Task Name	Duration	Start	Finish
2022 MDAG Model Series (Powerflow, Short Circuit, Geomagnetic) - PSS/E v34.8.2 - MOD v11 (MOD-032 East)	190 days	Mon 7/12/21	Fri 4/1/22
Data Submitters provide Powerflow (PF) and Short Circuit (SC) data Updates through MOD and EDST	76 days	Fri 3/26/21	Fri 7/9/21
Data Submitter Updates (Load, Generation, MOD Committ, Transaction, Topology & Sequence Data) Due	0 days	Fri 7/9/21	Fri 7/9/21
SPP Staff send out kick-off email	0 days	Mon 7/12/21	Mon 7/12/21
Pass 0: Powerflow (PF) & Short Circuit (SC) Data (Topology, Sequence Data, Initial Generator Retirements Updates, & Year 1 and 5 MOD committed)	10 days	Mon 7/12/21	Fri 7/23/21
Pass 0: SPP Staff Lock Down MOD and EDST	10 days	Mon 7/12/21	Fri 7/23/21
SPP Staff complies EDST/MOD data, initial dispatch information, and review projects	5 days	Mon 7/12/21	Fri 7/16/21
SPP Staff Build/Solve Pass 0 Powerflow Models	5 days	Mon 7/19/21	Fri 7/23/21
SPP Staff Post Pass 0 Models, DocuCode, and conflicting Generator Retirement List for Data Submitter Review	0 days	Fri 7/23/21	Fri 7/23/21
Pass 0 - Complete	0 days	Fri 7/23/21	Fri 7/23/21
Pass 1 - Coordinate & Submit Load, Generation, Transaction, Topology, SC Data, Geomagnetic Data Updates	70 days	Mon 7/26/21	Fri 10/29/21
Data Submitters review Pass 0 models and submit load, generation, transaction, topology and SC data updates through MOD and EDST for use in Pass 1 - Trial 1 Models	15 days	Mon 7/26/21	Fri 8/13/21
Data Submitter Updates (Load, Generation, Transaction, Topology & Sequence Data) Due	0 days	Fri 8/13/21	Fri 8/13/21
Pass 1-Trial 1: SPP Staff Lock Down MOD and EDST	20 days	Mon 8/16/21	Fri 9/10/21
SPP Staff complies EDST/MOD data, dispatch information, and review projects	5 days	Mon 8/16/21	Fri 8/20/21
SPP Staff Build/Solve Pass 1 - Trial 1 Powerflow Models	15 days	Mon 8/23/21	Fri 9/10/21
SPP Staff Review/Build Pass 1 - Trial 1 Short Circuit Models	5 days	Fri 9/3/21	Fri 9/10/21
SPP Holiday - Labor Day	0 days	Mon 9/6/21	Mon 9/6/21
SPP Staff Post Pass 1 - Trial 1 PF and SC models, Report Card, Retirement List, DocuCode, and Geomagnetic Data for Data Submitter Review	0 days	Fri 9/10/21	Fri 9/10/21
Data Submitters review Pass 1 - Trial 1 models and submit PF and SC data updates through MOD and EDST for use in Pass 1 - Trial 2 Models	15 days	Mon 9/13/21	Fri 10/1/21
Data Submitter Updates (Load, Generation, Transaction, Topology & Sequence Data) Due	0 days	Fri 10/1/21	Fri 10/1/21
Pass 1-Trial 2: SPP Staff Lock Down MOD and EDST	20 days	Mon 10/4/21	Fri 10/29/21
SPP Staff complies EDST/MOD data, dispatch information, and review projects	5 days	Mon 10/4/21	Fri 10/8/21
SPP Staff Build/Solve Pass 1 - Trial 2 Powerflow Models	15 days	Mon 10/11/21	Fri 10/29/21
SPP Staff Review/Build Pass 1 - Trial 2 Short Circuit Models	5 days	Mon 10/25/21	Fri 10/29/21
SPP Staff Post Pass 1 - Trial 2 PF and SC models and DocuCode for Data Submitter Review	0 days	Fri 10/29/21	Fri 10/29/21
Pass 1 - Complete	0 days	Fri 10/29/21	Fri 10/29/21
Pass 2 (Last Chance for Generator Additions & Retirements, Loads and Interchange)	65 days	Mon 11/1/21	Fri 1/28/22
Data Submitters review Pass 1 - Trial 2 models and submit PF and SC data updates through MOD and EDST for use in Pass 2 Models	20 days	Mon 11/1/21	Fri 11/26/21
SPP incorporate 2020 AG1 Transmission Service updates into EDST	5 days	Mon 11/22/21	Fri 11/26/21
SPP Holiday - Thanksgiving Day	2 days	Thu 11/25/21	Fri 11/26/21
Data Submitters provide Final Transmission Service Inputs (AG1) Data, review Pass 2 models/data submission through MOD, final update load and generation (Pmax, Pmin, retirement) reports/reconcile transaction discrepancies	0 days	Fri 11/26/21	Fri 11/26/21
SPP Staff for Pass 2 Lock Down MOD and EDST	35 days	Mon 11/29/21	Fri 1/14/22
SPP Staff complies EDST/MOD data, dispatch information, and review projects	5 days	Mon 11/29/21	Fri 12/3/21
SPP Staff Build/Solve Pass 2 Powerflow models (Merge with latest MMWG models)	44 days	Tue 11/30/21	Fri 1/28/22
SPP Holiday - Christmas Day	2 days	Thu 12/23/21	Fri 12/24/21
SPP Holiday -New Years Day	1 day	Mon 1/3/22	Mon 1/3/22
SPP Holiday -Dr. Martin Luther King Birthday Jr.	1 day	Mon 1/17/22	Mon 1/17/22
SPP Staff Review/Build Pass 2 Short Circuit Models (Merge with latest SERC SC Models)	7 days	Thu 1/20/22	Fri 1/28/22
SPP Staff Post Pass 2 PF and SC models and DocuCode for Data Submitter Review	0 days	Fri 1/28/22	Fri 1/28/22
Pass 2 - Complete	0 days	Fri 1/28/22	Fri 1/28/22
PRE-FINAL PASS (Final Generation Dispatch, DocuCheck Issues and Topology Updates)	25 days	Mon 1/31/22	Fri 3/4/22
MDAG Face-to-Face Meeting	2 days	Tue 2/1/22	Wed 2/2/22
Data Submitters Review Pass 2 Models; Submit PF and SC corrections through MOD and EDST for use in the Final Pass Models	15 days	Mon 1/31/22	Fri 2/18/22
Data Submitters submit FINAL Generation Dispatch, DocuCheck Corrections and Topology data updates through MOD and EDST	0 days	Fri 2/18/22	Fri 2/18/22
Data Submitters provide Geomagnetic Model Updates	0 days	Fri 2/18/22	Fri 2/18/22
SPP Staff Lock Down MOD and EDST – PRE- FINAL	5 days	Mon 2/21/22	Fri 2/25/22
Member/Stakeholder Holiday -President's Birthday	0 days	Mon 2/21/22	Mon 2/21/22
SPP Staff complies EDST/MOD data, dispatch information, and review projects	5 days	Mon 2/21/22	Fri 2/25/22
SPP Staff Build/Solve Pre- Final Pass Powerflow Models	10 days	Mon 2/21/22	Fri 3/4/22
	0 days	Fri 3/4/22	Fri 3/4/22
SPP Staff Post Pre-Final PF and SC models and DocuCode for Data Submitter Review FINAL DASS (IDENTIFY Undeted for Model Corrections)	10 days	Mon 3/7/22	Fri 3/18/22
FINAL PASS (IDEV Updates for Model Corrections) Date Submitters Review Pre Final Medale Submit IDEV for use in the Final Pass Medale	5 days	Mon 3/7/22	Fri 3/11/22
Data Submitters Review Pre-Final Models; Submit IDEV for use in the Final Pass Models	0 days	Fri 3/11/22	Fri 3/11/22
Data Submitters submit FINAL IDEV for use in final pass CDD Staff Duild/Salva Final Data Devember Madela	5 days	Mon 3/14/22	Fri 3/18/22
SPP Staff Build/Solve Final Pass Powerflow Models SPP Staff Basican/Build Final Pass Short Circuit Models	5 days	Mon 3/14/22	Fri 3/18/22
SPP Staff Review/Build Final Pass Short Circuit Models SPP Staff Post Final Pass PowerFlow and Short Circuit Models for MDAG Approval	0 days	Fri 3/18/22	Fri 3/18/22
MDAG Review 2022 MDAG Series Powerflow and TWG Review for 2023 ITP Powerflow Models for Einstization	1 day	Mon 3/21/22	Mon 3/21/22
MDAG Review 2022 MDAG Series Powerflow and TWG Review for 2023 ITP Powerflow Models for Finalization MDAG Review 2022 MDAG Series Short Circuit and TWG Review for 2023 ITP Short Circuit Models for Finalization	1 day	Mon 3/21/22	Mon 3/21/22
MDAG Review 2022 MDAG Series Short Circuit and TWG Review for 2023 ITP Short Circuit Models for Finalization Continuous	0 days	Mon 3/21/22	Mon 3/21/22
Contingency Finalization - MDAG Net Conference to Vote and Approve 2022 MDAG Powerflow Models as Final	0 days	Mon 3/28/22	Mon 3/28/22
Finalization - TWG to Vote and Approve 2023 ITP Powerflow Models as Initial-Final	0 days	Mon 3/28/22	Mon 3/28/22
Finalization - MDAG Net Conference to Vote and Approve 2022 MDAG Short Circuit Models as Final	0 days	Mon 3/28/22	Mon 3/28/22
Finalization - TWG to Vote and Approve 2023 ITP Short Circuit Models as Initial-Final	0 days	Mon 3/28/22	Mon 3/28/22
Note: Friday data submission is allowed through the end of day the following Sunday. This schedule was jointly developed by SPP as the Planning Coordinator (PC) and each of its Transmission Planners (TPs)	o uays	0,20,22	
and the SPP Model Development Working Group (MDAG).			

Model Build Schedule Color Identifier	Abbreviation	Description	Year	2022 Series MDAG / 2023 ITP Model Selection						
Orange: SPP Staff Lock Down Model on Demand and Engineering Data Submission Tool	MDAG PF	MDAG Powerflow	Definition	Year	Season	MDAG P	MDAG SC	MDAG DYN	ITP BR PF	ITP MPM F1
Green: Data Submitters Review	MDAG SC	MDAG Short Circuit	1	2023	Light Load	1		1		
Red: Data Submitters Updates Due	MDAG DYN	MDAG Dynamics	1	2023	Spring	1				
Black: SPP PowerFlow Build	ITP BR PF	ITP Base Reliability Powerflow	1	2023	Summer	1	1	1	1	
Blue: Short Circuit Build	ITP MPM F1	ITP MPM Future 1	1	2023	Fall	1			1	
Black Italic: SPP Posting or Pass Completion	ITP MPM F2	ITP MPM Future 2	1	2023	Winter	1		1	1	
Purple: MDAG Potential Face-to-Face Meeting	ITP MEM F1	ITP MEM Future 1	2	2024	Light Load	1			1	1
reen Italic: Final SPP Staff / Member Conference Call Vote and Approval	ITP MEM F2	ITP MEM Future 2	2	2024	Spring	1			1	
	ITP BR SC	ITP Base Reliability Short Circuit	2	2024	Summer	1		1	1	1
2022 Series MDAG/2023 ITP Model Selection			2	2024	Fall				1	
ed: MMWG Models			2	2024	Winter	1			1	
ack: MDAG and ITP Models- Posted on GlobalScape			3	2025	Light Load	1		1		
			3	2025	Summer	1		1		
	_		5	2027	Light Load	1		1	1	1
			5	2027	Summer	1	1	1	1	1

ar		2022 Series MDAG / 2023 ITP Model Selection											
efinition	Year	Season	MDAG PF	MDAG SO	MDAG DYN	ITP BR PF	ITP MPM F1	ITP MPM F2	ITP MEM F1	ITP MEM F2	ITP BR SC		
1	2023	Light Load	1		1								
1	2023	Spring	1										
1	2023	Summer	1	1	1	1							
1	2023	Fall	1			1							
1	2023	Winter	1		1	1							
2	2024	Light Load	1			1	1						
2	2024	Spring	1			1							
2	2024	Summer	1		1	1	1		1		1		
2	2024	Fall				1							
2	2024	Winter	1			1							
3	2025	Light Load	1		1								
3	2025	Summer	1		1								
5	2027	Light Load	1		1	1	1	1					
5	2027	Summer	1	1	1	1	1	1	1	1	1		
5	2027	Summer Shoulder	1										
5	2027	Winter	1		1	1							
10	2032	Light Load				1	1	1					
10	2032	Summer	1		1	1	1	1	1	1	1		
10	2032	Winter	1		1	1							
Stakeholo	der Reviewed Total	62	17	2	11	14	6	4	3	2	3		

Edited on 11/19/20



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