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*SCE offers these guidelines to help you understand our Generator Interconnection Procedures. However, in the case of discrepancies, SCE’s tariffs and interconnection documents prevail.*

*Note: The answers shown below were developed from the information found in the SCE’s Wholesale Access Distribution Tariff (WDAT) located at: [http://www.sce.com/AboutSCE/Regulatory/openaccess/default.htm](http://www.sce.com/AboutSCE/Regulatory/openaccess/default.htm)*

**A. Getting Started**

1. I am a new customer with a proposed generation project. What do I need to do?  
   **Response**

   You can find information about the requirements to interconnect a generating facility based on the applicable process for the project.

   For projects proposing to interconnect to SCE’s distribution system under SCE’s Wholesale Distribution Access Tariff (“WDAT”), visit SCE’s Open Access web page located at: [http://www.sce.com/AboutSCE/Regulatory/openaccess/default.htm](http://www.sce.com/AboutSCE/Regulatory/openaccess/default.htm)

   Attachment I (Generator Interconnection Procedures, or GIP) governs the process to interconnect new generating facilities and expansion to existing facilities under the jurisdiction of the Federal Energy Regulatory Commission (FERC).

   For projects proposing to interconnect to SCE’s distribution system under Rule 21, visit this link: [https://www.sce.com/NR/sc3/tm2/pdf/Rule21_1.pdf](https://www.sce.com/NR/sc3/tm2/pdf/Rule21_1.pdf)

   Rule 21 governs the process to interconnect new generating facilities and expansion to existing facilities under the jurisdiction of the California Public Utilities Commission (CPUC).

   For projects proposing to interconnect to SCE’s transmission system under the CAISO tariff, click the following link to be connected to the CAISO homepage:


   Appendix DD of the CAISO tariff governs the process to interconnect new generating facilities and expansion to existing facilities under the jurisdiction of the FERC.

   In addition, you can find information about energy procurement/generation programs at the following links:
a. **Power Procurement Options**  
You may find additional information about various programs, including renewable options, and contact information at the following link:  
https://www.sce.com/wps/portal/home/procurement/

If you are interested in other energy contracts, information and the template CHP/PURPA PPA can be found at:  
www.sce.com/chp

b. **Renewable Energy Self-Generation Bill Credit Transfer (RES-BCT)**  
Information about the Renewable Energy Self-Generation Bill Credit Transfer (RES-BCT) may be found at:  
RES-BCT

c. **Net Energy Metering (NEM)**  
Information about Net Energy Metering (NEM) is located at:  
NEM

2. **Should a developer contact the CAISO or SCE for wholesale generation interconnections?**  
*Response*  
If you are unsure about the right process to interconnect a proposed wholesale generation project, please forward your questions to InterconnectionQA@sce.com. Alternatively, you may call the SCE Grid Interconnection helpline at: (626) 302-3688.

3. **Before completing and submitting an application, how would I get some basic information about the viability of developing a generation facility at a specified site, and where to interconnect?**  
*Response*  
SCE’s Interconnection Map provides SCE system data pertinent to Distributed Generation (DG) developers searching for possible interconnection locations on the SCE distribution system. This set of maps includes the locations of SCE distribution circuits, substations, subtransmission systems, and areas of transmission constraints along with the associated circuit/substation/system voltage, available capacity, and current and queued DG interconnection amounts.

You can access these maps by navigating through the SCE Open Access web page link shown below:  
www.sce.com/gridinterconnection  
Then selecting:  
“SCE Interconnection Maps”

*Note: You will need to have Google Earth software to view the circuit maps.*

4. **What information do I need to submit along with an Interconnection Request under SCE’s WDAT?**  
*Response*  
Please refer to the WDAT for the specific application forms and requirements at the following links:  
WDAT Interconnection Request Application Form
Wholesale Distribution Service Request Form (Application)

A complete Interconnection Request should include the following items:
- Application Form and its Attachment A completed
- Applicable Study Deposit or Fee
- Demonstration of Site Exclusivity (for projects submitting an application under the Cluster Study process, a Site Exclusivity Deposit may be submitted in lieu of demonstration of Site Exclusivity; refer to the WDAT for additional details)
- Site drawings (as required in the application form)
- Single line diagram with PE stamp

5. **Is there a limit on the number of Interconnection Requests submitted by the same entity?**
   
   **Response**
   
   No, there is no limit on the number of interconnection requests an entity can submit.

6. **When can we submit an Interconnection Request?**
   
   **Response**
   
   For projects submitting an interconnection request under the Cluster Study Process, there is one Cluster Application Window per year (April 1 to April 30).
   
   Projects submitting an interconnection request under the Fast Track or Independent Study Process can do so at any time throughout the year.
   
   For additional requirements for the WDAT and Rule 21 Tariff, you can access the SCE Open Access web page located at:
   
   [http://www.sce.com/AboutSCE/Regulatory/openaccess/default.htm](http://www.sce.com/AboutSCE/Regulatory/openaccess/default.htm)

7. **I am considering developing a new renewable project at a property or parcel. What do I need to do to develop a renewable project at that property?**
   
   **Response**
   
   SCE does not provide consulting services for project development. However, SCE has renewable procurement targets mandated by the California Public Utilities Commission (CPUC). Should you develop a project and be interested in selling the output to SCE, the following link provides you with contact information as well as the various programs that are available:
   
   [https://www.sce.com/wps/portal/home/procurement/](https://www.sce.com/wps/portal/home/procurement/)

8. **I am located on xyz street. How do I identify where to connect to the SCE system?**
   
   **Response**
   
   SCE’s Interconnection Map provides SCE system data pertinent to Distributed Generation (DG) developers searching for possible interconnection locations on the SCE distribution system. This set of maps includes the locations of SCE distribution circuits, substations, subtransmission systems, and areas of transmission constraints along with the associated circuit/substation/system voltage, available capacity, and current and queued DG interconnections amounts.
You can access these maps by navigating through SCE Open Access web page link shown below:
www.sce.com/gridinterconnection
Then selecting:
“SCE Interconnection Maps”

Note: You will need to have Google Earth software to view the circuit maps.

Once an Interconnection Request is submitted, the engineering review or studies may identify a preferred point of interconnection that may differ from the one originally proposed.

9. How do I know what’s the appropriate size my project should be for a particular location?
   Response
   It is the customer’s decision to propose the size of the generating facility. SCE will conduct studies based on the technical specifications provided in your Interconnection Request. The studies will identify any facilities that may be necessary for such a project to interconnect to SCE’s distribution system.

10. I’m trying to find a qualified engineer to fill out the Interconnection Request (IR) and create the single line. Can SCE provide a referral to companies that understand this process?
    Response
    SCE is not able to provide references for qualified professional engineering firms.

B. Interconnection Request

1. When will we know where we are positioned in the interconnection queue after applying?
   Response
   The queue position date for each project (which determines its cost responsibility for upgrades) is established once the Interconnection Request is deemed complete (in accordance with the requirements of the WDAT).

   SCE publishes the interconnection queue (updated monthly) for public viewing at the following link:
   http://www.sce.com/nrc/aboutsce/regulatory/openaccess/wdat/wdat_queue.xls

C. Fast Track or Independent Study Process (ISP), Review for Eligibility

1. How can a project qualify for processing under the WDAT Fast Track Process?
   Response
   As described in the Attachment I to the WDAT (GIP, Section 1, “Objectives and Applicability”), the Fast Track Process is available to any Interconnection Customer proposing to interconnect a proposed certified Generating Facility with SCE’s Distribution System that is no larger than 2 MW and that meets the codes, standards, and certification requirements of Appendices 8 and 9 of these procedures. The Fast Track process, fees/deposits, and requirements are described in Section 6, and the technical evaluation screens are described in Section 6.5 of Attachment I to the WDAT.
In order to proceed toward interconnection, the project needs to pass the Fast Track screens as described in the WDAT.

2. **How can a project qualify for processing under the WDAT Independent Study Process (ISP)?**
   
   **Response**
   
   After a project has requested to interconnect to SCE’s distribution system through the WDAT ISP, it must pass the Electrical Independence Test as described in Section 5.5 of Attachment I to the WDAT to proceed with further engineering studies. An ISP project has no size limitations, but its proposed size may affect the results of the Electrical Independence Test.

   As described in Attachment I to the WDAT (GIP, Section 1, Objectives and Applicability), the Independent Study Process (ISP) is available to any Interconnection Customer that is either proposing to interconnect a proposed Generating Facility with SCE’s Distribution System or is seeking to increase the capacity of a Generating Facility that has achieved Commercial Operation, and that is electrically independent of Interconnection Requests from any earlier-queued Generating Facilities. The ISP process, study deposits, and requirements are described in Section 5, and specific criteria for ISP eligibility and electrical independence test are described in Sections 5.4 and 5.5 of Attachment I to the WDAT.

**D. Study Process**

1. **Is there a way for a project that uses the WDAT Fast Track Process to attain Full or Partial Capacity Deliverability Status?**
   
   **Response**
   
   Yes. WDAT Fast Track projects are initially studied as “Energy-Only” projects. A Generating Facility previously studied as Energy-Only may submit a request for an Annual Full Capacity Deliverability Study under WDAT Attachment I, Section 4.7.2. The assessment will determine whether it can be designated for Full or Partial Deliverability Status using expected upgrades to the transmission capacity following a Phase II study.

   In addition, the CAISO conducts the Distributed Generation Deliverability process to allocate deliverability currently supported by existing transmission capacity. Please refer to the CAISO website to learn more about this process.

2. **Does SCE have to perform the interconnection studies or can the developer (or its contractor) perform the interconnection studies and have SCE review and approve the results?**
   
   **Response**
   
   The WDAT provides that SCE performs all interconnection studies.

3. **Under the WDAT Cluster Study Process where more than one project affects the grid in such a way that Network Upgrades or Distribution Upgrades are required, how are the costs allocated?**
   
   **Response**
   
   Cost allocation is described in Attachment I to the WDAT (GIP).
Generally, for projects studied together under the Cluster Study Process:

- Reliability Network Upgrades costs are allocated per MW for all generation in the cluster that requires the upgrades.
- Delivery Network Upgrades costs are allocated based on the flow impact of each generating project requesting deliverability.
- Distribution upgrades costs are allocated pro-rata per MW.

The responsibility to finance Network Upgrades is subject to a cap. Please refer to the WDAT for additional information.

For projects studied individually, they are 100% responsible for the costs they trigger.

Generally, Interconnection Facilities costs are allocated 100% to the generating facility that requires the facilities.

4. Regarding interconnection study deposits under the WDAT Cluster Study Process, is there an additional study deposit required for Phase II Interconnection Study?

Response

For projects studied under the Cluster Study Process, there is a one-time study deposit made at the time the Interconnection Request is submitted. However, you will be responsible for the actual costs to perform these studies. If your study costs exceed your deposit, you will be billed for the difference following the completion of the studies.

5. Is one of the results of the WDAT Cluster Study the evaluation of Full Capacity Deliverability Status for projects in that cluster?

Response

Yes, to the extent the customer originally requests Full Capacity or Partial Capacity Deliverability Status on its Interconnection Request.

6. What additional requirements are associated with moving from Phase I to Phase II in the Cluster Study Process (i.e., what might stop a project proceeding to Phase II)?

Response

Requirements in Sections 4.6 and 4.8 of WDAT Attachment I, GIP, to move to Phase II study include: posting the required Interconnection Financial Security, and completing the data form (Attachment B to Appendix 3 of the GIP) prior to the commencement of the Phase II Interconnection Study.

E. Interconnection Agreement

1. At what point in time is the money paid for Network Upgrades refunded back to the Interconnection Customer that paid for them?

Response

Section 10.4 of the GIP describes the funding of Network Upgrades. Section 10.4.1.2 further describes the repayment to the Interconnection Customer following the Commercial Operation Date.
of the Generating Facility, in accordance with the methodology set forth in Article 11.4 of the GIA, for the Interconnection Customer’s contribution to the cost of (a) Reliability Network Upgrades, and (b) Local Delivery Network Upgrades, with some exceptions. The money paid by the customer for Network Upgrades is typically refunded on a straight-line basis, including interest, over the five-year period commencing after the Project achieves commercial operation. There may be some additional exceptions as outlined in the project’s Interconnection Agreement.

2. Can I see a copy of the pro forma WDAT GIA?
   
   **Response**
   
   The pro forma GIA for the Cluster Study Process is found in Appendix 5 to the WDAT Attachment I, the pro forma GIA for the Independent Study Process is found in Appendix 6 to the WDAT Attachment I, and the pro forma GIA for the Fast Track Process is found in Appendix 7 to the WDAT Attachment I. The appendices (which are blank) will be developed and completed after completion of the last study.

**F. For Additional Assistance**

1. Is there a presentation I could review to provide me with more information?
   
   **Response**
   
   Yes, click on the following link (which is also found on SCE’s Open Access website):
   
   Generator Interconnection Process Workshop

2. Please utilize one of the three vehicles shown below to get your additional questions answered:
   
   - **Email:** interconnectionQA@sce.com
   - **Phone:** (626) 302-3688
   - **Mail:** Grid Interconnection & Contract Development
     Southern California Edison
     2244 Walnut Grove Ave
     PO Box 945
     Rosemead, CA 91770

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