



Review of Generator Interconnection Studies Plan

West Sub-regional Planning Meeting

September 5, 2025

Purpose & Key Takeaways



To provide an update on MISO's current queue status, projects and costs; along with communicating upcoming schedule dates

- Gain understanding of current and future queue projects
- Awareness of upcoming system impact study report postings



MISO GENERATOR INTERCONNECTION

DPP Active Queue Overview

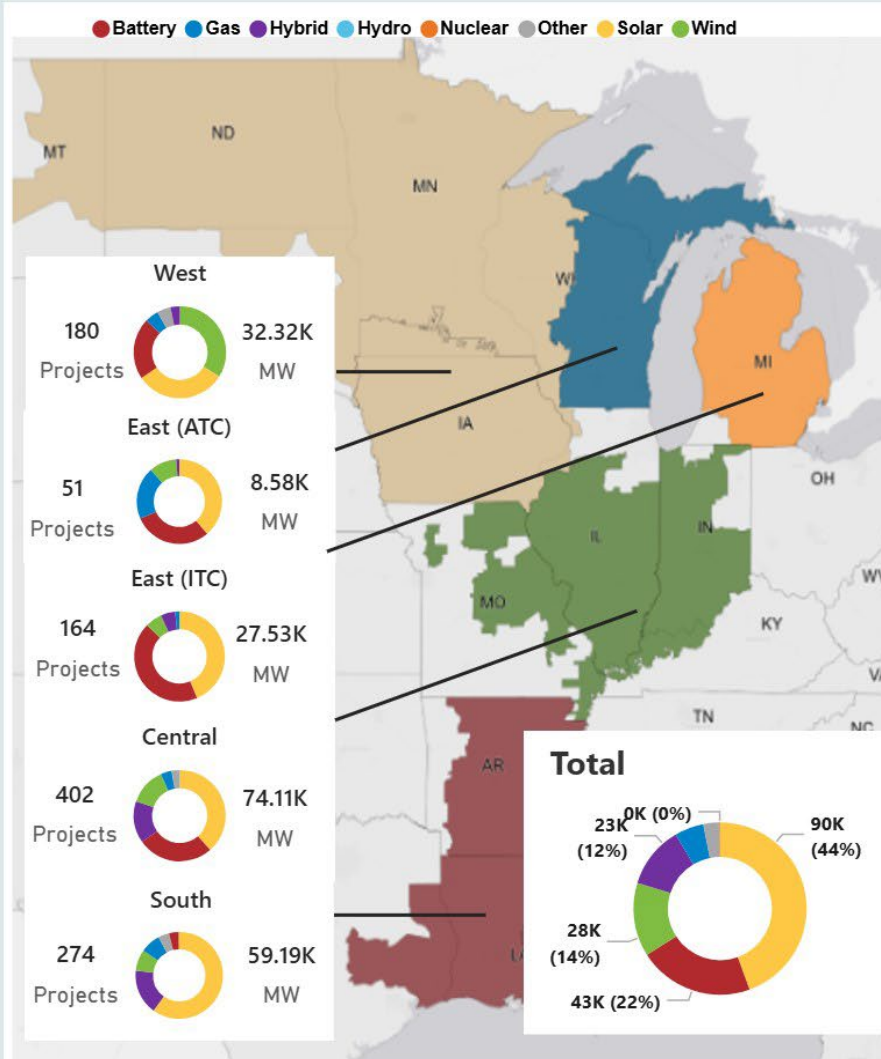
1071

Active Projects in Queue

201,731.19

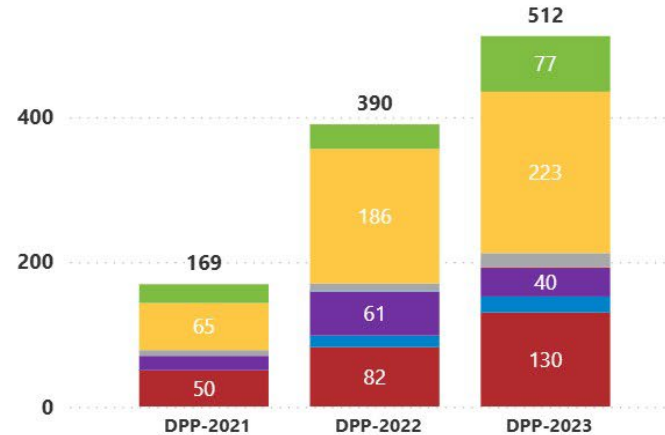
MW in Queue

MISO Active Queue by Study Group

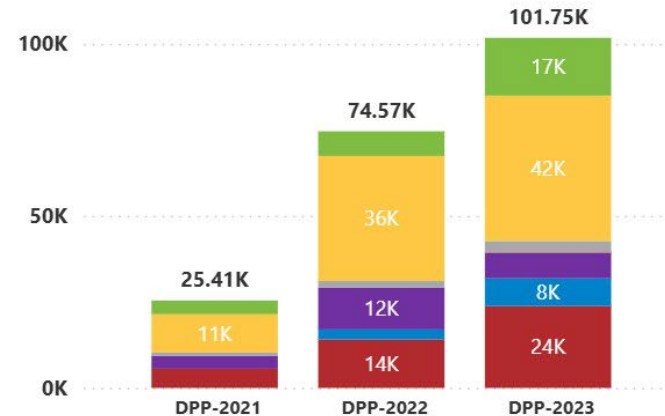


DPP Trends

Active Projects by Year



Active Projects by Year (MW)



Group	DPP-2021		DPP-2022		DPP-2023	
Fuel	#	MW	#	MW	#	MW
Central	95	14,025	121	24,490	186	35,599
Battery	30	2,778	31	5,779	57	11,301
Gas			2	931	4	1,948
Hybrid	14	2,862	25	6,118	13	1,961
Other	4	450	5	895	5	790
Solar	34	5,951	49	9,035	79	13,548
Wind	13	1,985	9	1,732	28	6,052
East (ATC)	17	3,076	20	3,209	14	2,291
Battery	5	950	5	950	4	650
Gas			6	995	3	711
Hybrid	1	100				
Solar	10	1,986	8	1,074	3	260
Wind	1	40	1	190	4	670
East (ITC)	29	4,109	58	10,068	77	13,351
Battery	12	1,445	22	3,942	36	6,600
Gas			1	13	3	405
Hybrid	4	600	2	310	3	503
Other					1	8
Solar	11	1,796	33	5,803	27	4,430
Wind	2	268			7	1,406
South			121	24,774	153	34,415
Battery			4	379	11	1,705
Gas			1	220	7	4,200
Hybrid			31	5,407	22	4,497
Nuclear					1	153
Other			3	300	11	2,115
Solar			75	16,602	89	18,918
Wind			7	1,867	12	2,827
West	28	4,201	70	12,032	82	16,091
Battery	3	400	20	3,007	22	3,545
Gas			6	791	5	774
Hybrid	1	250	3	258	2	550
Hydro			1	3		
Other	4	438	2	798	2	302
Solar	10	1,414	21	3,808	25	5,051
Wind	10	1,700	17	3,368	26	5,869
Total	169	25,411	390	74,573	512	101,747

DPP-2020-West GIA Negotiations Underway

Cost Breakdown	Cost
ERIS Network Upgrades	\$27,555,000
Affected System Network Upgrades	\$11,311,414
NRIS Network Upgrades	\$24,518,366
Interconnection Facility Network Upgrades	\$100,712,001
LPC Network Upgrades	\$0
Totals Costs excluding SNU and TOIF	\$158,318,466

DPP-2021-West Phase-2 Final

Cost Breakdown	Cost
ERIS Network Upgrades	\$952,662,121
Affect System Network Upgrades	\$2,103,217,210
NRIS Network Upgrades	\$425,633,285
Interconnection Facility Network Upgrades	\$310,937,229
LPC Network Upgrades	\$55,009,354
Totals Costs excluding SNU and TOIF	\$1,744,241,989

DPP-2022-West Phase-1

Cost Breakdown	Cost
ERIS Network Upgrades	\$2,671,216,444
Affected System Network Upgrades	TBD
NRIS Network Upgrades	\$4,990,882,669
Interconnection Facility Network Upgrades	\$987,315,000
LPC Network Upgrades	\$593,439,478
Total Costs excluding TOIF	\$11,913,980,673

DPP-2021-ATC Phase-2 Final

Cost Breakdown	Cost
ERIS Network Upgrades	\$138,118,614
Affected System Network Upgrades	\$2,279,000
NRIS Network Upgrades	\$539,232,730
Interconnection Facility Network Upgrades	\$202,342,362
Totals Costs excluding TOIF	\$863,323,367

DPP-2022-ATC Phase-1

Cost Breakdown	Cost
ERIS Network Upgrades	\$226,037,074
Affected System Network Upgrades	TBD
NRIS Network Upgrades	\$246,835,777
Interconnection Facility Network Upgrades	\$335,891,544
LPC Network Upgrades	\$3,645,755
Totals Costs excluding TOIF	\$812, 410,149

DPP Schedule Overview

DPP Schedule As Of 8/01/2025

Region	Study Cycle	Number of Projects	MW's	DPP Start	DPP 1 Completion	DPP 2 Completion	DPP 3 Completion*	GIA Execution*	Current Stage/Status	Reason for Delay	Delaying TO (if applicable)	Expected Time of Delay (days)	Details
Central	DPP-2018-APR	34	7,344	4/22/2019	1/7/2020	3/10/2021	1/8/2024	6/6/2024	GIA Complete				
	DPP-2019-Cycle	81	13,216	6/23/2020	8/5/2021	5/20/2022	1/26/2024	5/13/2024	GIA Complete				
	DPP-2019-Cycle (Restudy)	69	10,988			5/21/2024	1/24/2025	5/23/2025	GIA Complete				
	DPP-2020-Cycle	43	7,035	3/15/2021	7/14/2023	8/30/2024	3/13/2025	7/26/2025	DPP 3				No change from last month
	DPP-2021-Cycle	95	13,840	12/8/2021	10/7/2024	9/19/2025	11/14/2025	3/29/2026	DPP 2	IC Delay	J2128	28 calendar day delay from last month	IC Delay in Stability Analysis and cascading TO delays from ERS mitigations
	DPP-2022-Cycle	283	51,762	3/27/2023	7/29/2025	11/8/2025	1/3/2026	5/18/2026	DPP 1				No change from last month
	DPP-2023-Cycle	207	37,035	9/12/2025	12/21/2025	4/2/2026	5/28/2026	10/10/2026	Application	MISO Delay		23 calendar day delay from last month	Additional time needed to process the DPP 2022 decision point results, deficiencies with milestones and applications, and changes in Interconnection Service levels.
	DPP-2025-Cycle	-	-	1/5/2026	4/15/2026	7/26/2026	9/20/2026	2/2/2027	Application				No change from last month
East (ATC)	DPP-2019-Cycle	16	1,721	5/20/2020	2/11/2021	3/10/2022	11/14/2022	4/13/2023	GIA Complete				
	DPP-2020-Cycle	29	3,850	2/24/2021	7/30/2021	10/28/2022	1/4/2024	4/21/2024	GIA Complete				No change from last month
	DPP-2021-Cycle	38	5,166	12/8/2021	6/9/2023	9/30/2024	9/12/2025	1/25/2026	DPP 3	Pending Previous Study Results		49 calendar day delay from last month	Delayed 2021-ATC Ph3 to await results of DPP-2021-West Decision Point 2.
	DPP-2022-Cycle	30	4,045	3/27/2023	7/29/2025	11/8/2025	1/3/2026	5/18/2026	DPP 2				No change from last month
	DPP-2023-Cycle	-	-	9/12/2025	12/21/2025	4/2/2026	5/28/2026	10/10/2026	Application	MISO Delay		23 calendar day delay from last month	Additional time needed to process the DPP 2022 decision point results, deficiencies with milestones and applications, and changes in Interconnection Service levels.
	DPP-2025-Cycle	-	-	1/5/2026	4/15/2026	7/26/2026	9/20/2026	2/2/2027	Application				No change from last month
East (ITC)	DPP-2019-Cycle	28	3,621	7/7/2020	2/11/2021	3/29/2022	12/27/2022		GIA Complete				
	DPP-2020-Cycle	21	3,872	2/24/2021	1/6/2022	9/7/2022	5/23/2023	9/8/2023	GIA Complete				
	DPP-2021-Cycle	54	8,907	12/8/2021	9/4/2023	2/27/2025	8/29/2025	1/11/2026	DPP 3	MISO Delay		14 Calendar Day delay from last month	
	DPP-2022-Cycle	87	15,015	3/27/2023	7/29/2025	11/8/2025	1/3/2026	5/18/2026	DPP 2				No change from last month
	DPP-2023-Cycle	-	-	9/12/2025	12/21/2025	4/2/2026	5/28/2026	10/10/2026	Application	MISO Delay		23 calendar day delay from last month	Additional time needed to process the DPP 2022 decision point results, deficiencies with milestones and applications, and changes in Interconnection Service levels.
	DPP-2025-Cycle	-	-	1/5/2026	4/15/2026	7/26/2026	9/20/2026	2/2/2027	Application				No change from last month
South	DPP-2019-Cycle	34	5,545	2/10/2020	8/8/2020	3/18/2021	5/31/2022	10/28/2022	GIA Complete				
	DPP-2020-Cycle	48	6,542	12/22/2020	10/27/2021	8/9/2022	1/20/2023	5/8/2023	GIA In Progress				
	DPP-2021-Cycle	144	24,603	12/8/2021	10/25/2023	3/6/2025	8/15/2025	12/28/2025	DPP 3	MISO/TO Delay	MISO and Entergy	21 calendar day delay from last month	Short circuit and mitigation refinement delay
	DPP-2022-Cycle	369	70,999	3/27/2023	7/29/2025	11/8/2025	1/3/2026	5/18/2026	DPP 2				No change from last month
	DPP-2023-Cycle	-	-	9/12/2025	12/21/2025	4/2/2026	5/28/2026	10/10/2026	Application	MISO Delay		23 calendar day delay from last month	Additional time needed to process the DPP 2022 decision point results, deficiencies with milestones and applications, and changes in Interconnection Service levels.
	DPP-2025-Cycle	-	-	1/5/2026	4/15/2026	7/26/2026	9/20/2026	2/2/2027	Application				No change from last month
West	DPP-2019-Cycle	24	4,314	5/5/2020	3/19/2021	2/22/2022	2/9/2023	7/9/2023	GIA In Progress				No change from last month.
	DPP-2020-Cycle	30	3,638	1/6/2021	12/21/2021	1/6/2023	4/16/2024	8/2/2024	GIA In Progress				No change from last month.
	DPP-2021-Cycle	65	10,384	12/8/2021	9/28/2023	7/16/2025	9/23/2025	2/5/2026	DPP 3	MISO Delay		13 Calendar Day delay	Kick-off delay due to DP2 election processing
	DPP-2022-Cycle	119	22,624	3/27/2023	7/29/2025	11/8/2025	1/3/2026	5/18/2026	DPP 2				No change from last month.
	DPP-2023-Cycle	101	19,592	9/12/2025	12/21/2025	4/2/2026	5/28/2026	10/10/2026	Application	MISO Delay		23 calendar day delay from last month	Additional time needed to process the DPP 2022 decision point results, deficiencies with milestones and applications, and changes in Interconnection Service levels.
	DPP-2025-Cycle	-	-	1/5/2026	4/15/2026	7/26/2026	9/20/2026	2/2/2027	Application				No change from last month

Notes:

- 1) The dates provided are an estimate of queue cycle performance (including Federal Holidays or Weekends).
- 2) The dates provided are inclusive of the associated Decision Points. Final study reports are posted 15 business days prior to the completion dates.
- 3) DPP3 (Final System Impact Study) of several DPP cycles is scheduled to start before expected GIA execution of higher queued cycles. This schedule does not consider any restudies that may occur after Decision Point 2 of higher queued cycles.
- 4) Updates from the previous version are provided in red font.
- 5) The number of projects or MW's in a study group may change throughout the study process.

*DPP 3 Completion and GIA Completion dates assume that Interconnection Customer follows Path #1 (NU FS not required). If the Interconnection Customer elects to follow Path #2, add 90 calendar days to the dates shown in these columns.

Categories for Reason of Delay:

TO Delay
MISO Delay
MISO Delay/TO Delay
IC Delay
Restudy Delay
Affected System Study Delay
Pending FERC Ruling
Model/Mitigation Delay
Pending Previous Study Results

MISO Holidays	2025
News Year's Day	1/1/2025
Martin Luther King Day	1/20/2025
Presidents' Day	2/17/2025
Memorial Day	5/26/2025
Independence Day	7/4/2025
Labor Day	9/1/2025
Thanksgiving	11/27/2025
Day After Thanksgiving	11/28/2025
Christmas Eve	12/24/2025
Christmas	12/25/2025

On March 15, 2022, MISO's Reduced GIP Timeline initiative took effect. For all active study cycles, the subsequent Study Phase starting after March 15, 2022 will follow the new timeline. For additional details, please see Attachment X Sections 5.9, 7, & 11. The transition to the new DPP timeline is shown on the schedule above as follows:

Dates NOT impacted by the new timeline have a white background with normal text

Dates impacted by the new timeline have a green background and italic text

Latest DPP Schedule is available on [MISO Website](#), under Planning → Resource Utilization → Generator Interconnection Queue → [Definitive Planning Phase](#)



Contact Information

Gala Disasa

DPP-West Engineer

gdisasa@misoenergy.org

Emily Schaefer

DPP-ATC Engineer

eschaefer@misoenergy.org

Ryan Westphal

Resource Utilization DPP Manager

rwestphal@misoenergy.org

Kyle Trotter

Resource Utilization Manager

ktrotter@misoenergy.org