

Task Name	Duration	Start	Finish
<b>2019 ITP Powerflow &amp; 2018 MDWG Model Series (Powerflow &amp; Short Circuit) - PSS/E 33.10 - MOD 8.1.0.1</b>	<b>342 days</b>	<b>Mon 7/17/17</b>	<b>Tue 11/6/18</b>
<b>2019 ITP &amp; 2018 MDWG Powerflow/Short Circuit Models</b>	<b>170 days</b>	<b>Mon 7/17/17</b>	<b>Fri 3/9/18</b>
<b>Pass 0 - SPP Internal Powerflow &amp; Short Circuit Data/Topology Update</b>	<b>35 days</b>	<b>Mon 7/17/17</b>	<b>Fri 9/1/17</b>
Pass 0 - SPP Staff send out kick-off email	0 days	Mon 7/17/17	Mon 7/17/17
Pass 0 - Lock Down MOD	5 days	Mon 7/17/17	Fri 7/21/17
Pass 0 - SPP Staff Reviews/Builds Trial 1 Unsolved models	5 days	Mon 7/17/17	Fri 7/21/17
Pass 0 - SPP Staff Posts Trial 1 models for Member Review	0 days	Fri 7/21/17	Fri 7/21/17
Pass 0 - SPP Staff Posts Trial 1 DocuCode	0 days	Fri 7/21/17	Fri 7/21/17
Pass 0 - Trial 1: Stakeholders review models/data submission through MOD	10 days	Mon 7/24/17	Fri 8/4/17
Pass 0 - Trial 1: Stakeholder Data/Topology Updates Due	0 days	Fri 8/4/17	Fri 8/4/17
Pass 0 - Lock Down MOD	5 days	Mon 8/7/17	Fri 8/11/17
Pass 0 - SPP Staff Reviews/Builds Trial 2 Unsolved models	5 days	Mon 8/7/17	Fri 8/11/17
Pass 0 - SPP Staff Posts Trial 2 models for Member Review	0 days	Fri 8/11/17	Fri 8/11/17
Pass 0 - SPP Staff Posts Trial 2 DocuCode	0 days	Fri 8/11/17	Fri 8/11/17
Pass 0 - Trial 2: Stakeholders review models/data submission through MOD	10 days	Mon 8/14/17	Fri 8/25/17
Pass 0 - Trial 2: Stakeholder Data/Topology Updates Due	0 days	Fri 8/25/17	Fri 8/25/17
Pass 0 - Lock Down MOD	5 days	Mon 8/28/17	Fri 9/1/17
Pass 0 - SPP Staff Reviews/Builds Trial 3 Unsolved models	5 days	Mon 8/28/17	Fri 9/1/17
Pass 0 - SPP Staff Posts Trial 3 models for Member Review	0 days	Fri 9/1/17	Fri 9/1/17
Pass 0 - SPP Staff Posts Trial 3 DocuCode	0 days	Fri 9/1/17	Fri 9/1/17
<b>Pass 0 - Complete</b>	<b>0 days</b>	<b>Fri 9/1/17</b>	<b>Fri 9/1/17</b>
<b>Pass 1 - Load and Generation Profiles/Transactions</b>	<b>30 days</b>	<b>Mon 9/4/17</b>	<b>Fri 10/13/17</b>
Pass 1 - Trial 1: Stakeholders coordinate load, generation and transactions	10 days	Mon 9/4/17	Fri 9/15/17
Pass 1 - Trial 1: Stakeholder Submissions Due	0 days	Fri 9/15/17	Fri 9/15/17
Pass 1 - Trial 1: SPP Staff compiles transactions	5 days	Mon 9/18/17	Fri 9/22/17
Pass 1 - Trial 1: SPP Staff posts transactions	0 days	Fri 9/22/17	Fri 9/22/17
Pass 1 - Trial 2: Stakeholders update load and generation reports/reconcile transaction discrepancies	10 days	Mon 9/25/17	Fri 10/6/17
Pass 1 - Trial 2: Stakeholder Submissions Due	0 days	Fri 10/6/17	Fri 10/6/17
Pass 1 - Trial 2: SPP Staff compile and conduct interchange conference calls	5 days	Mon 10/9/17	Fri 10/13/17
Pass 1 - Trial 2: SPP Staff posts transactions	0 days	Fri 10/13/17	Fri 10/13/17
<b>Pass 1 - Complete</b>	<b>0 days</b>	<b>Fri 10/13/17</b>	<b>Fri 10/13/17</b>
<b>Pass 2 - Incorporate Load and Generation Profiles/Transactions</b>	<b>25 days</b>	<b>Mon 10/16/17</b>	<b>Fri 11/17/17</b>
Pass 2 - Stakeholders incorporate Profiles into MOD	5 days	Mon 10/16/17	Fri 10/20/17
Pass 2 - Stakeholder Profiles into MOD Due	5 days	Fri 10/20/17	Fri 10/20/17
Pass 2 - Lock Down MOD	10 days	Mon 10/23/17	Fri 11/3/17
Pass 2 - SPP Staff Reviews/Builds Pass 2 Solved models	10 days	Mon 10/23/17	Fri 11/3/17
Pass 2 - Model Data Submittal Workbook: SPP Staff Compile	10 days	Mon 10/23/17	Fri 11/3/17
Pass 2 - SPP Staff Posts Pass 2 Models for Stakeholder Review	0 days	Fri 11/3/17	Fri 11/3/17
Pass 2 - SPP Staff Posts Model Data Submittal Workbook and DocuCode	0 days	Fri 11/3/17	Fri 11/3/17
Pass 2 - Stakeholders review Pass 2 models/data submission through MOD	10 days	Mon 11/6/17	Fri 11/17/17
Pass 2 - Stakeholders update load and generation reports/reconcile transaction discrepancies	10 days	Mon 11/6/17	Fri 11/17/17
Pass 2 - Stakeholder Model Data Submittal Workbook Submission Due	0 days	Fri 11/17/17	Fri 11/17/17
Pass 2 - Stakeholder Data/Topology Updates Due	0 days	Fri 11/17/17	Fri 11/17/17
<b>Pass 2 - Complete</b>	<b>0 days</b>	<b>Fri 11/17/17</b>	<b>Fri 11/17/17</b>
<b>Pass 3 (Generation Topology, Loads &amp; Interchange Locked Down)</b>	<b>25 days</b>	<b>Mon 11/20/17</b>	<b>Fri 12/22/17</b>
Pass 3 - Lock Down MOD	10 days	Mon 11/20/17	Fri 12/1/17
Pass 3 - SPP Staff Reviews/Builds Pass 3 Solved models (Merge with MMWG Current or Prior year)	10 days	Mon 11/20/17	Fri 12/1/17
Pass 3 - Model Data Submittal Workbook: SPP Staff Compile	10 days	Mon 11/20/17	Fri 12/1/17
Pass 3 - SPP Staff Posts Pass 3 Models for Stakeholder Review	0 days	Fri 12/1/17	Fri 12/1/17
Pass 3 - SPP Staff Posts Model Data Submittal Workbook and DocuCode	0 days	Fri 12/1/17	Fri 12/1/17
Pass 3 - Stakeholders review Pass 3 models/data submission through MOD	15 days	Mon 12/4/17	Fri 12/22/17
Pass 3 - Stakeholders update load and generation reports/reconcile transaction discrepancies	15 days	Mon 12/4/17	Fri 12/22/17
Pass 3 - Final Stakeholder Model Data Submittal Workbook Submission Due	0 days	Fri 12/22/17	Fri 12/22/17
Pass 3 - Stakeholder Data/Topology Updates Due	0 days	Fri 12/22/17	Fri 12/22/17
<b>Pass 3 - Complete</b>	<b>0 days</b>	<b>Fri 12/22/17</b>	<b>Fri 12/22/17</b>
<b>Pass 4 (Final Generation Dispatch, Docucheck Issues and Data/Topology Updates)</b>	<b>23 days</b>	<b>Mon 12/25/17</b>	<b>Thu 2/1/18</b>
Pass 4 - Lock Down MOD	19 days	Mon 12/25/17	Thu 1/18/18
Pass 4 - SPP Staff Reviews/Builds Pass 4 Solved models	19 days	Mon 12/25/17	Thu 1/18/18
Pass 4 - Model Data Submittal Workbook: SPP Staff Compile	19 days	Mon 12/25/17	Thu 1/18/18
Pass 4 - SPP Staff Posts Pass 4 Models for Stakeholder Review	0 days	Thu 1/18/18	Thu 1/18/18
Pass 4 - SPP Staff Posts Model Data Submittal Workbook and DocuCode	0 days	Thu 1/18/18	Thu 1/18/18
Pass 4 - Stakeholders review Pass 4 models/data submission through MOD	10 days	Fri 1/19/18	Thu 2/1/18
Pass 4 - Stakeholder Data/Topology Updates Due	0 days	Thu 2/1/18	Thu 2/1/18
<b>Pass 4 - Complete</b>	<b>0 days</b>	<b>Thu 2/1/18</b>	<b>Thu 2/1/18</b>
<b>Pass 5 (Finalization of Powerflow)</b>	<b>15 days</b>	<b>Fri 2/2/18</b>	<b>Thu 2/22/18</b>
Pass 5 - Lock Down MOD	15 days	Fri 2/2/18	Thu 2/22/18
Pass 5 - SPP Staff Reviews/Builds Pass 5 Powerflow Models	15 days	Fri 2/2/18	Thu 2/22/18
Pass 5 - SPP Staff/Member Face to Face	2 days	Tue 2/6/18	Wed 2/7/18
Pass 5 - SPP Staff Posts Pass Final Models for Stakeholder Review	0 days	Thu 2/22/18	Thu 2/22/18
Pass 5 - Final Models Posted for MDWG approval	0 days	Thu 2/22/18	Thu 2/22/18
Pass 5 - Initial Final Models Posted for TWG approval	0 days	Thu 2/22/18	Thu 2/22/18
<b>2019 ITP (Load &amp; Generation) &amp; 2018 MDWG Powerflow Finalization</b>	<b>5 days</b>	<b>Fri 2/23/18</b>	<b>Thu 3/1/18</b>
Final	5 days	Fri 2/23/18	Thu 3/1/18
Stakeholders Review for Finalization of the 2018 Series MDWG Powerflow Models	5 days	Fri 2/23/18	Thu 3/1/18
Stakeholders Review for Finalization of the 2019 ITP Load & Generation	5 days	Fri 2/23/18	Thu 3/1/18
Finalization - Conference Call Vote	0 days	Thu 3/1/18	Thu 3/1/18
<b>2018 MDWG Short Circuit Models</b>	<b>74 days</b>	<b>Mon 11/20/17</b>	<b>Thu 3/1/18</b>
Merge with SERC Short Circuit Models	15 days	Mon 11/20/17	Fri 12/8/17
Pass 1 - SPP Staff Posts Pass 1 for Stakeholder review	0 days	Fri 12/8/17	Fri 12/8/17
Pass 2 - SPP Staff Posts Pass 2 for Stakeholder review	0 days	Thu 1/25/18	Thu 1/25/18
Pass 3 - SPP Staff Posts Pass 3 for Stakeholder review	0 days	Thu 3/1/18	Thu 3/1/18
<b>2018 MDWG Short Circuit Model Finalization</b>	<b>6 days</b>	<b>Fri 3/2/18</b>	<b>Fri 3/9/18</b>
Stakeholders Review for Finalization of the 2018 Series MDWG Short Circuit Models	6 days	Fri 3/2/18	Fri 3/9/18
Finalization - Conference Call Vote	0 days	Fri 3/9/18	Fri 3/9/18
<b>2019 ITP Powerflow Models Finalization</b>	<b>5 days</b>	<b>Wed 10/31/18</b>	<b>Tue 11/6/18</b>
Stakeholders Review for Finalization of the 2019 ITP Powerflow Models	5 days	Wed 10/31/18	Tue 11/6/18
Finalization - Conference Call Vote	0 days	Tue 11/6/18	Tue 11/6/18

Note: Friday data submission allowed through end of day the following Sunday.

Last Edited: 7/10/2017

2018 Series MDWG/2019 ITP							
Year	Season	MDWG/MMWG	BR	BA	Economic	Dynamic Models	MDWG
		Power Flow Model				Short Circuit Models	
2018	Spring	X					
2018	Summer	X					X
2018	Fall	X					
2018	Winter	X					
2019	Light Load	X				X	
2019	Spring	X					
2019	Summer	X	X	X		X	X
2019	Fall	X	X				
2019	Winter	X	X			X	
2020	Light Load	X	X				
2020	Spring	X	X				
2020	Summer	X	X	X		X	
2020	Fall		X				
2020	Winter	X	X				
2021	Light Load	X	X	X		X	
2021	Summer	X	X	X	X	X	X
2021	Winter		X				
2022	Summer		X				
2023	Light Load	X				X	
2023	Summer	X				X	X
2023	Summer Shoulder	X					
2023	Winter	X				X	
2024	Light Load	X	X	X			
2024	Summer	X	X	X	X		
2024	Winter		X				
2028	Summer	X				X	
2028	Winter	X				X	
2029	Light Load		X	X			
2029	Summer	X	X	X	X	X	X
2029	Winter		X				

**LEGEND**

Model Type	Category	Data Input
MMWG	X	Load, Transactions, Member Dispatch, Topology
MDWG	X	Load, Transactions, Member Dispatch, Topology
ITP	X	Load, Transactions, SPP Dispatch, Topology
BR	Base Reliability	
BA	Balancing Authority	
Economic	Economic Model used for ITP10	

2018 Series MDWG - MOD Data Submissions						
Year	Season	Load Forecast/Profile	Transactions	Generation Profile	Topology	
2018	Spring	Yes	Yes	Yes	Yes	Yes
2018	Summer	Yes	Yes	Yes	Yes	Yes
2018	Fall	Yes	Yes	Yes	Yes	Yes
2018	Winter	Yes	Yes	Yes	Yes	Yes
2019	Light Load	Yes	Yes	Yes	Yes	Yes
2019	Spring	Yes	Yes	Yes	Yes	Yes
2019	Summer	Yes	Yes	Yes	Yes	Yes
2019	Fall	Yes	Yes	Yes	Yes	Yes
2019	Winter	Yes	Yes	Yes	Yes	Yes
2020	Light Load	Yes	Yes	Yes	Yes	Yes
2020	Spring	Yes	Yes	Yes	Yes	Yes
2020	Summer	Yes	Yes	Yes	Yes	Yes
2020	Fall	Yes	Yes	Yes	Yes	Yes
2020	Winter	Yes	Yes	Yes	Yes	Yes
2021	Light Load	Yes	Yes	Yes	Yes	Yes
2021	Summer	Yes	Yes	Yes	Yes	Yes
2021	Winter	Yes	Yes	Optional	Yes	Yes
2022	Summer	Yes	Yes	Optional	Yes	Yes
2023	Light Load	Yes	Yes	Yes	Yes	Yes
2023	Summer	Yes	Yes	Yes	Yes	Yes
2023	Summer Shoulder	Yes	Yes	Yes	Yes	Yes
2023	Winter	Yes	Yes	Yes	Yes	Yes
2024	Light Load	Yes	Yes	Optional	Yes	Yes
2024	Summer	Yes	Yes	Optional	Yes	Yes
2024	Winter	Yes	Yes	Optional	Yes	Yes
2028	Summer	Yes	Yes	Yes	Yes	Yes
2028	Winter	Yes	Yes	Optional	Yes	Yes
2029	Light Load	Yes	Yes	Optional	Yes	Yes
2029	Summer	Yes	Yes	Yes	Yes	Yes
2029	Winter	Yes	Yes	Optional	Yes	Yes