivery</b>	<b>0%</b>	<b>Mon 4/13/09</b>	<b>Thu 7/9/09</b>
311	EIP	EIP.NMMS.CCT.Resource.Construction & UT	0%	Mon 4/13/09	Mon 6/8/09
312	EIP	EIP.NMMS.CCT.Resource.QA Test	0%	Tue 6/9/09	Tue 7/7/09
313	EIP	EIP.NMMS.CCT.Resource.Package & deploy changes for IR5/TC1 (L1-L4 Testing)	0%	Wed 7/8/09	Thu 7/9/09
314	<b>EIP</b>	<b>IR5/TC2 Delivery</b>	<b>0%</b>	<b>Fri 7/10/09</b>	<b>Fri 8/14/09</b>
315	EIP	EIP.NMMS.CCT.Resource.Construction & UT	0%	Fri 7/10/09	Thu 7/30/09
316	EIP	EIP.NMMS.CCT.Resource.QA Test	0%	Fri 7/31/09	Thu 8/13/09
317	EIP	EIP.NMMS.CCT.Resource.Package & deploy changes for IR5/TC2 (L1-L4 Testing)	0%	Fri 8/14/09	Fri 8/14/09

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ERCOT Nodal IPS

ID	Project Name	Task Name	% Complete	Start	Finish
318	<b>EIP</b>	<b>NMMS - OS (Initial deploy IR4/TC3)</b>	<b>0%</b>	<b>Mon 1/26/09</b>	<b>Tue 3/17/09</b>
319	EIP	EIP.NMMS.OS.Resource.Analysis	0%	Mon 1/26/09	Tue 2/10/09
320	EIP	EIP.NMMS.OS.Resource.Design	0%	Wed 2/11/09	Tue 2/24/09
321	EIP	EIP.NMMS.OS.Resource.Construction & UT	0%	Wed 2/25/09	Tue 3/10/09
322	EIP	EIP.NMMS.OS.Resource.Adapter Review	0%	Wed 3/11/09	Thu 3/12/09
323	EIP	EIP.NMMS.OS.Resource.QA Test	0%	Fri 3/13/09	Mon 3/16/09
324	EIP	EIP.NMMS.OS.Resource.Package & Deploy to iTest	0%	Tue 3/17/09	Tue 3/17/09
325	<b>EIP</b>	<b>NMMS - OS.Tracer (IR4/TC4)</b>	<b>0%</b>	<b>Wed 3/11/09</b>	<b>Fri 4/10/09</b>
326	EIP	EIP.NMMS.OS.Tracer.Resource.Analysis	0%	Wed 3/11/09	Tue 3/17/09
327	EIP	EIP.NMMS.OS.Tracer.Resource.Design	0%	Wed 3/18/09	Tue 3/24/09
328	EIP	EIP.NMMS.OS.Tracer.Resource.Construction & UT	0%	Wed 3/25/09	Thu 4/2/09
329	EIP	EIP.NMMS.OS.Tracer.Resource.Adapter Review	0%	Fri 4/3/09	Fri 4/3/09
330	EIP	EIP.NMMS.OS.Tracer.Resource.QA Test	0%	Mon 4/6/09	Wed 4/8/09
331	EIP	EIP.NMMS.OS.Tracer.Resource.Package & Deploy to iTest	0%	Thu 4/9/09	Fri 4/10/09
332	<b>EIP</b>	<b>NMMS - SnB (intial deploy IR3)</b>	<b>70%</b>	<b>Mon 6/2/08</b>	<b>Tue 3/17/09</b>
333	EIP	EIP.NMMS.SnB.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
334	EIP	EIP.NMMS.SnB.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
335	EIP	EIP.NMMS.SnB.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08
336	EIP	EIP.NMMS.SnB.Resource.Adapter Review	100%	Wed 10/8/08	Wed 10/8/08
337	EIP	EIP.MMMS.SnB.Resource.QA Test	100%	Mon 11/3/08	Fri 11/7/08
338	EIP	EIP.NMMS.SnB.Resource.Package & deploy to iTest	100%	Mon 11/10/08	Tue 11/11/08
339	<b>EIP</b>	<b>IR4/TC2 Delivery</b>	<b>0%</b>	<b>Mon 1/26/09</b>	<b>Fri 2/20/09</b>
340	EIP	EIP.NMMS.SnB.Resource.Construction & UT	0%	Mon 1/26/09	Fri 2/13/09
341	EIP	EIP.NMMS.SnB.Resource.QA Test	0%	Mon 2/16/09	Thu 2/19/09
342	EIP	EIP.NMMS.SnB.Resource.Package & deploy changes for IR4/TC2 (????? Testing)	0%	Fri 2/20/09	Fri 2/20/09
343	<b>EIP</b>	<b>IR4/TC3 Delivery</b>	<b>0%</b>	<b>Mon 2/16/09</b>	<b>Tue 3/17/09</b>
344	EIP	EIP.NMMS.SnB.Resource.Construction & UT	0%	Mon 2/16/09	Fri 2/27/09
345	EIP	EIP.NMMS.SnB.Resource.QA Test	0%	Mon 3/2/09	Fri 3/13/09
346	EIP	EIP.NMMS.SnB.Resource.Package & deploy changes for IR4/TC3 (L1-L4 Testing)	0%	Mon 3/16/09	Tue 3/17/09
347	<b>EIP</b>	<b>OS - NMMS (NMMS 6) (initial deploy IR4/TC3)</b>	<b>76%</b>	<b>Mon 6/2/08</b>	<b>Fri 4/10/09</b>
348	EIP	EIP.OS.NMMS.Resource.Analysis	100%	Mon 6/2/08	Mon 7/7/08
349	EIP	EIP.OS.NMMS.Resource.Design	100%	Tue 7/8/08	Mon 8/11/08
350	EIP	EIP.OS.NMMS.Resource.Construction & UT	100%	Tue 8/12/08	Tue 10/7/08
351	EIP	EIP.OS.NMMS.Resource.Adapter Review	0%	Wed 3/4/09	Thu 3/5/09
352	EIP	EIP.OS.NMMS.Resource.QA Test	0%	Fri 3/6/09	Fri 3/13/09

Wed 1/14/09