

Task Name	Duration	Start	Finish
2021 Series MDWG Model Build Schedule (Dynamics) - PSS/E v34.7 <i>Note: The SPP MDWG Model Development Procedure Manual 2020 v4.0 will be utilized for this model build.</i>	332 days	Tue 1/12/21	Fri 12/10/21
Initial Data Update	23 days	Tue 1/12/21	Mon 2/15/21
Initial Data Update - Build and Post DYRE Files, WindFarm Data, Docureport, Most Severe TPL Fault Submission Template, and Unacceptable User Models	3 days	Tue 1/12/21	Fri 1/15/21
Initial Data Update -Members Submit Data Updates	20 days	Mon 1/18/21	Mon 2/15/21
Initial Data Update - Member Data Due	0 days	Mon 2/15/21	Mon 2/15/21
Transmission Planner Most Severe TPL Fault Testing Submission Data Due	0 days	Mon 2/15/21	Mon 2/15/21
Dynamic Model Adjustments	29 days	Tue 2/16/21	Fri 3/19/21
Dynamics Adjustment (Dyre file, CMLD Load and User Defined Model Update)	29 days	Tue 2/16/21	Fri 3/19/21
Lastest MMWG and MDWG Series Models	0 days	Fri 3/19/21	Fri 3/19/21
MMWG dynamic models	0 days	Fri 3/19/21	Fri 3/19/21
Receive 2021 MDWG Powerflow Final Models	0 days	Fri 3/19/21	Fri 3/19/21
Powerflow Model Adjustments	24 days	Mon 3/22/21	Fri 4/15/21
Powerflow Model Reduction, Powerflow Adjustments, Updates, Wind Farm Topology, X-Source	24 days	Mon 3/22/21	Thu 4/15/21
Dynamic Case Initialization	33 days	Fri 4/16/21	Wed 6/2/21
DC Tie Model Updates	0 days	Fri 4/16/21	Fri 4/16/21
Case & Dyre File Corrections based on Initialization Messages	33 days	Fri 4/16/21	Wed 6/2/21
Build Initial Models	35 days	Thu 6/3/21	Thu 6/22/21
No-fault Testing	10 days	Thu 6/3/21	Thu 6/17/21
Disturbance Testing	10 days	Thu 6/17/20	Thu 7/1/21
Command Line Testing	5 days	Thu 7/1/21	Thu 7/8/21
Transmission Planner Submitted Most Severe TPL Fault Testing	10 days	Thu 7/8/21	Thu 7/22/21
Dynamic Case Review and Finalization	11 days	Fri 7/23/21	Tue 8/10/21
Post Initial Models	1 days	Fri 7/23/21	Mon 7/26/21
Member Review of Initial Models	10 days	Tue 7/27/21	Mon 8/9/21
Member Final Data Submission Due	0 days	Tue 8/10/21	Tue 8/10/21
Data Update - Build Updated Models	26 days	Wed 8/11/21	Tue 9/16/21
Build Final Models	15 days	Wed 8/11/21	Wed 9/1/21
Post Proposed Final MDWG Models	1 day	Thu 9/2/21	Thu 9/2/21
Member Review of Proposed Final MDWG Dynamic Models	10 days	Fri 9/3/21	Tue 9/16/21
MDWG Finalization - Conference Call Vote	0 days	Thu 9/16/21	Thu 9/16/21
TPL Data Update - Build TPL Models	72 days	Fri 9/3/21	Tue 12/16/21
TPL Sensitivity Dispatch	15 days	Fri 9/3/21	Fri 9/24/21
TPL Data Update - Build Final Models including Board Decisions (NTC addition/withdrawals)	45 days	Fri 9/24/21	Mon 11/29/21
Post Final TPL MDWG Models	0 days	Tue 11/30/21	Tue 11/30/21
Member Review of Final TPL MDWG Dynamic Models	10 days	Wed 12/1/21	Wed 12/15/21
TPL MDWG Finalization - Conference Call Vote	0 days	Thu 12/16/21	Thu 12/16/21
<i>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) and the SPP Model Development Working Group (MDWG).</i>			

Edited on 10/7/2020

Year Definition	2021 Series MDWG / 2022 ITP Model Selection				
	MDWG	ITP/TPL	Year	Season	MDWG Reduced Dynamic
0	-1	2021	Spring		
0	-1	2021	Summer		
0	-1	2021	Fall		
0	-1	2021	Winter		
1	0	2022	Light Load	1	
1	0	2022	Spring		
1	0	2022	Summer	1	
1	0	2022	Fall		
1	0	2022	Winter	1	
2	1	2023	Light Load		
2	1	2023	Spring		
2	1	2023	Summer	1	
2	1	2023	Fall		
2	1	2023	Winter		
3	2	2024	Light Load	1	1
3	2	2024	Summer	1	1
3	2	2024	Winter		
5	4	2026	Light Load	1	
5	4	2026	Summer	1	
5	4	2026	Summer Shoulder		
5	4	2026	Winter	1	
6	5	2027	Light Load		
6	5	2027	Summer		
6	5	2027	Winter		
10	9	2031	Summer	1	
10	9	2031	Winter	1	
11	10	2032	Light Load		
11	10	2032	Summer	1	
11	10	2032	Winter		
Totals			14	12	2

2021 Series MDWG/2022 ITP Model Selection
Red: MMWG Models
Black: MDWG and ITP Models- Posted on GlobalScape
Green: ITP Models - Not posted on GlobalScape (Internal Only)

Model Build Schedule Color Identifier
Green: Data Submitters Review
Red: Data Submitters Updates Due
Black: SPP Dynamics Build
Purple: MDWG Finalization - Conference Call Vote