

Generator Interconnection Procedures Customer Reference

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		GI Website	BPM-015	Attachment X of the Tariff
1. Pre-Queue		https://cdn.misoenergy.org/GI-Contour_Map108143.pdf	Section 3.1	Section 6.1
	GI Active Queue Map	https://cdn.misoenergy.org/GI_Active_Queue_Map108142.pdf	Section 3.1	Section 3.4
	<i>Queue Process Workshop</i>	https://www.misoenergy.org/planning/generator-interconnection/	Section 3.2	Section 6.1
	Ad Hoc Meeting Request	https://cdn.misoenergy.org/GI_Ad_Hoc_Info_Session_Request108144.pdf	Section 3.3	Section 6.1
	MISO to send e-mail notification of the earliest dates/time for the meeting 5 Business Days (BDs) from the receipt of the Ad Hoc Meeting Request	-	Section 3.3	Section 6.1
	Ad Hoc Meeting Scheduled 30 BDs from receipt of Ad Hoc Meeting Request	-	Section 3.3	Section 6.1
	Process Flow Diagram	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.0	Section 6.1
	Application Deadlines	https://www.misoenergy.org/planning/generator-interconnection/	Section 4.1	Section 3.3.1
2. Application	<i>Initiate an Interconnection Request/Application by providing:</i>	https://www.misoenergy.org/planning/generator-interconnection/	Section 4.2.1.1	Section 3.1
	A complete and valid application in the form of Appendix 1, Attachment A, Attachment B, Attachment C of GIP Attachment X	https://cdn.misoenergy.org/Attachment%20X_Appendix1108376.pdf	Section 4.2.1.1	Section 3.3.1
	<i>A detailed generic stability model for the proposed Generating Facility (file formats in .dyr, .obj, and .lib)</i>	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 2	Section 4.2.1.2	Section 3.3.1
	<i>Technical data in the form of Attachment A to Appendix 1 of GIP</i>	https://cdn.misoenergy.org/Attachment%20X_Appendix1108376.pdf	Section 4.2.1.2	Section 3.3.1
	Interconnection Study Agreement executed by Interconnection Customer (IC) in the form of Attachment B to Appendix 1 of Generation Interconnection Procedure (GIP) Attachment X	https://cdn.misoenergy.org/Attachment%20X_Appendix1108376.pdf	Section 4.2.1.1	Section 3.3.1
	<i>A definitive Point of Interconnection (POI) for the project</i>	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 2	Section 4.2.1.2	Section 3.3.1
	<i>A one line diagram showing the Generating Facility and associated electrical equipment with appropriate rating and impedance information</i>	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 2	Section 4.2.1.2	Section 3.3.1
	FERC Order 827 Requirements	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 3	Section 4.2.1.2	Section 3.3.1
	Collector System Impedance	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 2	Section 4.2.1.2	Section 3.3.1
	<i>Inverter based (wind or solar) short circuit modeling data</i>	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 3	Section 4.2.1.2	Section 3.3.1
	D1 Application fee (non-refundable)	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 3	Section 4.2.1.1	Section 3.3.1

	D2 DPP Study Funding deposit (partially refundable)	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 3	Section 4.2.1.1	Section 3.3.1
	Demonstration of Site Control or posting of deposit in-lieu of site control (Dedicated refundable)	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 2	Section 4.2.1.1	Section 3.3.1
	W-9 form submitted for Accounting purposes	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 2	Section 4.2.1.1	Section 3.3.1
	One application needs to be submitted for each Site	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 2	Section 4.2.1.2	Section 3.1
	MISO sends Acknowledgement and if necessary request any required additional data in 5 BDs	-	Section 4.1	Section 3.3.2
	Validate Definitive POI in 5 BDs	-	Section 4.1	Section 3.3.1
	IC to provide any requested data after the request is made in 10BDs	-	Section 4.1	Section 3.3.3
	Valid request	-	Section 4.1	Section 3.3.3
	Interconnection Study Agreement countersigned and returned to IC by MISO after MISO determines the Interconnection Request (IR) to be valid	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 2	Section 4.1	Section 3.3.2
	Application Valid and M1 Milestones Complete and D1 + D2 + Site Control proof or deposit	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf , page 2	Section 4.1	Section 3.3.1
	MISO to provide a summary of the IR to the IC and affected Transmission Owners (TOs) from receipt date of valid application in 10 BDs	-	Section 4.1	Section 3.3.4
	Scoping Meeting (Mandatory) 5BDs to 45 BDs prior to the start of the next DPP cycle	-	Section 4.1	Section 3.3.4
	Customer may modify the POI based off the Scoping Meeting results 5BDs from the date of the Scoping Meeting	-	Section 4.1	Section 3.3.4
3. Definitive Planning Phase (DPP) Entry				
M1 Technical and Non-Technical Milestones Complete at least 45 Calendar Days (CDs) prior to the next DPP study start date	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 4.2	Section 3.3.1	
Queue Position	https://www.misoenergy.org/planning/generator-interconnection/GI_Queue/	Section 4.4	Section 4.1	
DPP Entry Milestone M2 Deposit	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 4.2	Section 3.3.1	
DPP Study	https://www.misoenergy.org/planning/generator-interconnection/GI_Studies/#t=10&p=0&s=&sd=	Section 5.0	Section 7.0	
4. DPP Phase I				
DDP Phase I ~140 CDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.2	Section 7.3.1	
Model Building and Model Review 30 CDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.2	Section 7.3.1	
IC and TO recommend changes to model by completing Appendix 10 to GIP after receipt of the study models 10 BDs	-	Section 5.2.1	Section 7.3.1.2	

	Failure of IC to return the Appendix 10 to the GIP will result in withdrawal of the IR pursuant to Section 3.6 of the GIP after receipt of the study models 10 BDs	-	Section 5.2.1	Section 7.3.1.2
	Preliminary System Impact Study (Includes Affected Systems analysis) 90 CDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.1	Section 7.3.1.3
	IC Decision Point I, 15 BDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.2.3	Section 7.3.1.4
	DPP II Milestone M3 (10% of NU - M2) prior to DPP II start date	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.2.4	Section 7.3.1.4.1
5. DPP Phase II	DPP II ~80 CDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.3	Section 7.3.2
	Revised Model Building and Review 10 BDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.3	Section 7.3.2
	IC and TO recommend changes to revised model after receipt of the revised study models 5 BDs	-	Section 5.3.1	Section 7.3.2.2
	Failure of IC to provide feedback shall mean the revised models are acceptable after receipt of the revised study models 5 BDs	-	Section 5.3.1	Section 7.3.2.2
	Revised System Impact Study (Includes Affected Systems analysis) 45 CDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.3.3	Section 7.3.2.3
	Additional deposit equal to the difference between the initial and revised cost estimate from MISO's notice 30 CDs	-	Section 5.3.2	Section 7.3.2.3
	IC Decision Point II 15 BDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.3.3	Section 7.3.2.4
	To proceed to DPP III, evidence of Site Control must be provided by end of IC Decision Point II	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.3.3	Section 7.3.2.4
	Failure of IC to provide evidence of Site Control shall be deemed as the IR has been withdrawn and any Site Control Deposit shall be refunded	-	Section 5.3.3	Section 7.3.2.4
	Interconnection Facilities Study 90 CDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.3.6	Section 7.3.2.5
	DPP III Milestone M4 (20% of NU - M2 - M3) prior to DPP III start date	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.3.4	Section 7.3.2.4.1
6. DPP Phase III	DPP Phase III ~135 CDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.4	Section 7.3.3
	Model Building and Review 10 BDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.4	Section 7.3.3
	IC and TO recommend changes to revised model after receipt of the revised study models 7 CDs	-	Section 5.4.1	Section 7.3.3.2
	Failure of IC to provide feedback shall mean the revised models are acceptable after receipt of the revised study models 7 CDs	-	Section 5.4.1	Section 7.3.3.2
	Final Interconnection System Impact Study (Includes Affected Systems analysis) 30 CDs	https://cdn.misoenergy.org/GI%20Process%20Flow%20Diagram106549.pdf	Section 5.4.1	Section 7.3.3.3
	Additional deposit equal to the difference between the initial and revised cost estimate from MISO's notice 30 CDs	-	Section 5.4.2	Section 7.3.3.3
	Additional deposit equal to the difference between the initial and revised cost estimate from MISO's notice 15 CDs	-	Section 5.4.4	Section 7.3.3.5

	Draft GIA Appendices and associated draft Appendices for the related FCA(s) and/or MPFCA(s) and supporting documentation after completion of Interconnection Facilities Study for Network Upgrades	-	Section 5.4.5	Section 7.3.3.5
	Final GIA Appendices and associated draft Appendices for the related FCA(s) and/or MPFCA(s) and supporting documentation after receipt of ICs comments 10 CDs	-	Section 5.4.5	Section 7.3.3.5
	<i>Meeting with IC and TOs to discuss Facilities Study (optional) 10 BDs</i>	-	Section 5.4.5	Section 7.4
	<i>Interconnection Study Restudy Notice including a preliminary analysis, reasons for the restudy, and a good faith cost estimate</i>	-	Section 5.4.6	Section 7.5
	<i>IC responds to Interconnection Study restudy notice after notification by MISO 5 BDs</i>	-	Section 5.4.6	Section 7.5
	Interconnection Study Restudy Complete from date of notice 60 CDs	-	Section 5.4.6	Section 7.5
7. Optional Study	<i>Request for Optional Study</i>	https://cdn.misoenergy.org/Attachment%20X_%20Appendix%205109848.pdf	Section 6.1.5	Section 10.1
	Provide Optional Study Agreement (Appendix 5) from receipt of request 5 BDs	https://www.misoenergy.org/planning/generator-interconnection/GI_Studies/#t=10&p=0&s=&sd=	Section 4.2.4	Section 10.1.1
	<i>Specify technical data needed for an Optional Study</i>	https://www.misoenergy.org/planning/generator-interconnection/GI_Studies/#t=10&p=0&s=&sd=	Section 4.2.4	Section 10.1.1
	<i>Specify IC assumptions for an Optional Study</i>	-	Section 4.2.4	Section 10.1.1
	<i>IC to provide executed Optional Interconnection Study Agreement (including technical data) to MISO 10 BDs</i>	-	Section 4.2.4	Section 10.1.1
	<i>IC to provide Study Deposit to MISO 10 BDs</i>	https://www.misoenergy.org/planning/generator-interconnection/GI_Studies/#t=10&p=0&s=&sd=	Section 4.2.4	Section 10.1.1
	Additional deposit equal to the difference between the initial and revised cost estimate from MISO's notice	-	Section 4.2.4	Section 10.1.3
	MISO completes study and provides report	-	Section 4.2.4	Section 10.1.3
8. Generator Interconnection Agreement (GIA)	<i>IC and TOs provide comments on draft GIA appendices from issue of draft GIA Appendices 15 CDs</i>	-	Section 5.4.5	Section 7.3.3.5
	Final GIA appendices including supporting documentation issued from receipt of IC and TOs comments 10 CDs	-	Section 5.4.5	Section 7.3.3.5
	Negotiation on GIA appendices starts when final GIA appendices issued 60 CDs	-	Section 6.2.7	Section 11.2
	MISO provide IC and TO with final GIA 15 BDs	-	Section 6.2.8	Section 11.2
	<i>IC executes GIA from receipt of final GIA 60 CDs</i>	-	Section 6.2.8	Section 11.3
	<i>Evidence of continued Site Control OR post additional deposit in lieu of site control if IC is exempt from the requirement pursuant to Section 5.1.2 of the GIP from execution of GIA non-refundable Note 2 15 BDs</i>	-	Section 6.2.5	Section 11.3
	Provide Appendix B GIA Milestones from execution of GIA 180 CDs	-	Section 6.2.5	Section 11.3

	MISO to execute GIA from IC execution of GIA or request to file unexecuted 30 CDs	-	Section 6.2.8	Section 11.3
	File final executed 15 BDs or unexecuted GIA with FERC after receipt of executed GIA or request to file unexecuted 10 BDs	-	Section 6.2.8	Section 11.3
	<i>Initial Payment 30 CDs</i>	-	Section 6.2.7	Section 7.7
	<i>Limited Operation</i>	-	Section 7	Section 7.9
	<i>Enter Suspension</i>	-	Section 7.1	Section 5.16
	<i>Commercial Operation 30 CDs</i>	-	Section 7.6	Article 6.0
9. Misc. Information	<i>Withdrawal</i>	https://www.misoenergy.org/api/documents/getbyname/GI%20Process%20Flow%20Diagram.pdf	Sections 5.2.5, 5.3.5, 5.4.5, 5.4.6 and 6.2.11	Section 3.6
	Modifications and Changes	https://www.misoenergy.org/api/documents/getbyname/GI%20Process%20Flow%20Diagram.pdf	Section 6.7	Section 4.4
	ER/NR	-	Section 6.1.1.1.7	Sections 3.2.1 and 3.2.2
	<i>Provisional Generation Interconnection Agreement</i>	https://www.misoenergy.org/api/documents/getbyname/Attachment%20X_%20Appendix%205.pdf	Section 6.2.9	Section 7.9
	Change in In-Service Date or Commercial Operation Date	-	Section 7.6	Section 4.4.4
	<i>Deliverability Only Study (D1 + D2 +M2) follows the Application and DPP Process</i>	https://cdn.misoenergy.org/Generator_Deliverability_Study_Methodology108139.pdf	Sections 6.1.1.1.7 and 6.6	Section 16
	External NR Interconnection Service Study (D1 + D2 +M2) follows the Application and DPP Process	-	Sections 4.2.4 and 6.1.6	Section 16
	Refunds	-	Sections 4.2.4 and 6.2.11	Section 7.6

Note: Bold items are MISO's responsibility.

Italic items are the IC's responsibility.

Bold italicized items need participation from both sides.

(Dedicated refundable deposit) If site control is not documented by the end of Interconnection Customer Decision Point II (DP2), then the Interconnection Customer will be deemed withdrawn and the deposit will be re
If site control is not documented within 15 BDs of execution of GIA, unless the Interconnection Customer is exempt pursuant to Section 5.1.2 of the GIP, then deposit becomes non-refundable and applied toward futur

ifunded (Tariff 7.3.2.4, BPM 4.2.:

re construction costs (Tariff 5.1.2, 11.3, BPM 6.2.5, 6.2.1