

DOCKETED

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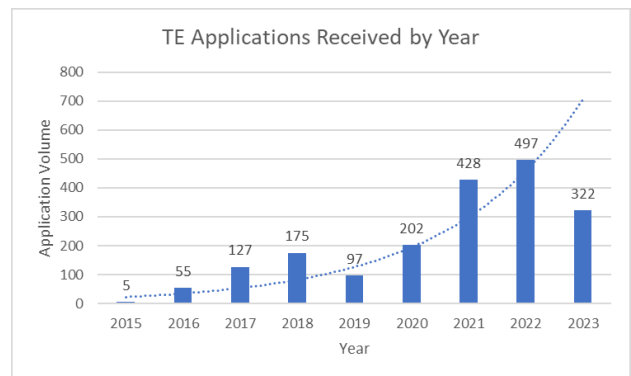
In the questions below (1-3), SCE assumes that the questions are related to transportation electrification (TE) projects and does not include non-TE load type projects.

1. Number of customer service/energization applications by rule (R2/15/16, R29/45) by year for the last 10 years?

SCE Response:

We have included the following table below summarizing the TE applications received over the last 9 years (since 2015). Unfortunately, SCE’s historical datasets have not consistently captured the application by Rule type and are limited to the last nine years. Therefore, we are not able to provide a breakdown of TE projects by the Rule type, but instead provide the aggregate total of all application types.

Year	Service Applications
2015	5
2016	55
2017	127
2018	175
2019	97
2020	202
2021	428
2022	497
2023*	322
* Year to date	



2. Number of applications by rule that require upgrades by year for the last 10 years?

SCE Response:

Unfortunately, SCE’s historical datasets have not consistently captured which applications have required grid upgrades. As discussed above, SCE’s historical datasets have also not consistently captured the application by Rule type and are limited to the last nine years. Therefore, we have included the following table below, which provides the requested information for the applications for which SCE’s datasets capture whether grid upgrades were required or not. For these applications, this table summarizes the number of sites energized each year over the last 9 years (since 2015) and identifies how many of these required grid upgrades.

Based on our readily available information, including Rule 15-line extension upgrades, our analysis estimates that approximately 82% of TE projects that were energized required upgrades.

Year	Sites Energized	Upgrade Required	%
2015	0	0	N/A
2016	11	9	82%
2017	15	12	80%
2018	19	16	84%
2019	62	51	82%
2020	64	52	81%
2021	79	65	82%
2022	75	62	83%
2023	56	46	82%
		Total	82%

3. Average size of applications by year and number of large load (>2MW) applications by year?

SCE Response:

Unfortunately, SCE has not consistently tracked the application sizes for requests less than 0.5 MVA. However, SCE has tracked the sizes of those applications seeking to interconnect load sizes of 0.5 MVA or greater due to the higher likelihood of those applications creating a grid impact requiring upgrades. Therefore, SCE has provided a summary of those applications seeking to interconnect 0.5 MVA or larger, including the corresponding average size of those applications received per year since 2021.

Year	Project Count	Average(MVA)
2021	221	1.15
2022	309	1.65
2023*	305	2.41

**Includes applications up to Sept 2023*

In addition, included below is a summary of those applications that are greater than 2 MVA per year since 2021.

Projects >2MVA	
Year	Count of Projects > 2MVA
2021	50
2022	99
2023*	123

**Includes applications up to Sept 2023*