



# DPP Study Schedule Update

Interconnection Process Working Group (IPWG)

April 11, 2022

Region	Study Cycle	Number of Projects	MW's	Site Control Date	DPP Start	DPP 1 Completion	DPP 2 Completion	DPP 3 Completion	GIA Execution	Current Stage/Status	Reason for Delay	Details
Central	DPP-2018-APR	34	7,344		4/22/2019	1/7/2020	3/10/2021	5/2/2022	9/29/2022	DPP 3	NU FS Study Delay	Entergy NU FS report required expanded scope and additional time. Expected in early May.
	DPP-2019-Cycle	81	13,216		6/23/2020	8/5/2021	4/8/2022	8/22/2022	1/19/2023	DPP 2	MISO Delay	Decision Point 2 was restarted due to substantive updates to the SIS report
	DPP-2020-Cycle	85	13,173		3/15/2021	6/20/2022	9/12/2022	1/24/2023	6/23/2023	DPP 1	TO Delay	MISO ERS results posted 01/25/2022. TO mitigations expected late May.
	DPP-2021-Cycle	119	17,586		12/8/2021	8/22/2022	11/14/2022	3/29/2023	8/28/2023	DPP 1	Pending Previous Study Results	Model delay due to previous cycles. Model expected to be finalized in early May.
	DPP-2022-Cycle	-	-	9/15/2022	12/14/2022	5/4/2023	7/25/2023	12/6/2023	5/6/2024			
East (ATC)	DPP-2019-Cycle	16	1,721		5/20/2020	2/11/2021	3/10/2022	7/28/2022	12/27/2022	DPP 3	MISO Delay	Draft model posted 3/21
	DPP-2020-Cycle	29	3,850		2/24/2021	7/30/2021	5/5/2022	9/16/2022	2/13/2023	DPP 2		PJM AFS report expected early April
	DPP-2021-Cycle	38	5,166		12/8/2021	8/22/2022	11/14/2022	3/29/2023	8/28/2023	DPP 1	Pending Previous Study Results	Model delay due to previous cycles. Model expected to be finalized in early May.
	DPP-2022-Cycle	-	-	9/15/2022	12/14/2022	5/4/2023	7/25/2023	12/6/2023	5/6/2024			
East (ITC)	DPP-2019-Cycle	28	3,621		7/7/2020	2/11/2021	3/29/2022	8/10/2022	1/9/2023	DPP 3	IC Delay	IC used cure period after Decision Point 2. Phase 3 kick-off now 4/1
	DPP-2020-Cycle	21	3,872		2/24/2021	1/6/2022	5/5/2022	9/16/2022	2/13/2023	DPP 2		PJM AFS report expected early April
	DPP-2021-Cycle	54	8,907		12/8/2021	8/22/2022	11/14/2022	3/29/2023	8/28/2023	DPP 1	Pending Previous Study Results	Model delay due to previous cycles. Model expected to be finalized in early May.
	DPP-2022-Cycle	-	-	9/15/2022	12/14/2022	5/4/2023	7/25/2023	12/6/2023	5/6/2024			
South	DPP-2019-Cycle	34	5,545		2/10/2020	8/6/2020	3/18/2021	4/8/2022	9/6/2022	DPP 3	NU FS Study Delay	1 remaining NU FS expected late March
	DPP-2020-Cycle	48	6,542		12/22/2020	10/27/2021	5/9/2022	9/20/2022	2/17/2023	DPP 2		SPP AFS received 3/17
	DPP-2021-Cycle	144	24,603		12/8/2021	8/22/2022	11/14/2022	3/29/2023	8/28/2023	DPP 1	Pending Previous Study Results	Model delay due to previous cycles. Model expected to be finalized in early May.
	DPP-2022-Cycle	-	-	9/15/2022	12/14/2022	5/4/2023	7/25/2023	12/6/2023	5/6/2024			
West	DPP-2017-AUG	10	1,408		6/12/2019	10/24/2019	2/1/2021	8/16/2021	1/13/2022	GIA In Progress		GRE LPC Restudy due to J628 Withdrawal
	DPP-2018-APR	20	2,317		9/9/2019	3/25/2020	3/9/2021	12/12/2021	5/11/2022	GIA In Progress		
	DPP-2019-Cycle	24	4,314		5/5/2020	3/19/2021	2/22/2022	7/6/2022	12/5/2022	DPP 3		
	DPP-2020-Cycle	30	3,638		1/6/2021	12/21/2021	5/9/2022	9/20/2022	2/17/2023	DPP 2		SPP AFS report expected early April
	DPP-2021-Cycle	65	10,384		12/8/2021	8/22/2022	11/14/2022	3/29/2023	8/28/2023	DPP 1	Pending Previous Study Results	Model delay due to previous cycles. Model expected to be finalized in early May.
	DPP-2022-Cycle	-	-	9/15/2022	12/14/2022	5/4/2023	7/25/2023	12/6/2023	5/6/2024			

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 MWs in a study group may change throughout the study process.

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

Federal Holiday	2022
News Year's Day	12/31/2021
Martin Luther King Day	1/17/2022
Presidents' Day	2/21/2022
Memorial Day	5/30/2022
Independence Day	7/4/2022
Labor Day	9/5/2022
Columbus Day	10/10/2022
Veterans Day	11/11/2022
Thanksgiving Day	11/24/2022
Christmas Day	12/26/2022

GI Process timeline changes were accepted by FERC on March 15, 2022. This schedule does not yet reflect the new timeline.

Region	Study Cycle	Number of Projects	MW	Site Control Date	Scoping Call Start Date	Screening Analysis Date	DPP Start	DPP 1 Completion	DPP 2 Completion	DPP 3 Completion	GIA Execution	Current Stage/Status	Reason for Delay	Details
Central	DPP-2018-APR	34	7,344				4/22/2019	1/7/2020	3/10/2021	5/2/2022	9/29/2022	DPP 3	TO Delay	Entergy NJ FS requires expanded scope and additional time. Report expected in early May.
	DPP-2019-Cycle	81	13,216				6/23/2020	8/5/2021	3/28/2022	8/9/2022	1/6/2023	DPP 2	MISO Delay	IC SIS Draft review extended due to holiday. Additional time required due to volume of comments.
	DPP-2020-Cycle	85	13,173				3/15/2021	4/18/2022	7/8/2022	11/21/2022	4/20/2023	DPP 1	Model/Mitigation Delay	DPP1 SIS waiting for TO mitigations. Multiple TO mitigations are delayed.
	DPP-2021-Cycle	119	17,586				12/8/2021	8/1/2022	10/21/2022	3/6/2023	9/3/2023	DPP 1	Pending Previous Study Results	Model delay due to previous cycles. Waiting for 2019 Phase 2 results.
	DPP-2022-Cycle	-	-	9/15/2022	10/30/2022	11/29/2022	12/14/2022	5/4/2023	7/25/2023	12/6/2023	5/6/2024			
East (ATC)	DPP-2019-Cycle	16	1,721				5/20/2020	2/11/2021	3/10/2022	7/22/2022	12/19/2022	DPP 2	Affected System Study Delay	PJM Affected System Study received in mid-February
	DPP-2020-Cycle	29	3,850				2/24/2021	7/30/2021	5/5/2022	9/16/2022	2/13/2023	DPP 2	Affected System Study Delay	DPP2 SIS complete. Final report waiting for PJM AFS (expected late March)
	DPP-2021-Cycle	38	5,166				12/8/2021	8/1/2022	10/21/2022	3/6/2023	8/3/2023	DPP 1	Pending Previous Study Results	Model delay due to previous cycles. Waiting for 2019 Phase 2 results.
	DPP-2022-Cycle	-	-	9/15/2022	10/30/2022	11/29/2022	12/14/2022	5/4/2023	7/25/2023	12/6/2023	5/6/2024			
East (ITC)	DPP-2019-Cycle	28	3,621				7/7/2020	2/11/2021	3/11/2022	7/25/2022	12/22/2022	DPP 2	Affected System Study Delay	PJM Affected System Study received in mid-February
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	DPP-2022-Cycle	-	-	9/15/2022	10/30/2022	11/29/2022	12/14/2022	5/4/2023	7/25/2023	12/6/2023	5/6/2024			
South	DPP-2019-Cycle	34	5,545				2/10/2020	8/6/2020	3/18/2021	3/15/2022	8/12/2022	DPP 3	NU FS Study Delay	All DPP3 studies completed except 1 remaining NU FS. Report expected mid-March
	DPP-2020-Cycle	48	6,542				12/22/2020	10/27/2021	5/9/2022	9/20/2022	2/17/2023	DPP 2	Affected System Study Delay	DPP2 SIS complete. Final report waiting for SPP AFS (expected in early April)
	DPP-2021-Cycle	144	24,603				12/8/2021	8/1/2022	10/21/2022	3/6/2023	8/3/2023	DPP 1	Pending Previous Study Results	Model delay due to previous cycles. Waiting for 2019 Phase 2 results.
	DPP-2022-Cycle	-	-	9/15/2022	10/30/2022	11/29/2022	12/14/2022	5/4/2023	7/25/2023	12/6/2023	5/6/2024			
West	DPP-2017-AUG	10	1,408				6/12/2019	10/24/2019	2/1/2021	8/16/2021	1/13/2022	GIA In Progress		
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	DPP-2022-Cycle	-	-	9/15/2022	10/30/2022	11/29/2022	12/14/2022	5/4/2023	7/25/2023	12/6/2023	5/6/2024			

Notes:

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Categories for Reason of Delay:

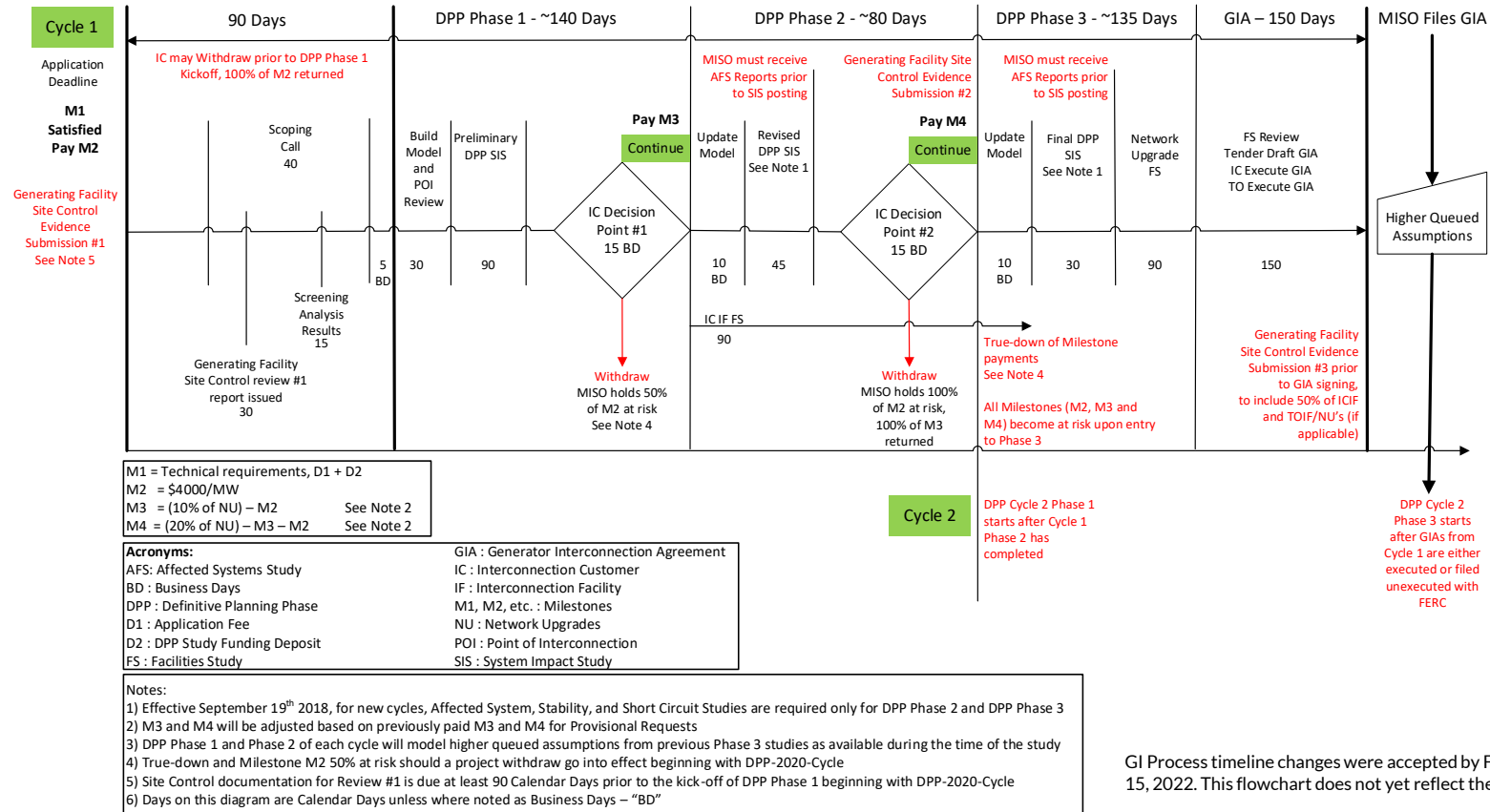
- TO Delay
- MISO Delay
- MISO Delay/TO Delay
- IC Delay
- Restudy Delay
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- Pending FERC Ruling
- Model/Mitigation Delay
- Pending Previous Study Results

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GI Process timeline changes were accepted by FERC on March 15, 2022. This schedule does not yet reflect the new timeline.

# Generator Interconnection Process

DPP Phase 1 + DPP Phase 2 + DPP Phase 3 + GIA = ~ 505 Days



GI Process timeline changes were accepted by FERC on March 15, 2022. This flowchart does not yet reflect the new timeline.

# Additional Resources

## Current Queue Info

[Interactive Queue & Queue Map](#)

[GIQ Web Overview](#)

[Replacement Requests](#)

[Surplus Requests](#)

[MHVDC Requests](#)

## Stakeholder Entities

[Interconnection Process Working Group \(IPWG\)](#)

[Planning Advisory Committee \(PAC\)](#)

[MISO-SPP Joint Targeted](#)

[Interconnection Queue Study \(JTIQ\)](#)

## Getting Started

[Attachment X](#)

[BPM-015](#)

[MISO Learning Center](#)

[Queue Process Diagram](#)

[Queue Process Workshops](#)

[POI Analysis Tool](#)

[Transferred Transmission Facilities](#)

[Ad Hoc Info Session Request Form](#)

[GI Online Application Tool](#)

## Affected System Studies

[AFS Partner Schedules](#)

[MISO AFS Schedules](#)

[MISO AFS NUFS](#)

[Relative Queue Priority](#)

[Neighboring Queue Impacts on DPP](#)

# Affected Systems Study (AFS) Partner Schedules

## DPP-2017-Aug

[West](#)

## DPP-2019-Cycle

[Central](#)

[East \(ATC\)](#)

[East \(ITC\)](#)

[South](#)

[West](#)

## DPP-2021-Cycle

AFS Not Started

## DPP-2018-Apr

[Central](#)

[South](#)

[West](#)

## DPP-2020-Cycle

[Central](#)

[East \(ATC\)](#)

[East \(ITC\)](#)

[South](#)

[West](#)

## DPP-2022-Cycle

Cycle Not Started

# AFS Partner Schedule: DPP-2017-Aug-West

*This posting is only for informational purpose. Restudy may occur if the preconditions of the initial study are changed, such as higher queued projects withdrawn or other system changes. MISO will expend best efforts to keep the information accurate and current.*

West - Final Phase 3 SIS: 5/10/2021, DPP3 Complete: 8/16/2021, GIA In Progress			
AFS Owners	Current Status	New Report Expected	Comments
PJM	-	-	Received previous report version: 1/11/2021 Report Received 9/28/2021
SPP	-	-	Received Final version 5/10/2021 Draft report received 7/29/2021 - not finalized. SPP restudied due to MISO and SPP higher queued withdrawals Draft report received 2/8/2022, SPP finalized report on 3/1/2022. This revision accounts for higher queued MISO and SPP withdrawals and IC proposed mitigation.
MPC	-	-	Report Received 3/31/2021. Report Received 7/30/2021, finalized 8/30/2021. MPC restudied with J946 withdrawn. Draft Report Received 12/7/2021, MPC finalized report on 12/15/2021. MPC restudied with J628 withdrawn. Draft Report received 1/31/2022, MPC finalized report on 2/14/2022. MPC provided comprehensive restudy for voltage and transient stability constraints in SSH only.

# AFS Partner Schedule: DPP-2018-Apr-Central

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Central - Final Phase 3 SIS: 10/12/2021, Phase 3 with DPP3 Completion: 5/2/2022			
AFS Owners	Current Status	New Report Expected	Comments
PJM	New Report Expected	4/15/2022	ATC DPP-2018-APR Phase 3 retool received 3/31/2021 Received the updated cost tables for West project withdrawal - 5/28/2021 PJM to provide an updated report with revised cost allocation tables and light retool with: a. West project withdrawn –J975 b. Central withdrawn project – J979 c. PJM withdrawals: AE1 and higher queued withdrawals will be incorporated into light retool
SPP	-	-	Draft Received 5/14/2021. Final Report Received 6/4/2021. Draft report received 3/11/2022. Final Report Received 3/28/2022.
TVA	-	-	Draft report received 9/7, Finalized Report 9/15
AECI	-	-	Provided draft 5/14/2021. Provided Final 5/27/2021. Draft Report received 2/3/2022. Report finalized 2/16/2022. AECI restudied due to due to late MISO project withdrawals and output changes as well as a higher queued MISO DPP Phase 3 upgrade reduction.



# AFS Partner Schedule: DPP-2018-Apr-South

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South - GIA Complete: 12/31/2020			
AFS Owner	Current Status	New Report Expected	Comments
AECI J1007 J1060 J1125	-	-	Provided draft 5/14/2021. Provided Final 5/27/2021. Draft Report received 2/3/2022. Report finalized 2/16/2022. AECI restudied due to due to late MISO project withdrawals and output changes as well as a higher queued MISO DPP Phase 3 upgrade reduction.

# AFS Partner Schedule: DPP-2018-Apr-West

*This posting is only for informational purpose. Restudy may occur if the preconditions of the initial study are changed, such as higher queued projects withdrawn or other system changes. MISO will expend best efforts to keep the information accurate and current.*

West - Final Phase 3 SIS: 6/14/2021, DPP3 Complete: 12/12/2021, GIA In Progress			
AFS Owners	Current Status	New Report Expected	Comments
PJM	New Report Expected	4/15/2022	ATC DPP-2018-APR Phase 3 retool received 3/31/2021 Received the updated cost tables for West project withdrawal - 5/28/2021 PJM to provide an updated report with revised cost allocation tables and light retool with: a. West project withdrawn –J975 b. Central withdrawn project – J979 c. PJM withdrawals: AE1 and higher queued withdrawals will be incorporated into light retool
SPP	-	-	Draft Received 5/14/2021. Final Report Received 6/4/2021. Draft report received 3/11/2022. Final Report Received 3/28/2022.
AECI	-	-	Provided draft 5/14/2021. Provided Final 5/27/2021. Draft Report received 2/3/2022. Report finalized 2/16/2022. AECI restudied due to due to late MISO project withdrawals and output changes as well as a higher queued MISO DPP Phase 3 upgrade reduction.
MPC	-	-	MPC provided 5/27/2021 MPC provided 10/14/2021. MPC restudied with J946 and J945 withdrawn. Draft Report Received 12/7/2021, MPC sent Final Report 12/21/2021. MPC restudied with J628 withdrawn. Draft Report received 2/1/2022, MPC finalized report on 2/14/2022. MPC provided comprehensive restudy for voltage and transient stability constraints in SSH only.

# AFS Partner Schedule: DPP-2019-Cycle-Central

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Central - Phase 2 with DPP2 Completion: 4/8/2022				
AFS Owners	Phase	Current Status	New Report Expected	Comments
PJM	Ph 2	-	-	Report Received 2/11/2022
	Ph 3	TBD After DP2 4/8/2022	April 2022	
SPP	Ph 2	-	-	Report Received 11/11/2021
	Ph 3	TBD After DP2 4/8/2022		
TVA	Ph 2	-	-	Report Received 10/15/2021
	Ph 3	TBD After DP2 4/8/2022		
AECI	Ph 2	-	-	Report Received 10/29/2021
	Ph 3	DP2 4/8/2022	4/27/2022	AECI plans a restudy with all Central, South and West DP2 elections
LG&E/KU	Ph 2	-	-	Report Received 6/22/2021
	Ph 3	TBD After DP2 4/8/2022		

# AFS Partner Schedule: DPP-2019-Cycle-East (ATC & ITC)

*This posting is only for informational purpose. Restudy may occur if the preconditions of the initial study are changed, such as higher queued projects withdrawn or other system changes. MISO will expend best efforts to keep the information accurate and current.*

East (ATC) - Phase 3 with DPP3 Completion: 7/28/2022				
AFS Owner	Phase	Current Status	New Report Expected	Comments
PJM	Ph 2	-	-	Report Received 2/11/2022
	Ph 3	New Report Expected	April 2022	

East (ITC) - Phase 3 with DPP2 Completion: 8/10/2022				
AFS Owner	Phase	Current Status	New Report Expected	Comments
PJM	Ph 2	-	-	Report Received 2/11/2022
	Ph 3	New Report Expected	April 2022	

# AFS Partner Schedule: DPP-2019-Cycle-South

*This posting is only for informational purpose. Restudy may occur if the preconditions of the initial study are changed, such as higher queued projects withdrawn or other system changes. MISO will expend best efforts to keep the information accurate and current.*

South - Phase 3 with DPP3 Completion: 4/8/2022				
AFS Owner	Phase	Current Status	New Report Expected	Comments
SPP	Ph 2	-	-	Report Received 1/29/2021
	Ph 3	-	-	No Constraints found in Phase 2 so no further study needed in Phase 3
TVA	Ph 2	-	-	Report Received 2/17/2021
	Ph 3	-	-	Report Received 11/5/2021
AECI	Ph 2	-	-	Report Received 11/17/2021
	Ph 3	-	4/27/2022	Report Received 10/29/2021 AECI plans a restudy with all Central, South and West DP2 elections No updates unless withdraws occur in Ph 3
SOCO	Ph 2	-	-	Report Received 8/27/2020
	Ph 3	-	-	Report Received 9/17/2021

# AFS Partner Schedule: DPP-2019-Cycle-West

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West - Phase 3 with DPP3 Completion: 7/6/2022				
AFS Owners	Phase	Current Status	New Report Expected	Comments
PJM	Ph 2	-	-	Report Received 2/11/2022
	Ph 3	New Report Expected	April 2022	
SPP	Ph 2	-	-	Report Received 9/29/2021
	Ph 3	MISO IC Comment Window	-	Draft Report Received 3/28/2022. MISO IC Comment Window through 4/7/2022.
AECI	Ph 2	-	-	Report Received 10/29/2021
	Ph 3	New Report Expected	4/27/2022	AECI plans a restudy with all Central, South and West DP2 elections
MPC	Ph 2	-	-	Report Received 10/19/2021
	Ph 3	New Report Expected	6/30/2022	

# AFS Partner Schedule: DPP-2020-Cycle-Central

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Central - Phase 1 with DPP1 Completion: 6/20/2022				
AFS Owners	Phase	Current Status	New Report Expected	Comments
PJM	Ph 2	In Progress	4/8/2022	
	Ph 3	TBD After DP2 9/12/2022		
SPP	Ph 2	In Progress	4/18/2022	
	Ph 3	TBD After DP2 9/12/2022		
TVA	Ph 2	In Progress	5/5/2022	
	Ph 3	TBD After DP2 9/12/2022		
AECI				Report received 12/9/2021
	Ph 2	-	June 2022	Report received 2/8/2022
	Ph 3	DP2 9/12/2022	September 2022	AECI plans a cost reallocation due to Central DP1 and West DP2 elections
LG&E/KU	Ph 2	In Progress	3/31/2022	
	Ph 3	TBD After DP2 9/12/2022		

# AFS Partner Schedule: DPP-2020-Cycle-East (ATC & ITC)

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East (ATC) - Phase 2 with DPP2 Completion: 5/5/2022				
AFS Owner	Phase	Current Status	New Report Expected	Comments
PJM	Ph 2	In Progress	4/8/2022	
	Ph 3	TBD After DP2 5/5/2022		
AECI	Ph 2	-	-	Report received 10/19/2021 Report received 2/8/2022
	Ph 3	DP2 5/5/2022	June 2022	AECI plans a cost reallocation due to East (ATC) DP2 elections, if needed

East (ITC) - Phase 2 with DPP2 Completion: 5/5/2022				
AFS Owner	Phase	Current Status	New Report Expected	Comments
PJM	Ph 2	In Progress	4/8/2022	
	Ph 3	TBD After DP2 5/5/2022		



# AFS Partner Schedule: DPP-2020-Cycle-South

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South - Phase 2 with DPP2 Completion: 5/9/2022				
AFS Owner	Phase	Current Status	New Report Expected	Comments
SPP	Ph 2	SPP Finalization	-	Draft Report Received 3/17/2022. MISO IC comment window through 3/25/2022. SPP finalizing report.
	Ph 3	TBD After DP2 5/9/2022		
TVA	Ph 2	-	-	Draft report received 2/23/2022. Report received 3/8/2022.
	Ph 3	TBD After DP2 5/9/2022		
AECI	Ph 2	-	-	Report received 12/9/2021 Report received 2/8/2022
	Ph 3	DP2 5/9/2022	June 2022 September 2022	AECI plans a cost reallocation due to South DP2 elections AECI plans a restudy with all Central, South and West DP2 elections
SOCO	Ph 2	-	-	Draft report received 12/9/2021. Report finalized 2/25/2022.
	Ph 3	TBD After DP2 5/9/2022		
PowerSouth	Ph 2	-	-	Report Received 7/19/2021
	Ph 3	Project withdrew, no need for further study in Phase 3		J1500 withdrew at DP1 - no need for further study

# AFS Partner Schedule: DPP-2020-Cycle-West

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West - Phase 2 with DPP2 Completion: 5/9/2022				
AFS Owners	Phase	Current Status	New Report Expected	Comments
PJM	Ph 2	In Progress	4/8/2022	
	Ph 3	TBD After DP2 5/9/2022		
SPP	Ph 2	In Progress	4/4/2022	
	Ph 3	TBD After DP2 5/9/2022		
AECI	Ph 2	-	-	Report received 12/9/2021 AECI plans a cost reallocation due to West DP1 elections. Report received 2/8/2022.
	Ph 3	DP2 5/9/2022	June 2022 September 2022	AECI plans a cost reallocation due to West DP2 and Central DP1 elections AECI plans a restudy with all Central, South and West DP2 elections
	Ph 2	In Progress	End of April 2022	
MPC	Ph 3	TBD After DP2 5/9/2022		
MH	Ph 2	In Progress	4/8/2022	
	Ph 3	TBD After DP2 5/9/2022		

# MISO Ongoing Affected Systems Studies

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Ongoing Studies				
Neighboring Entity	Study	Start Date	Expected Final Report Date	Target Study Time (90 Days)
AECI	GI-095		03/15/2022	06/15/2022
AECI	GI-096	TBD: Pending Study Agreement		
AECI	GI-097	TBD: Pending Study Agreement		
AECI	GI-098	TBD: Pending Study Agreement		
LG&E/KU	LGE-GIS-2019-029	TBD: Pending Study Agreement		
LG&E/KU	LGE-GIS-2021-007	TBD: Pending Study Agreement		
SPP	DISIS-2017-002 Phase 2	March 2022	MISO will target June 2022	
PJM	AE1- Final Study	04/01/2022	07/15/2022	
PJM	AE2- Final Study	04/01/2022	09/01/2022	
PJM	AF1 Final Study	04/01/2022	10/15/2022	
PJM	AG2 Preliminary Study	On Hold per PJM		
SOCO	IC-922	2/3/2022	5/3/2022	

# MISO Completed Affected Systems Studies

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Completed Studies					
Neighboring Entity	Study	Start Date	Final Report Delivered	Study Time (90 Days)	Average Study Time by AFS Owner Cycle
AECI	GI-090	5/25/2021	8/6/2021	73	60.90
AECI	GI-091	5/25/2021	8/6/2021	73	
AECI	GI-092	8/18/2021	10/29/2021	72	
AECI	GI-093	10/14/2021	12/14/2021	61	
AECI	GI 71-74	10/16/2019	10/30/2019	14	
AECI	GI 81	1/8/2020	3/13/2020	65	
AECI	GI-83	7/16/2020	10/14/2020	90	
AECI	GI-84	8/21/2020	9/18/2020	28	
AECI	GI-86	9/14/2020	11/2/2020	49	
AECI	GI-094	12/3/2021	2/25/2022	84	80.33
LG&E/KU	LGE-GIS-2019-004	11/2/2020	1/26/2021	85	
LG&E/KU	LGE-GIS-2019-008	11/5/2020		82	
LG&E/KU	LGE-GIS-2019-025	7/15/2021	9/27/2021	74	87.2
SPP	DISIS-2016-002	4/1/2020	9/10/2020	162	
SPP	DISIS-2016-002 Restudy	4/30/2021	6/16/2021	47	
SPP	DISIS-2017-001 Phase 2	1/7/2021	4/14/2021	97	
SPP	DISIS-2017-001 Phase 3	6/24/2021	9/17/2021	85	
SPP	DISIS-2017-001 Phase 3 Restudy	1/28/2022	3/14/2022	45	
PJM	AF2 Preliminary Study	3/30/2021	6/21/2021	83	81.6
PJM	AD1- Final Study	3/29/2021	6/21/2021	84	
PJM	AD2- Final Study	5/1/2021	7/30/2021	90	
PJM	AF1 Preliminary Study	5/13/2020	8/3/2020	82	
PJM	AG1 Preliminary Study	7/21/2021	9/28/2021	69	
SOCO	IC-844	7/1/2021	8/6/2021	36	39.33
SOCO	IC-801				
Power South	Bayou II	7/21/2021		16	
SOCO	IC-870				
SOCO	IC-873				
SOCO	MPCQF-451	6/1/2021	8/6/2021	66	
SOCO	MPCQF-454				
TVA	Q423	4/1/2021	6/28/2021	88	88
TVA	Q424				

# MISO AFS Network Upgrade Facilities Studies

*This posting is only for informational purpose. Restudy may occur if the preconditions of the initial study are changed, such as higher queued projects withdrawn or other system changes. MISO will expend best efforts to keep the information accurate and current.*

**DISIS-2016-002 - 1 upgrade - Draft Report Delivered March 25, 2022**

**OTP - MISO TO for upgrade**

OTP Study Report delivered 3/25/2022 with comment window through 4/4/2022.

**DISIS-2017-001 - 3 upgrades - TBD Pending Study Agreements**

**MEC - MISO TO for 2 upgrades**

**OTP - MISO TO for 1 upgrade**

**DPP-2017-AUG South - 1 upgrade - Finalized April 1, 2022**

**TVA identified NU - MISO TO: Entergy**

Entergy Study Report delivered 3/16/2022.

**AECI GI-083 - 6 upgrades - Finalized March 24, 2022**

**Ameren - MISO TO for upgrades**

Ameren Study Report delivered 2/10/2022.

**PJM AF1-200 - 1 tie line upgrade - TBD Pending Study Agreements**

**NIPSCO - MISO TO for upgrade**

**DPP-2018-APR West - 1 upgrade - TBD Pending Study Agreements**

**MPC identified NU - MISO TO: NSP/XCEL**

# Relative Queue Priority

*This posting is only for informational purpose. Restudy may occur if the preconditions of the initial study are changed, such as higher queued projects withdrawn or other system changes. MISO will expend best efforts to keep the information accurate and current.*

AFS Entity	AFS Entity Relative Queue Priority	MISO's Relative Queue Priority
TVA	ECSA/Deposit completion date	Phase 2 start date, which is determined as the second day of DP1 completion
LGE	ECSA/Deposit completion date	Phase 2 start date, which is determined as the second day of DP1 completion
SOCO	ECSA/Deposit completion date	Phase 2 start date, which is determined as the second day of DP1 completion
PS	ECSA/Deposit completion date	Phase 2 start date, which is determined as the second day of DP1 completion
AECI	Facility Study Start Date	Phase 2 start date, which is determined as the second day of DP1 completion
PJM	SIS completion deadline (PJM studies)	DPP Phase II completion (PJM Studies)
PJM	SIS Start Date (MISO studies)	Application Deadline (MISO studies),
SPP	Application Deadline	Application Deadline
MH	Application Deadline	Application Deadline
MPC	Interconnection Request Date	Application Deadline

PJM Relative Queue Priority for PJM Performed AFS Studies	
Entity	Cycle
PJM	AB2
MISO	DPP-2016-AUG
PJM	AC1
MISO	DPP-2017-FEB
PJM	AC2
MISO	DPP-2017-AUG
PJM	AD1
PJM	AD2
PJM	AE1
MISO	DPP-2018-APR
PJM	AE2
PJM	AF1
PJM	AF2
MISO	DPP-2019-Cycle
PJM	AG1
MISO	DPP-2020-Cycle

# Relative Queue Priority (Cont'd)

*This posting is only for informational purpose. Restudy may occur if the preconditions of the initial study are changed, such as higher queued projects withdrawn or other system changes. MISO will expend best efforts to keep the information accurate and current.*

Relative Queue Priority for All MISO Performed DPP and AFS Studies					
Entity	Cycle	Application Deadline DPP/ Queue Priority Date (External)	MISO Relative Queue Priority/DPP Phase 2 Start Date	Study Model (Region)	Comments
MISO	DPP-2016-AUG	7/6/2016			
PJM	AB2	11/1/2016			
SPP	DISIS-2016-002	11/30/2016			
MISO	DPP-2017-FEB	1/3/2017			
AECI	GI-61	5/3/2017			
PJM	AC1	6/1/2017			
SPP	DISIS 2017-001	5/31/2017			
MISO	DPP-2017-AUG	6/16/2017			
PJM	AC2	11/1/2017			
SPP	DISIS 2017-002	11/30/2017			
MISO	DPP-2018-APR	3/12/2018			
Ameren Distribution	Hudsonville DG17001				
AECI	GI-83	4/24/2020			AECI - FS Entry Date Used
MPC	MPC03600	5/4/2018			MPC - IR Date
MPC	MPC03700	5/4/2018			MPC - IR Date
AECI	GI-84	6/9/2020			AECI - FS Entry Date Used
AECI	GI-86	6/29/2020			AECI - FS Entry Date Used
PJM	AD1	5/1/2018			
SPP	DISIS 2018-001	5/31/2018			
PJM	AD2	11/1/2018			
SPP	DISIS 2018-002	11/30/2018			
LGE	LGE-GIS-2019-008	11/5/2020	1/8/2020	DPP-2018-Central	Falls between DPP-2018-C and DPP-2019-C
LGE	LGE-GIS-2019-004	1/21/2021	1/8/2020	DPP-2018-Central	Falls between DPP-2018-C and DPP-2019-C
LGE	LGE-GIS-2019-025	7/15/2021	1/8/2020	DPP-2018-Central	Falls between DPP-2018-C and DPP-2019-C
MPC	MPC03800	2/21/2019			MPC - IR Date
MPC	MPC03900	4/16/2019			MPC - IR Date
MPC	MPC04000	4/25/2019			MPC - IR Date

Relative Queue Priority for All MISO Performed DPP and AFS Studies (Cont'd)					
Entity	Cycle	Application Deadline DPP/ Queue Priority Date (External)	MISO Relative Queue Priority/DPP Phase 2 Start Date	Study Model (Region)	Comments
MPC	MPC04100	4/25/2019			MPC - IR Date
AECI	AECI-91	3/9/2021	1/8/2020	DPP-2018-Central	Falls between DPP-2018-C and DPP-2019-C
AECI	AECI-90	3/25/2021	1/8/2020	DPP-2018-Central	Falls between DPP-2018-C and DPP-2019-C
AECI	AECI-92	8/9/2021	1/8/2020	DPP-2018-Central	Falls between DPP-2018-C and DPP-2019-C, DPP19 Central Ph2 kicked off on 08/30
AECI	AECI-93	8/9/2021	1/8/2020	DPP-2018-Central	
MISO	DPP-2019-Cycle1	4/29/2019			
TVA	TVA-Q423	4/1/2021	8/17/2020	DPP-2019-South	Fall between DPP-2019-S and DPP-2020-S
TVA	TVA-Q424	4/1/2021	8/17/2020	DPP-2019-South	Fall between DPP-2019-S and DPP-2020-S
SOCO	MPCQF-451	6/1/2021	8/17/2020	DPP-2019-South	Fall between DPP-2019-S and DPP-2020-S
SOCO	MPCQF-454	6/1/2021	8/17/2020	DPP-2019-South	Fall between DPP-2019-S and DPP-2020-S
SOCO	IC-844	7/1/2021	8/17/2020	DPP-2019-South	Fall between DPP-2019-S and DPP-2020-S
SOCO	IC-801	7/1/2021	8/17/2020	DPP-2019-South	Fall between DPP-2019-S and DPP-2020-S
PS	PS-Bayou-II	7/1/2021	8/17/2020	DPP-2019-South	Fall between DPP-2019-S and DPP-2020-S
SOCO	IC-870	7/21/2021	8/17/2020	DPP-2019-South	Fall between DPP-2019-S and DPP-2020-S
SOCO	IC-873	7/21/2021	8/17/2020	DPP-2019-South	Fall between DPP-2019-S and DPP-2020-S
AECI	AECI-94	10/26/2021	8/6/2021	DPP-2019-Central	Fall between DPP-2019-C and DPP-2020-C
PJM	AE1	5/1/2019			
SPP	DISIS-2019-001	5/31/2019			
PJM	AE2	11/1/2019			
PJM	AF1	5/1/2020			
SPP	DISIS-2020-001	5/31/2020			
MISO	DPP-2020-Cycle	6/25/2020			
PJM	AF2	11/3/2020			
MPC	MPC04200	11/2/2020			MPC - IR Date
PJM	AG1	5/1/2021			
SPP	DISIS-2021-001	5/31/2021			
MPC	MPC04300	7/15/2021			MPC - IR Date
MISO	DPP-2021-cycle	7/22/2021			
PJM	AG2	11/1/2021			

# Neighboring Queue Impacts on MISO DPP Cycles

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Neighboring Queue Cycles That May Impact MISO DPP Studies				
Entity	Cycle	Current Relative Queue Priority	Proposed Relative Queue Priority with SPP** Once Cycle Reaches Phase 2 Start Date	**Needs to be approved by FERC
PJM	AB2			
MISO	DPP 2016 AUG			
PJM	AC1			
SPP	DISIS-2016-002			
MISO	DPP-2017-FEB			
PJM	AC2			
SPP	DISIS 2017-001			
MISO	DPP 2017 AUG			
PJM	AD1			
PJM	AD2			
PJM	AE1			
SPP	DISIS 2017-002			
MISO	DPP 2018 APR	Restudy will be determined after DISIS 2017-002 Enters SPP Phase 3		
PJM	AE2		PJM	AE2
PJM	AF1		PJM	AF1
PJM	AF2		PJM	AF2
SPP	DISIS 2018-001		MISO	DPP 2019-Cycle
SPP	DISIS 2018-002		PJM	AG1
MISO	DPP 2019-Cycle	Restudy will be determined after DISIS 2018-002 Enters SPP Phase 3	MISO	DPP-2020-Cycle
PJM	AG1		SPP	DISIS 2018-001
SPP	DISIS-2019-001		MISO	DPP-2021-cycle
SPP	DISIS-2020-001		SPP	DISIS 2018-002
MISO	DPP-2020-Cycle	Restudy will be determined after DISIS 2020-001 Enters SPP Phase 3	SPP	DISIS-2019-001
SPP	DISIS-2021-001		SPP	DISIS-2020-001
MISO	DPP-2021-cycle	Restudy will be determined after DISIS 2021-001 Enters SPP Phase 3	SPP	DISIS-2021-001

Red Text = Active Cycle

**This table shows the neighboring queue cycles that may impact MISO DPP studies. The priority shown is only applicable to the MISO DPP cycles and not applicable between SPP and PJM.**

## How to read this table - Example:

Using the current Relative Queue Priority, a MISO DPP-2019-Cycle project may have impacts from 10 active SPP, PJM and MISO cycles (DISIS-2017-001, DPP-2017-AUG, AD1, AD2, AE1, DISIS-2017-002, DPP-2018-APR, AE2, AF1, and AF2) and 2 SPP cycles that have not started yet (DISIS-2018-001 and DISIS-2018-002). If the Proposed Relative queue priority between MISO and SPP is approved by FERC, a MISO DPP-2019-Cycle project may have impacts from 10 active SPP, PJM and MISO cycles (DISIS-2017-001, DPP-2017-AUG, AD1, AD2, AE1, DISIS-2017-002, DPP-2018-APR, AE2, AF1, and AF2). A DPP-2019-Cycle project can get a general sense of restudy risk from this table due to cycle priority and active neighboring studies. Restudies can be triggered by withdrawals or other system changes.



# Questions?



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