

MISO Generator Interconnection Study Metrics

3.4.2.1 Preliminary Interconnection System Impact Studies in Definitive Planning Phase I

Updated: 7/31/2020

3.4.2.1 Preliminary Interconnection System Impact Studies in Definitive Planning Phase I

		2020				
		1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
Requests w/ SIS Completed	(A)	108	0			Number of Interconnection Requests that had Preliminary System Impact Studies in Definitive Planning Phase I
SIS Completed > 120 days	(B)	108	0			Number of Interconnection Requests that had Preliminary System Impact Studies in Definitive Planning Phase I exceeding 120 Calendar Days
Requests Ongoing SIS	(C)	277	267			Number of Interconnection Requests with ongoing incomplete Preliminary System Impact Studies in Definitive Planning Phase I
SIS Mean # of days	(D)	644	0			Mean time (in Calendar Days from 45 days after Application deadline date), for Preliminary System Impact Studies completed in Definitive Planning Phase I
Percentage > 120 days per Total Complete	$(E)=(B+C)/(A+C)$	100%	-			Percentage of Interconnection Requests with Preliminary System Impact Studies in Definitive Planning Phase I exceeding 120 Calendar Days

Completed study groups during 2nd Qtr. 2020

None

Ongoing study groups during 2nd Qtr. 2020

DPP-2019-Cycle 1-Central
 DPP-2019-Cycle 1-East (ATC)
 DPP-2019-Cycle 1-East (ITC)
 DPP-2019-Cycle 1-South
 DPP-2019-Cycle 1-West

Refer to the **Definitive Planning Phase Schedule** posted at https://www.misoenergy.org/planning/generator-interconnection/GI_Queue/ for current schedule updates. Historical schedule updates are available with past Interconnection Process Working Group (IPWG) meeting materials: <https://www.misoenergy.org/stakeholder-engagement/committees/interconnection-process-working-group/>

Refer to Section 3.4.2.1 of the **ATTACHMENT X – GENERATOR INTERCONNECTION PROCEDURES (GIP)** for an explanation of the MISO Generator Interconnection Study Metrics [Attachment X GIP](#).



MISO Generator Interconnection Study Metrics

3.4.2.2 Revised Interconnection System Impact Studies in Definitive Planning Phase II

Updated: 7/31/2020

3.4.2.2 Revised Interconnection System Impact Studies in Definitive Planning Phase II

		2020				
		1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
Requests w/ SIS Completed	(A)	14	32			Number of Interconnection Requests that had Revised System Impact Studies in Definitive Planning Phase II
SIS Completed > 59 days	(B)	14	32			Number of Interconnection Requests that had Revised System Impact Studies in Definitive Planning Phase II exceeding 59 Calendar Days
Requests Ongoing SIS	(C)	132	100			Number of Interconnection Requests with ongoing incomplete Revised System Impact Studies in Definitive Planning Phase II
SIS Mean # of days	(D)	123	187			Mean time (in Calendar Days), for Revised System Impact Studies completed in Definitive Planning Phase II
Percentage > 59 days per Total Complete	$(E)=(B+C)/(A+C)$	100%	100%			Percentage of Interconnection Requests with Revised System Impact Studies in Definitive Planning Phase II exceeding 59 Calendar Days

Completed study groups during 2nd Qtr. 2020

DPP-2018-Apr-East (ATC)
DPP-2018-Apr-East (ITC)

Ongoing study groups during 2nd Qtr. 2020

DPP-2018-Apr-Central
DPP-2017-Aug-West
DPP-2018-Apr-West

Refer to the **Definitive Planning Phase Schedule** posted at https://www.misoenergy.org/planning/generator-interconnection/GI_Queue/ for current schedule updates. Historical schedule updates are available with past Interconnection Process Working Group (IPWG) meeting materials: <https://www.misoenergy.org/stakeholder-engagement/committees/interconnection-process-working-group/>

Refer to Section 3.4.2.2 of the **ATTACHMENT X – GENERATOR INTERCONNECTION PROCEDURES (GIP)** for an explanation of the MISO Generator Interconnection Study Metrics [Attachment X GIP](#).



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3.4.2.3 Final Interconnection System Impact Studies in Definitive Planning Phase III

Updated: 7/31/2020

3.4.2.3 Final Interconnection System Impact Studies in Definitive Planning Phase III

		2020				
		1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
Requests w/ SIS Completed	(A)	40	12			Number of Interconnection Requests that had Final System Impact Studies in Definitive Planning Phase III
SIS Completed > 44 days	(B)	40	12			Number of Interconnection Requests that had Final System Impact Studies in Definitive Planning Phase III exceeding 44 Calendar Days
Requests Ongoing SIS	(C)	0	21			Number of Interconnection Requests with ongoing incomplete Final System Impact Studies in Definitive Planning Phase III
SIS Mean # of days	(D)	93	66			Mean time (in Calendar Days), for Final System Impact Studies completed in Definitive Planning Phase III
Percentage > 44 days per Total Complete	$(E)=(B+C)/(A+C)$	100%	100%			Percentage of Interconnection Requests with Final System Impact Studies in Definitive Planning Phase III exceeding 44 Calendar Days

Completed study groups during 2nd Qtr. 2020

DPP-2018-APR-South

Ongoing study groups during 2ndQtr. 2020

DPP-2018-APR-East (ATC)

DPP-2018-APR-East (ITC)

Refer to the **Definitive Planning Phase Schedule** posted at https://www.misoenergy.org/planning/generator-interconnection/GI_Queue/ for current schedule updates. Historical schedule updates are available with past Interconnection Process Working Group (IPWG) meeting materials: <https://www.misoenergy.org/stakeholder-engagement/committees/interconnection-process-working-group/>

Refer to Section 3.4.2.3 of the **ATTACHMENT X – GENERATOR INTERCONNECTION PROCEDURES (GIP)** for an explanation of the MISO Generator Interconnection Study Metrics [Attachment X GIP](#).



MISO Generator Interconnection Study Metrics

3.4.2.4 Interconnection Facilities Studies for Interconnection Facilities or Connection Facilities

Updated: 7/31/2020

3.4.2.4 Interconnection Facilities Studies for Interconnection Facilities or Connection Facilities

		2020				
		1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
Requests w/ IC FS Completed	(A)	54	69			Number of Interconnection Requests that had Interconnection Facilities Studies for Interconnection Facilities or Connection Facilities
IC FS Completed > 90 days	(B)	54	68			Number of Interconnection Requests that had Interconnection Facilities Studies for Interconnection Facilities or Connection Facilities exceeding 90 Calendar Days
Requests Ongoing IC FS	(C)	96	41			Number of Interconnection Requests with ongoing incomplete Interconnection Facilities Studies for Interconnection Facilities or Connection Facilities
IC FS Mean # of days	(D)	140	156			Mean time (in Calendar Days), for Interconnection Facilities Studies for Interconnection Facilities or Connection Facilities completed
Percentage > 90 days per Total Complete	$(E)=(B+C)/(A+C)$	100%	100%			Percentage of Interconnection Requests with with delayed Interconnection Facilities Studies for Interconnection Facilities or Connection Facilities exceeding 90 Calendar Days

Refer to the **Definitive Planning Phase Schedule** posted at https://www.misoenergy.org/planning/generator-interconnection/GI_Queue/ for current schedule updates. Historical schedule updates are available with past Interconnection Process Working Group (IPWG) meeting materials: <https://www.misoenergy.org/stakeholder-engagement/committees/interconnection-process-working-group/>

Refer to Section 3.4.2.4 of the **ATTACHMENT X – GENERATOR INTERCONNECTION PROCEDURES (GIP)** for an explanation of the MISO Generator Interconnection Study Metrics [Attachment X GIP](#).



MISO Generator Interconnection Study Metrics

3.4.2.5 Interconnection Facilities Studies for Network Upgrades

Updated: 7/31/2020

3.4.2.5 Interconnection Facilities Studies for Network Upgrades

		2020				
		1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
Requests w/ IC FS Completed	(A)	20	0			Number of Interconnection Requests that had Interconnection Facilities Studies for Network Upgrades
IC FS Completed > 90 days	(B)	20	0			Number of Interconnection Requests that had Interconnection Facilities Studies for Network Upgrades exceeding 90 Calendar Days
Requests Ongoing IC FS	(C)	1	3			Number of Interconnection Requests with ongoing incomplete Interconnection Facilities Studies for Network Upgrades
IC FS Mean # of days	(D)	133	0			Mean time (in Calendar Days), for Interconnection Facilities Studies for Network Upgrades completed
Percentage > 90 days per Total Complete	$(E)=(B+C)/(A+C)$	100%	-			Percentage of Interconnection Requests with delayed Interconnection Facilities Studies for Network Upgrades exceeding 90 Calendar Days

Refer to the **Definitive Planning Phase Schedule** posted at https://www.misoenergy.org/planning/generator-interconnection/GI_Queue/ for current schedule updates. Historical schedule updates are available with past Interconnection Process Working Group (IPWG) meeting materials: <https://www.misoenergy.org/stakeholder-engagement/committees/interconnection-process-working-group/>

Refer to Section 3.4.2.5 of the **ATTACHMENT X – GENERATOR INTERCONNECTION PROCEDURES (GIP)** for an explanation of the MISO Generator Interconnection Study Metrics [Attachment X GIP](#).



MISO Generator Interconnection Study Metrics

3.4.2.6 Interconnection Requests Withdrawn from Interconnection Queue

Updated: 7/31/2020

3.4.2.6 Interconnection Requests Withdrawn from Interconnection Queue

		2020				
		1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	
Total Number Projects Withdrawn	(A)	58	29			Number of Interconnection Requests withdrawn
Projects Withdrawn Pre-Kickoff	(B)	15	14			Number of Interconnection Requests withdrawn before the start of the Definitive Planning Phase I
Projects Withdrawn DPP Phase I	(C)	35	0			Number of Interconnection Requests withdrawn from start of the Definitive Planning Phase I to Decision Point I window expired
Projects Withdrawn DPP Phase II	(D)	2	11			Number of Interconnection Requests withdrawn after the Decision Point I window expired to Decision Point II window expired
Withdrawn DPP Phase III & GIA Phase	(E)	4	1			Number of Interconnection Requests withdrawn after the Decision Point II window expired to execution of a Generator Interconnection Agreement
Withdrawn Post GIA Execution	(F)	2	3			Number of Interconnection Requests withdrawn after execution of a Generator Interconnection Agreement
Mean # of days from Queue Date	(G)	676	639			Mean time (in Calendar Days), for withdrawn Interconnection Requests, from Application deadline date to when Transmission Provider withdrew from the queue

Refer to the **Definitive Planning Phase Schedule** posted at https://www.misoenergy.org/planning/generator-interconnection/GI_Queue/ for current schedule updates. Historical schedule updates are available with past Interconnection Process Working Group (IPWG) meeting materials: <https://www.misoenergy.org/stakeholder-engagement/committees/interconnection-process-working-group/>

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