

## QUESTIONS

For questions regarding this FERC Order 845 Metrics Report, email us at [gistudies@spp.org](mailto:gistudies@spp.org)

## DISCLOSURE

The SPP Three-Stage Generator Interconnection Procedures went into effect 1 July 2019

# GI Study Metrics

Per FERC  
Order 845

Refer to Section 3.5.2 of the ATTACHMENT V – GENERATOR INTERCONNECTION PROCEDURES (GIP) for an explanation of the SPP Generator Interconnection Study Metrics [Attachment V GIP](#).

## 3.5.2.1 Definitive Interconnection System Impact Study Phase One processing time.

Reporting Period  
Q4 - 2021

REFERENCE FROM SECTION 3.5.2.1	1Q	2Q	3Q	4Q
(A) Number of DISIS Phase One studies completed within Transmission Provider's coordinated region during the reporting quarter.	0	0	0	0
(B) Number of DISIS Phase One studies completed within Transmission Provider's coordinated region during the reporting quarter that were completed more than one-hundred twenty (120) Calendar Days after the close of the DISIS Queue Cluster Window as described in Section 8.5 of the GIP.	0	0	0	0
(C) At the end of the reporting quarter, the number of ongoing incomplete DISIS Phase One studies where such DISIS Phase One studies were still incomplete more than one-hundred twenty (120) Calendar Days after the close of the DISIS Queue Cluster Window as described in Section 8.5 of the GIP before the reporting quarter end,	4	4	4	5
(D) Mean time (in days), each DISIS Phase One studies completed within Transmission Provider's coordinated region during the reporting quarter, from the date when Transmission Provider closed the DISIS Queue Cluster Window as described in Section 8.5 of the GIP to the date when Transmission Provider provided the completed DISIS Phase One studies	0	0	0	0
(E) Percentage of DISIS Phase One studies exceeding one-hundred twenty (120) Calendar Days after the close of the DISIS Queue Cluster Window to complete this reporting quarter, calculated as the sum of Sections 3.5.2.1(B) and 3.5.2.1(C) divided by the sum of Sections 3.5.2.1(A) and 3.5.2.1(C). { (E)=(B+C)/(A+C) }	100%	100%	100%	100%

*Active & Pending DISIS Clusters during 4<sup>th</sup> Qtr. 2021: DISIS-2017-001, DISIS-2017-002, DISIS-2018-001, DISIS-2018-002, DISIS-2019-001, DISIS-2020-001, and DISIS-2021-001.*

DISIS-2017-001 was selected to commence the Three-Stage Study Process under the revised Attachment V, effective 1 July 2019.

### 3.5.2.2 Definitive Interconnection System Impact Study Phase Two processing time.

Reporting Period  
Q4 - 2021

REFERENCE FROM SECTION 3.5.2.2	1Q	2Q	3Q	4Q
(A) Number of DISIS Phase Two studies completed within Transmission Provider’s coordinated region during the reporting quarter.	0	1	0	0
(B) Number of DISIS Phase Two studies completed within Transmission Provider’s coordinated region during the reporting quarter that were completed more than one hundred twenty (120) Calendar Days after the end of DP1 as described in Section 8.5 of the GIP.	0	1	0	0
(C) At the end of the reporting quarter, the number of ongoing incomplete DISIS Phase Two studies where such DISIS Phase Two studies were still incomplete more than one hundred twenty (120) Calendar Days after the end of DP1 as described in Section 8.5 of the GIP before the reporting quarter end,	0	0	0	0
(D) Mean time (in days), each DISIS Phase Two studies completed within Transmission Provider’s coordinated region during the reporting quarter, from the date when Transmission Provider end of DP1 as described in Section 8.5 of the GIP to the date when Transmission Provider provided the completed Definitive Interconnection System Impact Study.	0	156	0	0
(E) Percentage of DISIS Phase Two studies exceeding one hundred twenty (120) Calendar Days after the end of DP1 to complete this reporting quarter, calculated as the sum of Sections 3.5.2.2(B) and 3.5.2.2(C) divided by the sum of Sections 3.5.2.2(A) and 3.5.2.2(C). { (E)=(B+C)/(A+C) }	0%	100%	0%	0%
<i>Active &amp; Pending DISIS Clusters during 4<sup>th</sup> Qtr. 2021: DISIS-2017-001, DISIS-2017-002, DISIS-2018-001, DISIS-2018-002, DISIS-2019-001, DISIS-2020-001, and DISIS-2021-001.</i>				

Refer to Section 3.5.2 of the ATTACHMENT V – GENERATOR INTERCONNECTION PROCEDURES (GIP) for an explanation of the SPP Generator Interconnection Study Metrics [Attachment V GIP](#). For information regarding this FERC Order 845 Metric, email us at [gistudies@spp.org](mailto:gistudies@spp.org).

### 3.5.2.3 Interconnection Facilities Studies processing time.

Reporting Period  
Q4 - 2021

REFERENCE FROM SECTION 3.5.2.3	1Q	2Q	3Q	4Q
(A) Number of Interconnection Facilities Studies completed within Transmission Provider’s coordinated region during the reporting quarter,	0	0	6	8
(B) Number of Interconnection Facilities Studies completed within Transmission Provider’s coordinated region during the reporting quarter that were completed more than one hundred thirty-five (135) Calendar Days after the end of DP2,	0	0	0	8
(C) At the end of the reporting quarter, the number of ongoing incomplete Interconnection Facilities Studies where such Interconnection Facilities Studies were still incomplete more than one hundred thirty-five (135) Calendar Days after the close of DP2,	0	0	32	24
(D) Mean time (in days), each Interconnection Facilities Study completed within Transmission Provider’s coordinated region during the reporting quarter, calculated from the end of DP2,	0	0	127	204
E) Percentage of delayed Interconnection Facilities Studies this reporting quarter, calculated as the sum of Sections 3.5.2.3(B) and 3.5.2.3(C) divided by the sum of Sections 3.5.2.3(A) and 3.5.2.3(C).	0%	0%	84%	100%
<i>Active &amp; Pending DISIS Clusters during 4<sup>th</sup> Qtr. 2021: DISIS-2017-001, DISIS-2017-002, DISIS-2018-001, DISIS-2018-002, DISIS-2019-001, DISIS-2020-001, and DISIS-2021-001.</i>				

Under Section 3.5.2.3 (d) above, Facilities Studies delayed due to multiple restudies of DiSIS-2017-001 Phase Two.

Refer to Section 3.5.2 of the ATTACHMENT V – GENERATOR INTERCONNECTION PROCEDURES (GIP) for an explanation of the SPP Generator Interconnection Study Metrics [Attachment V GIP](#). For information regarding this FERC Order 845 Metric, email us at [gistudies@spp.org](mailto:gistudies@spp.org).

### 3.5.2.4 Interconnection Service Requests withdrawn from interconnection queue.

Reporting Period  
Q4 - 2021

REFERENCE FROM SECTION 3.5.2.4	1Q	2Q	3Q	4Q
(A) Number of Interconnection Service requests withdrawn from Transmission Provider’s interconnection queue during the reporting quarter,	0	25	0	3
(B) Number of Interconnection Service requests withdrawn from Transmission Provider’s interconnection queue during the reporting quarter before completion of any Interconnection Studies or execution of any Interconnection Study Agreements,	0	0	0	0
(C) Number of Interconnection Service requests withdrawn from Transmission Provider’s interconnection queue during the reporting quarter before completion of a Definitive Interconnection System Impact Study,	0	25	0	1
(D) Number of Interconnection Service requests withdrawn from Transmission Provider’s interconnection queue during the reporting quarter before completion of an Interconnection Facility Study,	0	0	0	2
(E) Number of Interconnection Service requests withdrawn from Transmission Provider’s interconnection queue after execution of a GIA or Interconnection Customer requests the filing of an unexecuted, new GIA,	0	0	0	0
(F) Mean time (in days), for all withdrawn Interconnection Service requests, from the date when the request was determined to be valid to when Transmission Provider received the request to withdraw from the queue.	-	1464	-	1528
<i>Active &amp; Pending DISIS Clusters during 4<sup>th</sup> Qtr. 2021: DISIS-2017-001, DISIS-2017-002, DISIS-2018-001, DISIS-2018-002, DISIS-2019-001, DISIS-2020-001, and DISIS-2021-001.</i>				

Refer to Section 3.5.2 of the ATTACHMENT V – GENERATOR INTERCONNECTION PROCEDURES (GIP) for an explanation of the SPP Generator Interconnection Study Metrics [Attachment V GIP](#). For information regarding this FERC Order 845 Metric, email us at [gistudies@spp.org](mailto:gistudies@spp.org).

## Appendix A

In compliance with Section 3.5.4(ii) of the Attachment V – Generator Interconnection Procedures (GIP), SPP is required to report the total number of employee hours and third party consultant hours dedicated to interconnection studies when study types covered in Section 3.5.2.1 through 3.5.2.3 experience delays of more than 25% in two consecutive quarters. During the fourth quarter of 2021, SPP and third party consultants expended a total number of 5201 hours towards interconnection studies.