

Appendix E: Supply Side / Line Side connections



While reviewing the single line for the proposed project, it was observed that the method of interconnection to the SCE system is to connect the generating facility to the source side of the existing customer's main breaker (Line Side Tap). The proposed method of interconnection requires that the interconnecting equipment (busses, connectors, termination points, etc.) be modified in order to connect the generation on the source side of customer's main circuit breaker. SCE is concerned that the proposed modification may compromise the UL certification of the existing switchgear and that such modification may compromise the ratings and withstand capabilities that the switchgear was originally designed for. SCE strongly encourages that the customer interconnects the generating facility on the load side of the main circuit breaker in accordance to the intent of the existing switchgear and as approved by the authority having jurisdiction (AHJ).

If customer chooses to continue to interconnect the generating facility on the source side of the customer's main circuit breaker (tapping ahead of the main as defined by SCE), SCE must insure that the interconnection facilities continues to meet SCE's safety requirements. Therefore in order for SCE to accept the modified equipment, SCE will require that this letter be signed by the inspecting authority. The Inspector for the AHJ acknowledges the following:

1. That the existing customer switchgear has been altered to allow the interconnection of the generating facility to the source side of the customer's main breaker.
2. That the altered customer switchgear continues to meet UL certification requirements or that the modified equipment has been recertified for its new configuration.
3. That the modified equipment meets all the required NEC code requirements.

To reiterate, SCE considers the modification of the switchgear to be a safety issue and thus in order for SCE to approve the proposed generating facility, SCE must receive verification of UL and NEC compliance from the local inspecting authority prior to approving the generating facility for interconnection to SCE's distribution system. It should be noted that in addition to this endorsed letter from the inspecting authority, the customer must comply with existing requirements including P.E stamped Single Line, plot plan, equipment requirement, etc.

City / Authority Having Jurisdiction: _____ Permit #: _____

Name & Title: _____ Signature: _____

Date: _____