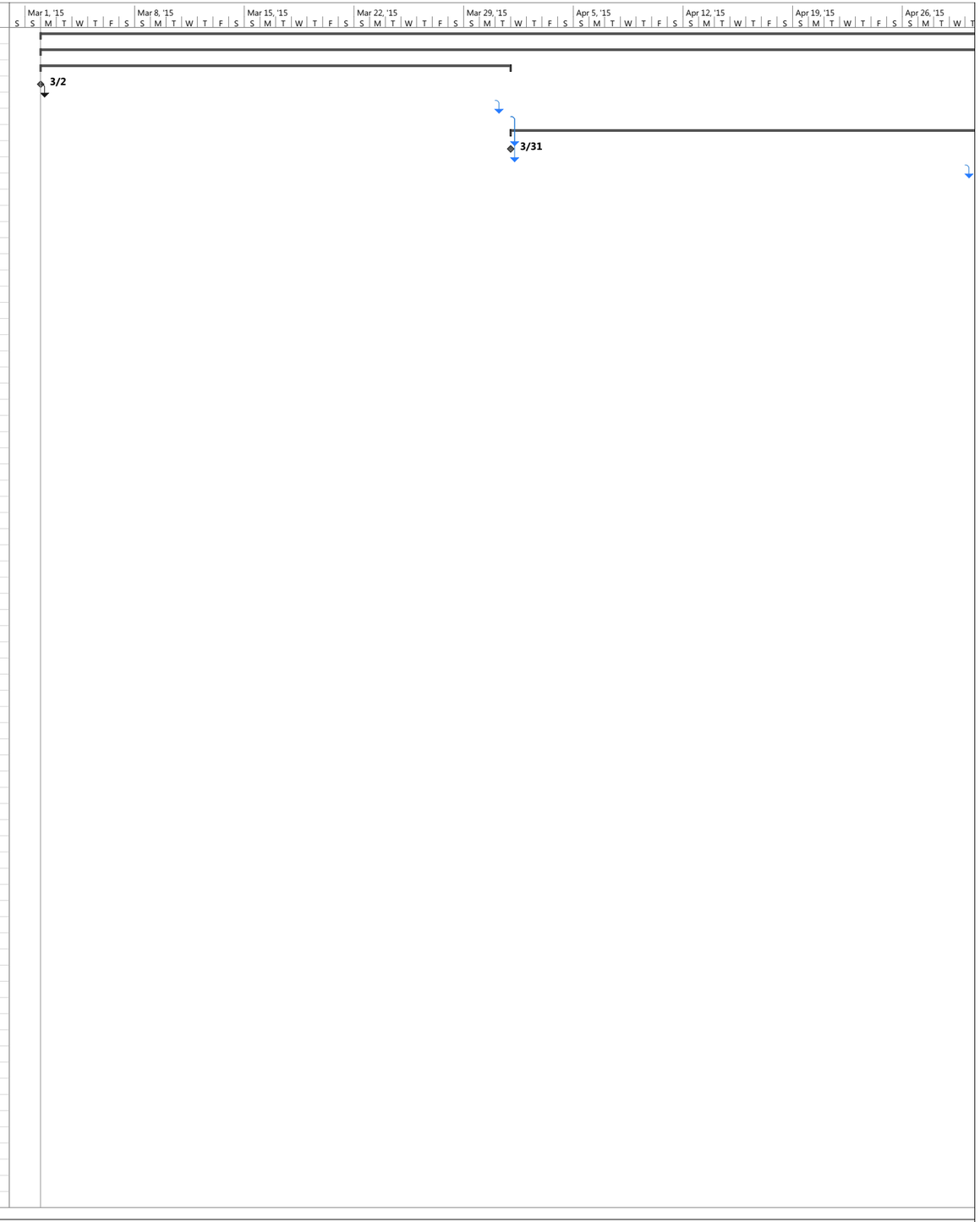
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1		**2016 MDWG Model Series (Powerflow, Short Circuit, Dynamics)**	**381 days**	**Mon 3/2/15**	**Thu 8/25/16**		
2		**Monthly Model Topology Updates (Based on Modeling Contact Submissions) (March - August)**	**129 days**	**Mon 3/2/15**	**Mon 8/31/15**		
3		**March**	**22 days**	**Mon 3/2/15**	**Tue 3/31/15**		
4		Email Notification for Data Submission	0 days	Mon 3/2/15	Mon 3/2/15		
5		**Modeling Contacts Submit Topology/Profile Updates to MOD**	**21 days**	**Mon 3/2/15**	**Mon 3/30/15**	4	
6		SPP - Post Updated Model	1 day	Tue 3/31/15	Tue 3/31/15	5	
7		**April**	**22 days**	**Tue 3/31/15**	**Thu 4/30/15**		
8		Email Notification for Data Submission	0 days	Tue 3/31/15	Tue 3/31/15	6	
9		**Modeling Contacts Submit Topology/Profile Updates to MOD**	**21 days**	**Wed 4/1/15**	**Wed 4/29/15**	**6**	
10		SPP - Post Updated Model	1 day	Thu 4/30/15	Thu 4/30/15	9	
11		**May**	**20 days**	**Thu 4/30/15**	**Fri 5/29/15**		
12		Email Notification for Data Submission	0 days	Thu 4/30/15	Thu 4/30/15	10	
13		**Modeling Contacts Submit Topology/Profile Updates to MOD**	**19 days**	**Fri 5/1/15**	**Thu 5/28/15**	**10**	
14		**2016 Series MDWG Case Set Finalized**	0 days	Fri 5/22/15	Fri 5/22/15		
15		SPP - Post Updated Model	1 day	Fri 5/29/15	Fri 5/29/15	13	
16		**June**	**22 days**	**Fri 5/29/15**	**Tue 6/30/15**		
17		Email Notification for Data Submission	0 days	Fri 5/29/15	Fri 5/29/15	15	
18		**Modeling Contacts Submit Topology/Profile Updates to MOD**	**21 days**	**Mon 6/1/15**	**Mon 6/29/15**	**15**	
19		**Modeling Kick-Off/Training Workshop**	2 days	Tue 6/23/15	Wed 6/24/15		
20		SPP - Post Updated Model	1 day	Tue 6/30/15	Tue 6/30/15	18	
21		**July**	**22 days**	**Tue 6/30/15**	**Fri 7/31/15**		
22		Email Notification for Data Submission	0 days	Tue 6/30/15	Tue 6/30/15	20	
23		**Modeling Contacts Submit Topology/Profile Updates to MOD**	**21 days**	**Wed 7/1/15**	**Thu 7/30/15**	**20**	
24		SPP - Post Updated Model	1 day	Fri 7/31/15	Fri 7/31/15	23	
25		**August (Pass 0)**	**21 days**	**Fri 7/31/15**	**Mon 8/31/15**		
26		Email Notification for Data Submission	0 days	Fri 7/31/15	Fri 7/31/15	24	
27		**Modeling Contacts Submit Topology/Profile Updates to MOD**	**10 days**	**Mon 8/3/15**	**Fri 8/14/15**	**24**	
28		SPP Staff Builds Pass 0 Model (Dispatched by SPP if necessary to solve)	10 days	Mon 8/17/15	Fri 8/28/15	27	
29		SPP - Post Updated Model	1 day	Mon 8/31/15	Mon 8/31/15	28	
30		**2016 MDWG Powerflow Models**	**109 days**	**Mon 8/31/15**	**Fri 2/5/16**		
31		**Pass 1**	**32 days**	**Mon 8/31/15**	**Wed 10/14/15**		
32		**Pass 1 - Member Review August Model/Data submission**	**12 days**	**Mon 8/31/15**	**Wed 9/16/15**		
33		**Modeling Contacts Gen/Load Profiles, Data Submittal WB & Topology Updates**	**12 days**	**Mon 8/31/15**	**Wed 9/16/15**	**28**	
34		**Pass 1 - Model Update Meeting**	**2 days**	**Tue 9/15/15**	**Wed 9/16/15**		
35		Pass 1 - Lock Down MOD	20 days	Thu 9/17/15	Wed 10/14/15	32	
36		Pass 1 - SPP Staff Review of Member Data Submissions	3 days	Thu 9/17/15	Mon 9/21/15	32	
37		Pass 1 - SPP Staff Builds Preliminary Powerflow Models	5 days	Tue 9/22/15	Mon 9/28/15	36	
38		Pass 1 - SPP Staff Posts Preliminary Pass 1 Powerflow Models/Docucheck Corrections Needs Workbook	0 days	Mon 9/28/15	Mon 9/28/15	37	
39		**Pass 1 - Members Submit Docucheck Corrections (Idev format)**	**5 days**	**Tue 9/29/15**	**Mon 10/5/15**	**38**	
40		Pass 1 - SPP Staff Builds Final Pass 1 Powerflow Models	5 days	Tue 10/6/15	Mon 10/12/15	39	
41		Pass 1 - Modeling Contact Accountability Process	1 day	Mon 10/12/15	Mon 10/12/15	40FS-1 day	
42		***Pass 1 - SPP Staff Posts Final Pass 1 Powerflow Models/Docucheck Corrections Needs Workbook***	**0 days**	**Mon 10/12/15**	**Mon 10/12/15**	**40**	
43		**Pass 2**	**38 days**	**Tue 10/13/15**	**Mon 12/7/15**		
44		**Pass 2 - Member Review Pass 1 Powerflow Models/Data submission**	**12 days**	**Tue 10/13/15**	**Wed 10/28/15**		
45		**Modeling Contacts Gen/Load Profiles, Data Submittal WB & Topology Updates**	**12 days**	**Tue 10/13/15**	**Wed 10/28/15**	**42**	
46		**Modeling Contacts Submit Docucheck Correction idevs to MOD**	**12 days**	**Tue 10/13/15**	**Wed 10/28/15**	**42**	
47		Pass 2 - Lock Down MOD	26 days	Thu 10/29/15	Mon 12/7/15	44	
48		Pass 2 - SPP Staff Review of Member Data Submissions	5 days	Thu 10/29/15	Wed 11/4/15	44	
49		Pass 2 - SPP Staff Builds Preliminary Powerflow Models (Merge with MMWG Current or Prior year)	5 days	Thu 11/5/15	Wed 11/11/15	48	
50		Pass 2 - SPP Staff Posts Preliminary Pass 2 Powerflow Models/Docucheck Corrections Needs Workbook	0 days	Wed 11/11/15	Wed 11/11/15	49	
51		**Pass 2 - Members Submit Docucheck Corrections (Idev format)**	**11 days**	**Thu 11/12/15**	**Mon 11/30/15**	**50**	
52		Pass 2 - SPP Staff Builds Final Pass 2 Powerflow Models	5 days	Tue 12/1/15	Mon 12/7/15	51	
53		Pass 2 - Modeling Contact Accountability Process	1 day	Mon 12/7/15	Mon 12/7/15	52FS-1 day	
54		***Pass 2 - SPP Staff Posts Final Pass 2 Powerflow Models/Docucheck Corrections Needs Workbook***	**0 days**	**Mon 12/7/15**	**Mon 12/7/15**	**52**	
55		**Pass 3 - Final**	**41 days**	**Tue 12/8/15**	**Fri 2/5/16**		
56		**Pass 3 - Member Review Pass 2 Powerflow Models/Final Data submission (Loads Locked Down from P2)**	**21 days**	**Tue 12/8/15**	**Fri 1/8/16**	**54**	
57		**Modeling Contacts Submit Docucheck Correction idevs to MOD**	**21 days**	**Tue 12/8/15**	**Fri 1/8/16**	**54**	
58		Pass 3 - Lock Down MOD	20 days	Mon 1/11/16	Fri 2/5/16	56	
59		Pass 3 - SPP Staff Review of Member Data Submissions	5 days	Mon 1/11/16	Fri 1/15/16	56	
60		Pass 3 - SPP Staff Builds Preliminary Powerflow Models	5 days	Mon 1/18/16	Fri 1/22/16	59	
61		*Pass 3 - SPP Staff Posts Preliminary Pass 3 Powerflow Models/Docucheck Corrections Needs Workbook*	0 days	Fri 1/22/16	Fri 1/22/16	60	
62		**Pass 3 - Members Submit Docucheck Corrections (Idev format)**	**5 days**	**Mon 1/25/16**	**Fri 1/29/16**	**61**	
63		Pass 3 - SPP Staff Builds Final Powerflow Models	5 days	Mon 2/1/16	Fri 2/5/16	62	
64		Pass 3 - Modeling Contact Accountability Process	1 day	Fri 2/5/16	Fri 2/5/16	63FS-1 day	
65		***Pass 3 - SPP Staff Posts Final Powerflow Models/Docucheck Corrections Needs Workbook***	**0 days**	**Fri 2/5/16**	**Fri 2/5/16**	**63**	
66		**2016 MDWG Short Circuit Models**	**206 days**	**Thu 11/5/15**	**Thu 8/25/16**		
67		**Pass 1**	**21 days**	**Thu 11/5/15**	**Mon 12/7/15**		
68		Pass 1 - SPP Staff Builds Preliminary Short Circuit Models	5 days	Thu 11/5/15	Wed 11/11/15	48	
69		Pass 1 - SPP Staff Posts Preliminary Pass 1 Short Circuit Models/Docucheck Corrections Needs Workbook	0 days	Wed 11/11/15	Wed 11/11/15	49	
70		**Pass 1 - Members Submit Docucheck Corrections (Idev format)**	**11 days**	**Thu 11/12/15**	**Mon 11/30/15**	**50**	
71		Pass 1 - SPP Staff Builds Final Pass 1 Models	5 days	Tue 12/1/15	Mon 12/7/15	51	
72		***Pass 1 - SPP Staff Posts Final Pass 1 Models/Docucheck Corrections Needs Workbook***	0 days	Mon 12/7/15	Mon 12/7/15	52	
73		**Pass 2 - Final**	**15 days**	**Mon 1/18/16**	**Fri 2/5/16**		



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Task | Milestone | Project Summary | Inactive Milestone | Manual Task | Manual Summary Rollup | Start-only | External Tasks | Deadline | Manual Progress
Split | Summary | Inactive Task | Inactive Summary | Duration-only | Manual Summary | Finish-only | External Milestone | Progress

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
74		Pass 2 - SPP Staff Builds Preliminary Short Circuit Models	5 days	Mon 1/18/16	Fri 1/22/16	59	
75		Pass 2 - SPP Staff Posts Preliminary Final Short Circuit Models/Docucheck Corrections Needs Workbook	0 days	Fri 1/22/16	Fri 1/22/16	74	
76		**Pass 2 - Members Submit Docucheck Corrections (Idev format)**	**5 days**	**Mon 1/25/16**	**Fri 1/29/16**	**75**	
77		Pass 2 - SPP Staff Builds Final Short Circuit Models	5 days	Mon 2/1/16	Fri 2/5/16	76	
78		***Pass 2 - SPP Staff Posts Final Short Circuit Models/Docucheck Corrections Needs Workbook***	0 days	Fri 2/5/16	Fri 2/5/16	77	
79		**2016 MDWG Powerflow/Short Circuit Model Finalization**	**6 days**	**Mon 2/8/16**	**Mon 2/15/16**		
80		**Final**	**6 days**	**Mon 2/8/16**	**Mon 2/15/16**		
81		Members Review for Finalization of 2016 Series MDWG Powerflow & Short Circuit Models	5 days	Mon 2/8/16	Fri 2/12/16	65,78	
82		***Finalization - Conference Call Vote***	***1 day***	***Mon 2/15/16***	***Mon 2/15/16***	***81***	
83		**2016 MDWG DYNAMICS MODELS**	**191 days**	**Mon 11/30/15**	**Thu 8/25/16**		
84		**MMWG 2015 Series Dynamic Models**	**1 day**	**Fri 1/15/16**	**Fri 1/15/16**		
85		Receive ERAG MMWG SDDB (Dynamics Database)	1 day	Fri 1/15/16	Fri 1/15/16		
86		**Initial Data Update**	**53 days**	**Mon 11/30/15**	**Mon 2/15/16**		
87		**Initial Data Update - Build and Post DYRE Files, Wind Farm Data, and Docureport**	**10 days**	**Mon 11/30/15**	**Fri 12/11/15**		
88		Initial Data Update - Build and Post DYRE Files, Wind Farm Data, and Docureport	10 days	Mon 11/30/15	Fri 12/11/15		
89		**Initial Data Update - Members Submit Data Updates**	**43 days**	**Mon 12/14/15**	**Mon 2/15/16**	**88**	
90		**Initial Data Update - Member Data Due**	**0 days**	**Mon 2/15/16**	**Mon 2/15/16**	**89**	
91		**Powerflow Adjustments**	**20 days**	**Tue 2/16/16**	**Mon 3/14/16**		
92		Powerflow Updates	10 days	Tue 2/16/16	Mon 2/29/16	82	
93		Wind Farm Topology and GI Updates	10 days	Tue 3/1/16	Mon 3/14/16	92	
94		**Dynamic Case Adjustments**	**37 days**	**Tue 3/1/16**	**Wed 4/20/16**		
95		Update SDDB (ERAG/MMWG Dynamic Database)	4 days	Tue 3/1/16	Fri 3/4/16	92	
96		Duplicate Models	2 days	Mon 3/7/16	Tue 3/8/16	95	
97		Generator Data Checks	2 days	Wed 3/9/16	Thu 3/10/16	96	
98		SDDB Governor Limits and Small Time Constant Reset	2 days	Fri 3/11/16	Mon 3/14/16	97	
99		WMOD/Generic WTG Checks	2 days	Tue 3/15/16	Wed 3/16/16	98	
100		CONL & GNET Files Updates	4 days	Thu 3/17/16	Tue 3/22/16	99	
101		Post Member Feedback for Dynamic Data & Case Issues	1 day	Wed 3/23/16	Wed 3/23/16	100	
102		**Members Submit Data Updates**	**15 days**	**Thu 3/24/16**	**Wed 4/13/16**	**101**	
103		**Member Data Due**	**0 days**	**Wed 4/13/16**	**Wed 4/13/16**	**102**	
104		Process SPP Member Updates	5 days	Thu 4/14/16	Wed 4/20/16	103	
105		**Dynamic Case Initialization**	**15 days**	**Thu 4/21/16**	**Wed 5/11/16**		
106		Case & Dyre File Corrections based on Initialization Messages	15 days	Thu 4/21/16	Wed 5/11/16	104	
107		**Build Final Models**	**35 days**	**Thu 5/12/16**	**Wed 6/29/16**		
108		20 Second No-fault Test & Case Adjustment	10 days	Thu 5/12/16	Wed 5/25/16	106	
109		60 Second Ring-Down Test & Case Adjustment	10 days	Thu 5/26/16	Wed 6/8/16	108	
110		NERC B&C Faults Test & Case Adjustment	5 days	Thu 6/9/16	Wed 6/15/16	109	
111		Dynamic Case Reduction	10 days	Thu 6/16/16	Wed 6/29/16	110	
112		**Dynamic Case Review and Finalization**	**41 days**	**Thu 6/30/16**	**Thu 8/25/16**		
113		Post Initial Models	5 days	Thu 6/30/16	Wed 7/6/16	111	
114		**Member Review of Initial Models**	**10 days**	**Thu 7/7/16**	**Wed 7/20/16**	**113**	
115		**Member Data Due**	**0 days**	**Wed 7/20/16**	**Wed 7/20/16**	**114**	
116		Final Data Update - Build Final Models	10 days	Thu 7/21/16	Wed 8/3/16	115	
117		Post Final Models	1 day	Thu 8/4/16	Thu 8/4/16	116	
118		**Member Review for Finalization of Dynamic Models**	**10 days**	**Fri 8/5/16**	**Thu 8/18/16**	**117**	
119		**MDWG Vote**	**5 days**	**Fri 8/19/16**	**Thu 8/25/16**	**118**	

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Task, Split, Milestone, Summary, Project Summary, Inactive Task, Inactive Milestone, Inactive Summary, Manual Task, Duration-only, Manual Summary Rollup, Manual Summary, Start-only, Finish-only, External Tasks, External Milestone, Deadline, Progress, Manual Progress