

Generator Interconnection Submission Check List

Each DISIS Queue Cluster Window will be eleven (11) calendar months in duration. Following the close of the window, there shall be one calendar month DISIS Review Period. SPP staff will review and validate those requests within 30 Calendar Days of receipt of application. Failure to meet documentation, data, or financial requirements will result in the request being deemed withdrawn.

For information on projected cluster window dates, you may refer to the weekly study update:
https://opsportal.spp.org/documents/studies/sppgistudyupdate_weekly.pdf

To Initiate the Generator Interconnection Request (GIR), the Interconnection Customer must provide all requirements under SPP Tariff Attachment V, Section 8.2.

1. Submit Executed Generator Interconnection Study Agreement, including ALL Attachment A, B and C forms to Appendix 3.

Documents for your reference:

https://opsportal.spp.org/documents/studies/GIP%20Appendix%203_02012024.pdf

This document above provides the following (must be most current tariff versions):

- ☐ Appendix 3 Generator Interconnection Study Agreement
- ☐ Attachment A to Appendix 3
- ☐ Attachment B to Appendix 3*
- ☐ Attachment C to Appendix 3

**Data requirements listed under Attachment B to Appendix 3, for Inverter-Based Resource Data for Phase-Locked Loop (PLL) Controllers are required upon initial submission. EMT Model files are not required at time of submission but required further into the DISIS Study Process. Interconnection Customers will be notified upon requirement dates.*

Incomplete Agreement, application forms or data will be considered deficient for submission. If any portion is irrelevant to Interconnection Project, mark NA or N/A in the fields.

Upon review and notification, failure to provide completed forms and data are deemed by SPP as withdrawn.

2. Demonstration Of Site Control

- ☐ Reasonable Demonstration per SPP Site Control Guidelines.
<https://opsportal.spp.org/documents/studies/SPP%20Site%20Control%20Criteria.pdf>
- ☐ Completed and signed SPP Site Control Attestation Form
<https://opsportal.spp.org/documents/studies/AttestationStatementForSiteControl.pdf>

3. Financial Requirements (Study Deposits, Securities, CSA, etc)

Prior to the DISIS window close, SPP must receive Study Deposit, Financial Securities in the form of Cash or Letter of Credit, and additional information.

- ☐ Study deposit, based on MW Capacity to be Studied (Cash only)
 - \$25,000 deposit for requested capacity less than or equal to 2 MW;
 - \$35,000 deposit for requested capacity greater than 2 MW and less than or equal to 20 MW;
 - \$50,000 deposit for requested capacity of greater than 20 MW and less than 75 MW; or
 - \$90,000 deposit for requested capacity greater than or equal to 75 MW.
- ☐ Financial Security Deposit equal to \$4,000 per MW of the requested study capacity ("Financial Security One") in the form of Cash or Letter of Credit
- ☐ Gen Tie 'In lieu of' Financial Security Deposit equal to \$80,000 per linear mile of the total Gen Tie Length, per Section 8.2.a.2 (Provided if actual Site Control is not available). Do not round up payment-to-mileage amount
- ☐ Completed SPP Credit and Security Agreement (per SPP Tariff Attachment X)
<https://opsportal.spp.org/documents/studies/sppcreditsecurityagreement.pdf>

For an overview of Generation Interconnection Finances (Requirements, Risks and Refunds)

<https://opsportal.spp.org/documents/studies/GIFinances.pdf>

SPP Bank Wire / ACH Information:

To: Southwest Power Pool, Inc.
Routing/ABA Number: 082000549
Account Number: 151803489070

Surety bonds are acceptable as financial security for interconnection deposits. Please note, SPP is accepting no changes to this Surety Bond form. All requirements for the surety underwriting for the customer are provided on the approved form, Appendix F, available at the link below.

<https://opsportal.spp.org/documents/studies/SuretyBondAppendixF.pdf>

Question regarding the SPP Generation Interconnection Request Application Process, please open a ticket via the Request Management System (RMS) at <https://spprms.issuetrak.com/>.

Questions regarding SPP Letter of Credit Language, Surety Bonds or the SPP Credit and Security Agreement, contact:

Peyton Greenwald (pgreenwald@spp.org)

Questions regarding remaining Study Deposit or Financial Securities, contact:

Mitch Jackson (mjackson@spp.org)

4. Other Required Information

Pursuant to Section(s) 3.3.4; 8.5.1 and 8.5.2 of the GIP, additional information may be required, not already listed in Appendix 3 and Attachment A, B and C Forms that are essential and necessary for the conduct of the Generation Interconnection studies.

- ☐ Transmission line parameters (impedance values, R and X, and line charging B, all in per unit) and length of the transmission line connecting the customer's generation facility to the Point of Interconnection. MS Excel format preferred.
- ☐ PSS/E .dyre files and library/object files compatible with Versions 34.8 and 35.3 and user guide for files.
- ☐ Collector System impedance data in MS Excel format that corresponds to collector system layout (geographical and electrical).

SPP reserves the right to request and require any additional information necessary to understand and scope the Generation Interconnection Request, prior to reviewing and validating the application. Should that additional information not be provided, the Generation Interconnection Request may be deemed withdrawn subject to Section 3.7.

To Initiate an Affected System Generator Interconnection Request

Please refer to Section 6 of Business Practice 7250 for information regarding SPP as an Affected System. A link is provided in Appendix A below.

Requests must include a study agreement with Attachments A, B, and C; demonstration of site control; applicable technical data; and a \$15,000 deposit. No securities are required.

Study agreement:

<https://opsportal.spp.org/documents/studies/Affected%20System%20Study%20Agreement.pdf>

Submitting Your Generator Interconnection Request (GIR) or Affected System Generator Interconnection (ASGI) Request

When submitting your Generator Interconnection Request Application and Project Data, we ask that it be submitted all at one time. There are four (4) options to submit your Generation Interconnection Requests to SPP Engineering, including:

SmartQ Web Portal: <https://smartq.spp.org/>

Email: GIStudies@spp.org

SPP FTP Portal (GlobalScape or other) Email GIStudies@spp.org for a temporary link.

Request Management System (RMS): <https://spprms.issuetrak.com/>

NOTICE: When the Generation Interconnection project reaches one of two terminal points (withdrawn or reaches Commercial Operation) SPP will require the following information to release any cash study deposit balances, accrued interest or release of any Letter of Credit or Financial Securities. SPP will not release any funds until the following information is provided:

☐ Completed SPP Study Deposit and Refund Form

<https://opsportal.spp.org/documents/studies/SPP%20Study%20Deposit%20Refund%20Form.pdf>

☐ Completed and Current IRS W-9 Form

<https://www.irs.gov/pub/irs-pdf/fw9.pdf>

Appendix A

We encourage you to familiarize yourself with the following:

SPP Tariff, Attachment V, Generator Interconnection Procedures and Generation Interconnection Agreement.

<https://opsportal.spp.org/documents/studies/SPP%20Tariff%20Attachment%20V%20Generator%20Interconnection%20Procedures.pdf>

Finances: Requirements, Risks and Refunds.

<https://opsportal.spp.org/documents/studies/GIFinances.pdf>

SmartQ Tutorial.

<https://opsportal.spp.org/documents/studies/SmartQTutorial.pdf>

SPP Site Control Criteria.

<https://opsportal.spp.org/documents/studies/SPP%20Site%20Control%20Criteria.pdf>

Guidelines and Business Practices for SPP Generator Interconnection Procedures (GIP).

<https://opsportal.spp.org/documents/studies/GuidelinesAndBusinessPracticesForGIP.pdf>

Generator Interconnection Manual – Business Practice 7250.

https://opsportal.spp.org/documents/studies/GI%20MANUAL%20BUSINESS%20PRACTICE_7250_20240212.pdf

DISIS Process Overview.

<https://opsportal.spp.org/documents/studies/DISIS%20Process%20Overview.pdf>

<https://opsportal.spp.org/Studies/Gen>