PrintForm

REQUEST FOR METHOD-OF-SERVICE STUDY

Your Method-of-Service Study request will be processed after this form is completed in its entirety including Exhibits and returned to Southern California Edison (SCE) along with required deposits. SCE's guidelines for Electric Service Requirements (ESR) are available on SCE's website at http://www.sce.com/AboutSCE/Regulatory/distributionmanuals/esr.htm

CUSTOMER INFORMATION

CUSTOMER NAME: _____ PHONE NO: _____

FACILITY LOCATION/ADDRESS: _____ FAX NO: _____

CITY: _____ ZIP CODE: _____ COUNTY: _____

MAILING/BILLING ADDRESS: _____ ZIP CODE: _____

CITY: _____ STATE: _____

CONTACT PERSON: _____ PHONE NO: _____

TITLE: _____ FAX NO: _____

ADDRESS (if different from above): _____ E-MAIL: _____

CITY: _____ STATE: _____ ZIP CODE: _____

ALTERNATE CONTACT PERSON: _____ PHONE NO: _____

TITLE: _____ FAX NO: _____

ADDRESS (if different from above): _____ E-MAIL: _____

CITY: _____ STATE: _____ ZIP CODE: _____

Application is for: ☐ NEW FACILITY

☐ EXISTING FACILITY

Describe type of business: _____

Please describe the reason for the request (Provide separate attachment if needed) : _____

_____

_____

If existing, does SCE need to move or remove existing facilities to accommodate this project? ☐ YES ☐ NO

Describe facilities to be moved or removed: _____

_____

CEQA Permiting Process/Status: ☐ Not Anticipated ☐ Anticipated ☐ Draft EIR ☐ Final EIR

Customer Requested In-Service Date: _____

FACILITIES INFORMATION

TYPE OF SERVICE:

Requested voltage at point of change of ownership? _____

Requested line voltage? _____

Requested billing voltage? _____

Do you require redundancy? ☐ YES ☐ NO Please specify: _____

Do you require emergency back-up service? ☐ YES ☐ NO Please specify: _____

Does customer desire SCE to install facilities beyond the metering point? ☐ YES ☐ NO

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FACILITIES INFORMATIONS Cont...

TRANSFORMER DATA (if applicable):

New required transformer will be provided by: ☐ SCE ☐ Customer

If the transformer is provided by the customer, please complete the following information:

Transformer Manufacturer: _____

Transformer Rated Voltage: _____HV _____LV

Transformer Impedance: _____% on _____kVA _____Base

Transformer Type: _____Single Phase _____Three Phase Size: _____kVA

If Three Phase:

Primary: _____kV _____Delta _____Wye _____Wye Grounded

Secondary: _____kV _____Delta _____Wye _____Wye Grounded

ELECTRICAL LOAD:

SCE facilities will be designed based on the load information provided; therefore, accuracy is essential. Please indicate connected loads in terms of kVA, kW, HP and Tons. Provide one (1) load summary for each point of service. Attach additional sheets as needed.

Expected Net Maximum Load (per premise): _____kW _____ kVAR

Air Conditioning: _____Tons

Load Schedule (Ex. 8hrs/day, 365/Yr): _____

Abnormal Loads: _____

MOTOR INFORMATION:

LARGEST MOTOR: _____HP (COMPLETE SECTION BELOW FOR ALL MOTORS > 50 hp)

Note: Please ensure **all** HP motor loads are included in lists above. Do not include redundant motors such as back up motors for sewage plants.

Motor	HP	Quantity	Starting Frequency	NEMA Code	Motor Starting Type

GENERAL INFORMATION:

Are there any special conditions SCE should be aware of ? ☐ YES ☐ NO Please describe: _____

Will the site have Isolated Back-Up Generation: ☐ YES ☐ NO

Will the site have generation that operates in parallel with the SCE system or utilize SCE assets in any way? ☐ YES ☐ NO

Please see "Isolated Back Up Generation" and “Parallel Generation” in the Glossary of Terms.

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REQUIRED INFORMATION

Enclosed the following documents:

- One-Line
- Site Map
- Annual 10 year load forecast data.

APPLICANT SIGNATURE:

I hereby certify that, to the best of my knowledge, all the information provided in this Method-of-Service Request is true and correct.

Applicant's Signature:_____ Date: _____

Submit Application Package to:

Southern California Edison
Customer Interconnection/Method-of-Service Group
3 Innovation Way, Pomona, CA 91768
E-mail: MOS-AF@sce.com

SCE USE ONLY

- ☐ MOS
- ☐ Feasibility
- ☐ SIS
- ☐ Equipment Evaluation
- ☐ Facility
- ☐ Engineering & Design

Exhibit I
Customer
Electrical One-Line Diagram

Exhibit II
Customer Location Map

Exhibit III
Customer
Load Forecast Data

Exhibit IV
Customer
Plot Plan

Exhibit V
Other Customer Schematics Drawing

Appendix: Glossary of Terms

1. CEQA – California Environmental Quality Act: Is a status that requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those impacts, if feasible.

   Most proposals for physical development in California are subject to Provision of CEQA. Every development project which requires a discretionary governmental approval will require at least some environmental review pursuant to CEQA, unless an exemption applies.

   - Not anticipated - Customer development is not subject to CEQA
   - Anticipated - Customer is anticipating a CEQA review for the development, but has not commenced the process
   - Draft Environmental Impact Report (EIR) – Customer is in the process of developing an EIR for the development
   - Final EIR – The EIR is complete and has been reviewed and approved by the Lead Agency (typically the city or county) pursuant to CEQA.

2. Requested In-Service Date: The date the customer requests service from SCE (energized date).

3. Point of Change of Ownership: The point where the Customer's facilities connect to SCE's facilities.

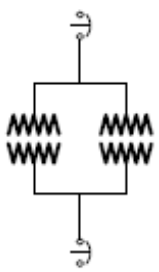
4. Requested voltage at point of change of ownership: Typical voltage includes 12 kV, 33 kV, 66 kV, 115 kV, and 220 kV.

5. Requested line voltage: Typical voltage includes 12 kV, 66 kV, 115 kV, and 220 kV and is based on customer's location.

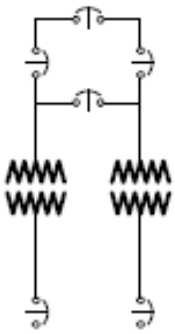
6. Requested billing voltage: The voltage in which the customer is being billed (12 kV, 66 kV, 115 kV, and 220 kV)

7. Redundancy: The duplication of critical components or functions of a system with the intention of increasing reliability of the system.

   a. Transformer Redundancy
      i. Two transformers in parallel



ii. Two transformers with separate feeds



b. Subtransmission/Transmission Redundancy
   i. Two lines, one route
   ii. Two lines, on two separate routes
   iii. Two lines from different systems, on two separate routes

8. Back-up Service: Service provided to the Customer at 12 kV to feed emergency load (Reliability Service Agreement).

9. Facilities beyond the Metering Point: At the customer's request SCE, under Added Facilities, can install, own, maintain, and operate any electrical facilities downstream of the primary meter.

10. Expected Net Max Load: Ultimate final loads anticipated at this site for which customer would like considerations given in the design and or study.

11. Load Schedule: The estimated demand based on operational plans and needs. The schedule should include future expansions and if multiple stages or phases are part of the project.

12. Abnormal Loads: Any unusual loads which may affect design of SCE facilities in order to maintain operating conditions pertinent to rules approved by the California Public Utilities Commission. Including, but not limited to, large motors, variable drives, power factor correction, and all generators which may be connected etc. Also include, if known, operating parameters, anticipated maximum starts per day, etc.

13. Special Conditions: Any special conditions which may be known that could affect cost of preliminary design and engineering work (restricted site access, geographical and environmental constraints, etc.).

14. Isolated Back-Up Generation: Isolated Back-up Generation that is connected with any common wiring components (transfer switch etc.) with the utility system, may present a potential hazard to utility workers. In accordance with California Health and Safety Code a utility customer must properly notify the utility of the any such generation prior to connection or in-servicing.

    For simplicity SCE utilizes portions of the Rule 21 Interconnection application document to provide this notification. If back up generation is planned please complete the applicable sections of form 14-732 found at SCE's open access website www.sce.com/openaccess.

SCE will review the information to ensure the system will properly isolate in accordance with standard for the safety of SCE personnel.

NOTE: This document has no associated filing fees and does not result in any form of interconnection agreement or contract.

If you have any questions, please contact SCE Grid Interconnection at 626-302-3688 or by email at InterconnectionQA@sce.com.

15. Parallel Generation: Installation and interconnection of a generation that operates in parallel with SCE's electrical system or assets, requires the appropriate technical studies and an interconnection agreement that are developed through specialized processes depending on the applicable criteria. This MOS application **will not** include or initiate those studies or agreements.

    The application for interconnection, engineering studies, negotiation and execution of an interconnection and the issuance of a Permission to operate letter can take significant effort and time with potential for additional project assets and costs. The MOS project manager will assist the applicant in contacting the appropriate resources. As the connection of generation can have unique impacts and requirements it is critical that the appropriate processes be started early. As a first step please visit SCE Open Access web page at www.sce.com/openaccess.

    If you have any questions, please contact SCE Grid Interconnection at 626-302-3688 or by email at InterconnectionQA@sce.com.

16. Electrical One-Line Diagram: The site's electrical one-line showing the configuration of all the major Facility equipment. This one-line diagram must be signed and stamped by a licensed Professional Engineer.

17. Site Map: A map or kmz file that indicates the precise physical location of the proposed (or existing) facility. Please indicate the desired location for the SCE substation and location of your connecting electrical switchgear. If possible, please include a plot plan which should also show existing structures, easements, property lines, and other on-site utility lines (fuel, water, sewer, etc.).

18. Load Forecast: An annual load forecast that shows the MVA or MW projected usage for the next 10 years.

The installation of electrical facilities is governed by state and local regulations and guidelines, as well as SCE policies. These regulations, guidelines, and policies ensure electrical facilities and methods of service are designed and installed equitably, legally, and as safely as possible.

Upon completion of the application you have contacted your Account Representative and provided this information, your request will be assigned a project number that will be provided to you along with a Method of Service (MOS) Study Agreement. Once you have submitted a signed agreement and deposit (if required on the MOS) SCE will provide you with the project number that you will reference on any on-going correspondence.