

# SMUD Grid Capacity Evaluation

Converting your appliances from gas to electric or adding new electric vehicle charging infrastructure may require upgrades to transformers and conductors on the utility side of the meter. The capacity of SMUD's infrastructure should be evaluated prior to purchasing equipment or starting construction.

## Requester Information

I am requesting a courtesy evaluation of SMUD's transformer capacity at this location.

I understand this form and evaluation is for informational purposes only and does not initiate SMUD's construction application process or guarantee capacity is available for my project at time of construction.

Using appropriate load calculations, I understand that if the existing transformer is used for the proposed project, the maximum load of the proposed project must remain below the transformer's remaining capacity. I am responsible for any damages to SMUD equipment due to overloading.

I understand that SMUD's transformer serving my proposed project may also serve other properties and loads.

Assuming no new loads other than my proposed project are added to the transformer, "Remaining Capacity" reported in this Grid Capacity Evaluation may remain valid for 6 months. Changes to or increases in load from any source after the date of this evaluation will nullify the results reflected below.

*For evaluation requests with multiple meters, attach a list of the additional meters along with the submission of this form.*

Requester signature	Email address
Print Name	Date

## Project Site Information

Project Name and Description	Project Site Address, City and Zip
	Meter Number

**Return completed form to [ElectrificationPrograms@smud.org](mailto:ElectrificationPrograms@smud.org).**

**SMUD will provide a preliminary grid capacity evaluation within 7 to 10 business days after submission.**

## SMUD USE ONLY

Transformer Number	Transformer Size	Transformer Voltage	Net Anticipated Peak kW Contribution (Summer/Winter)	Peak kW Load	Remaining Capacity	Transformer has Capacity
			Summer (June, July, August)			<input type="checkbox"/> Yes
			Winter (December, January, February)			<input type="checkbox"/> No
			Summer (June, July, August)			<input type="checkbox"/> Yes
			Winter (December, January, February)			<input type="checkbox"/> No
			Summer (June, July, August)			<input type="checkbox"/> Yes
			Winter (December, January, February)			<input type="checkbox"/> No

## Notes



## SMUD Grid Capacity Evaluation *continued*

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### What happens after this evaluation?

Depending on the status of the transformer serving this meter, you will have several paths:

- 1) If a transformer upgrade is not needed and the project can be performed without increasing the panel main breaker rating, you are free to perform the project. Note that an electrician must be consulted to determine the adequacy of the panel and main breaker for proposed projects. SMUD cannot determine these things.
- 2) If a transformer upgrade is not needed but the project requires a panel rewire, panel replacement or new service:
  - If your new panel is 200 amps or less, you can call our commercial contact center at 877-622-7683 and request a "rewire".
  - If your new panel is larger than 200 amps, you will need to **submit an application** to our Design and Construction Services. Call 916-732-5700, or email **Design.Construction@smud.org**.

For more information go to **smud.org/Construction**.

- 3) If a transformer upgrade is required, submit a deposit and application to SMUD's Design and Construction services. Depending on how we serve the property (overhead or underground), our linework and construction costs may be at the your expense.

For more information go to **smud.org/Construction**

Visit **smud.org/GoElectricBiz** for building electrification incentives and **smud.org/DriveElectricBusiness** for electric vehicle charging incentives.

If you have any questions on completing this form, contact **ElectrificationPrograms@smud.org** or call 916-732-5095.

