

New Service Generator Interconnection Submission Check List

After the close of the open queue cluster window, SPP staff will review and validate new Interconnection Requests. Failure to meet documentation, data, or financial requirements after the closing of the open queue cluster window will result in the request being deemed not valid.

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

Submitting Your Generator Interconnection Request

When submitting your Generator Interconnection Request, we ask that it be submitted all at one time. New requests are submitted in the SPP Interconnection Management System (SIMS):
<https://sims.spp.org>.

To Initiate the Generator Interconnection Request (GIR), the Interconnection Customer must provide all requirements under SPP Tariff Attachment AY, Section V.8.2. Upon review and notification, failure to provide completed forms and data are deemed by SPP as not a valid request.

1. Submit Executed Generator Interconnection Study Agreement, including data requirements found in Attachment A, B, and C forms to Appendix 3.

Documents for your reference can be found on SPP etariff, Attachment AY, Appendix 3:
[SPP Open Access Tariff viewer](#)

This document above provides the following:

- ☐ Appendix 3 Generator Interconnection Study Agreement
- ☐ Attachments A, B, C to Appendix 3*^

**Data requirements found in Attachments A, B, C will be entered in the fields in SIMS. A pdf version is not required.
^ 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 or data will be considered deficient for submission.

2. Demonstration Of Site Control

- ☐ Reasonable Demonstration per SPP Site Control Guidelines.
GCP Guidelines and Business Practices, found on <https://opsportal.spp.org/Studies/Gen>
- ☐ Completed and signed SPP Site Control Attestation Form
<https://opsportal.spp.org/documents/studies/Demonstration%20of%20Site%20Control%20Attestation%20FormICS.pdf>

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

Prior to the ICS window close, SPP must receive Study Deposit, Application Fee, and Financial Security One in the form of Cash or Letter of Credit, and additional information.

- ☐ Application Fee (Cash only)
 - \$10,000 Application Fee (Non-refundable)
- ☐ Study deposit, based on MW Capacity to be Studied (Cash only)
 - \$35,000 plus \$1,000 per MW for Interconnection Requests < 80 MW; or
 - \$150,000 for Interconnection Requests ≥ 80 MW < 200 MW; or
 - \$250,000 for Interconnection Requests ≥ 200 MW.
- ☐ Financial Security One
 - greater of \$8,000 / MW or 20% of calculated GRID-C amount
- ☐ 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/Finance-%20ICS%20Finances%20Requirements-Risks-Refunds.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://rms.spp.org/s/>

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)

3. Other Required Information

SIMs will require choice of Subregion where project is located.

Pursuant to Section(s) V.3.3.4; V.8.5.1 and V.8.5.2 of the GCP, 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 35.6 and 36.2 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.

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>

To Initiate an Affected System Generator Interconnection Request

Please refer to Chapter 3.6 of Business Practice 7250 for information regarding SPP as an Affected System.

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 required to be populated.

Submitting Your Affected System Generator Interconnection (ASGI) Request

When submitting your ASGI Application and Project Data, we ask that it be submitted all at one time. There are three (3) options to submit your ASGI requests to SPP Engineering, including:

Email: GIStudies@spp.org

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

Request Management System (RMS): <https://rms.spp.org/s/>

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 AY, Generator Connection Procedures and Generation Interconnection Agreement

[SPP Open Access Tariff viewer](#)

Finances: Requirements, Risks and Refunds

<https://opsportal.spp.org/documents/studies/Finance-%20ICS%20Finances%20Requirements-Risks-Refunds.pdf>

SPP Site Control Criteria

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

Guidelines and Business Practices for SPP Generator Connection Procedures (GCP)

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

CPP Manual, Chapter 3

<https://spp.org/engineering/consolidated-planning-process/>

SIMS User Guide

<https://opsportal.spp.org/documents/studies/GI%20Application%20Submission%20Tool%20User%20Guide.pdf>

GI Studies main page

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