

Study Requirements

Submission of the Following:

Feasibility Study

- Appendix 2 to GIP (Fully completed (including Attachment A), Signed and dated)
http://sppoasis.spp.org/documents/swpp/transmission/studies/Appendix_2_Attachment_A_FBS.pdf
- Study Fee of \$10,000 for new request (if wire, please put project name in description field or GEN # if known)

PISIS Study

- Applicable Study Fee for Request (if wire, please put project name in description field or GEN # if known) - See guidelines for study deposit amounts based on MW amount.
- Appendix 3 to GIP (Fully completed (including Attachment A), Signed and dated)
http://sppoasis.spp.org/documents/swpp/transmission/studies/Appendix_3_Attachment_A_PISIS.pdf
 - Main Substation Transformer data sheet. Data should include all ratings and impedances on the self-cooled rating. (Preferably in the form of Attachment A to Appendix 3.)
 - Generator Step-Up Transformer data sheet. Data should include all ratings and impedances on the self-cooled rating. (Preferably in the form of Attachment A to Appendix 3.)
 - 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.
 - Collector System impedance data in Excel format that corresponds to collector system layout (geographical and electrical).
 - PSS/E dyre files and library/object files compatible with Versions 33, 34.2 and 34.4 and user guide for files.

DISIS Study

- Applicable Study Fee for Request (if wire, please put project name in description field or GEN # if known) - See guidelines for study deposit amounts based on MW amount.
- Security Deposit (\$1000/MW)
A Letter of Credit may be used in lieu of the security deposit. Please work with Phil McCraw (pmccraw@spp.org) of Risk Management on the specifics needed in your Letter of Credit. The name on the Letter of Credit should match exactly to the name on the agreement or state for benefit of the name on the agreement. If a new LOC is provided, the Credit and Security Agreement is also required. See link below.
http://sppoasis.spp.org/documents/swpp/transmission/studies/sppcreditsecurityagreement_03_2014.pdf
- Appendix 3A to GIP (Fully completed (including Attachment A), Signed and dated)
http://sppoasis.spp.org/documents/swpp/transmission/studies/Appendix_3A_Attachment_A_DISIS.pdf
 - Main Substation Transformer data sheet. Data should include all ratings and impedances on the self-cooled rating. (Preferably in the form of Attachment A to Appendix 3A.)
 - Generator Step-Up Transformer data sheet. Data should include all ratings and impedances on the self-cooled rating. (Preferably in the form of Attachment A to Appendix 3A.)
 - 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.
- Collector System impedance data in Excel format that corresponds to collector system layout (geographical and electrical).

Study Requirements

- PSS/E dyre files and library/object files compatible with Versions 33, 34.2 and 34.4 and user guide for files.

Facility Study

- IRS W-9

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

- SPP Study Deposit Refund and Disposition Form

<http://sppoasis.spp.org/documents/swpp/transmission/studies/SPPStudyDepositRefundForm.pdf>

- Security Deposit (\$3000/MW)

A Letter of Credit may be used in lieu of the security deposit. Please work with Phil McCraw (pmccraw@spp.org) of Risk Management on the specifics needed in your Letter of Credit. The name on the Letter of Credit should match exactly to the name on the agreement or state for benefit of the name on the agreement. If a new LOC is provided, the Credit and Security Agreement is also required. See link below.

http://sppoasis.spp.org/documents/swpp/transmission/studies/sppcreditsecurityagreement_03_2014.pdf

- Appendix 4 or 4A to GIP (Fully completed including Attachment **A** and **B**, **Sign** and **date**)

http://sppoasis.spp.org/documents/swpp/transmission/studies/Appendix_4_Attachment_AandB_FS.pdf

- One-line diagram of Generating Facility with Point of Interconnection

- Geographical map of proposed Point of Interconnection and location of Generating Facility.

Map should contain approximate location or surrounding area or address.

Material Modification (Restudy) - covered under 4.4 of Attachment V (Generator Interconnection Procedures)

- SPP will review the requested modification and determine if a study is required. If a study is required, a Modification

- Updated collector system and machine parameters are required. Generator lead parameters may also be required.

- Appendix 4 or 4A to GIP (Fully completed (including Attachment A and B), Signed and dated)

- New generator documentation and PSSE model(s) (.lib,.obj,dyr) are required.

- Study funds may be required, based upon funds remaining for study.