

Southern California Edison
A.23-03-005 – Cal City PTC

DATA REQUEST SET E D - S C E - 0 0 2

To: Energy Division
Prepared by: Sheridan Mascarenhas
Job Title: Senior Advisor
Received Date: 7/25/2023

Response Date: 8/25/2023

Question 02:

Section II, Background, last sentence of paragraph two, first sentence of paragraph 3: Are the future electrical needs based on “Load Interconnection” applications? What is the electrical demand based on? Does SCE build infrastructure based on future projections?

Response to Question 02:

SCE does not utilize a document termed “Load Interconnection application”; however, when customers request service, SCE intakes data from the customer that includes such things as customer information, location, load schedules of connected electrical equipment, and the phasing of the proposed development. This data is one of several inputs considered when developing forecast electrical demand. Examples of data considered in determining the electrical needs of an area include:

- most recent year peak demand
- load growth allocations from current IEPR forecast
- historical load growth trends
- local-area knowledge of customer/developer projects (data intake from customer requests)
- applicable loading projections under extreme weather (e.g., 1-in-10 year heat storm)

Each of the categories of information listed above informed SCE’s electrical demand forecasts for the Cal City Substation 115 kV Upgrade Project.

SCE has an obligation to serve the electrical needs of customers, both present and future, and when future needs cannot be accommodated with existing infrastructure, SCE then proposes upgrades and/or new infrastructure to meet the customer demand.