

Go Electric Business Incentives

Do you have questions on SMUD's incentives? Good news! You don't have to figure it out yourself – please don't hesitate to call the program line at 916-732-5095 or email one of the programs below.

Express Energy Solutions (EES)

If you know what you want for your business, and have a qualified installer or if you are a contractor, apply online at smud.org/EES. EES offers incentives up to \$20,000, incentives greater than \$5,000 require preapproval and incentives can not exceed project cost. Contractors can join the contractor instant rebate program for higher preapproval limits. To get started, email Express.EnergySolutions@smud.org.

Complete Energy Solutions (CES)

Small and mid sized businesses who need help selecting equipment and identifying installers can request a complementary site assessment to include energy efficiency, electric vehicle charging, Automated Demand Response and Go Electric recommendations. The CES energy advisor will support your project from site assessment to installation and will pay incentives. Details on the Complete Energy Solutions program can be found at smud.org/CES or feel free to contact us at ces@trccompanies.com.

Integrated Design Solutions (IDS)

New construction projects, including major remodels, that involve SMUD early in design can receive Go Electric incentives. A cornerstone of IDS is early involvement so please contact SMUD before decisions are made. If you have questions, email IntegratedDesign@smud.org. A complete procedures manual is available at smud.org/IDS.

Custom Retrofit

Larger and more complex projects can request an application at CustomRetrofit@smud.org. Custom retrofit features a \$150,000 maximum incentive. All projects require approval prior to installation. If you aren't sure what qualifies, please do not hesitate to reach out to the program. A complete procedures manual is available at smud.org/Custom.

Multifamily Program

SMUD's Multifamily program can support the electrification of a single unit or an entire complex. The incentive levels for residential projects are different, program details are available at smud.org/Multifamily or email MultifamilySupport@frontierenergy.com to learn more.

Did you know — SMUD's programs include incentives to convert natural gas fired appliances to cleaner, more efficient electric heat pump and induction technologies? Ask your contractor if heat pumps are right for you.

Heat pump technologies for water and space heating

Heat pumps use a vapor compression cycle like the refrigerator in your home to move heat instead of creating heat. Properly applied, a heat pump requires about 1/3 of the energy of a gas fired appliance, and reduces carbon emissions by at least 50%.

Electrification of kitchens

Removing indoor air pollution from combustion makes electric appliances an attractive option, and as SMUD's power grid continues to increase reliance on carbon-free generation, the reduction in CO2 emissions increases every year. The magnetic field generated by an induction cooktop heats a pot or pan, but not the surrounding air. Gaining in popularity due to quick heating and precise controls, induction cooktops are sealed, easy to clean, generate no pollutants and cool rapidly when cookware is removed.



Understanding SMUD's infrastructure

During design and construction of your building, an owner's representative submitted an application that included electrical load calculations. SMUD provided a transformer and supporting infrastructure to supply the requested load which in many cases is smaller than the main breaker rating.

Some Go Electric measures like electric vehicles, kitchen equipment and electric resistance supplemental heat for heat pumps and water heaters add significant electrical loads that may exceed the transformer's capacity even if within the buildings main circuit breaker rating. If the transformer needs to be upgraded, a new-services application will be required and construction timelines can be lengthy, and upgrades will often be at the customer's expense.

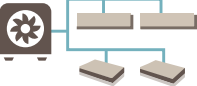

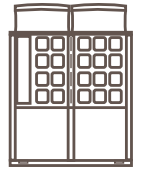


To protect your project from unplanned expenses and delays, Go Electric projects adding more than 10kW of load can request a complementary assessment of transformer capacity using the Infrastructure Capacity Evaluation form available from ElectrificationPrograms@smud.org, or from any strategic account advisor.


To locate a Strategic Account Advisor (SAA) to help you with your energy needs, call 1-877-622-7683, email StrategicAccounts@smud.org, or use the online tool at smud.org/MyAdvisor.

Heat pump space heating — commercial applications

Heat pump space heating requirements:

- All systems must satisfy Title 24 minimum efficiencies.
- Systems must serve spaces previously served by natural gas or propane heat.
- All projects must finalize the appropriate permits and submit pre and post installation photos.

Measure	Incentive	Electrical infrastructure improvement incentive	Engineering and permitting support
 Single-zone and multi-zone inverter driven heat pumps (mini split)	\$500 per ton	\$1,000 per unit	\$750 per project
 Packaged & split-system heat pumps Commercial systems 3-20 tons	\$550 per ton	\$2,000 per unit	\$750 per project
 Variable Refrigerant Flow (VRF) Variable Refrigerant Volume (VRV) Capacity greater than 6 tons. Heat pumps or heat pumps with heat recovery.	\$1,000 per ton	\$1,000 per unit	\$750 per project
 Built-up heat pump systems or heat recovery chillers	\$3,000 per ton or a custom calculated incentive		
 Customized gas to electric space heating solutions SMUD supports more complex electrification of space heating systems including water-source heat pumps, and heat recovery strategies.	CustomRetrofit@smud.org		


Measure	Incentive	Electrical infrastructure improvement incentive
 Commercial induction range	\$450 per hob	\$1,000 per unit

Heat pump water heating — commercial applications

Heat pump water heater requirements:

- All water heaters must appear on the qualified products list at <https://caenergywise.com/business-rebates/>
- Listed incentives are for gas-to-electric conversions only.
- All projects must finalize the appropriate permits and submit pre and post installation photos.

Measure	Incentive	Electrical infrastructure improvement incentive	Engineering and permitting support
 Residential-style heat pump water heater	\$1,500 per unit	\$2,000 per unit	\$750 per project
 Commercial-style heat pump water heater	\$4,000 per unit	\$2,000 per unit	\$750 per project
 Split-system heat pump water heater	\$3,000 per unit	\$1,000 per unit	\$750 per project
 Built-up heat pumps for domestic hot water	\$3,000 per ton or a custom calculated incentive		
 Customized gas to electric water heating solutions SMUD supports more complex electrification of water heating systems including water-source heat pumps, and heat recovery strategies.	CustomRetrofit@smud.org		

SMUD Infrastructure Capacity Evaluation	Contact
 Even if your panel isn't changing, increased demand from Go Electric measures can overload SMUD's transformers. Projects adding more than 10kW of new load should request a streamlined no-cost infrastructure capacity evaluation.	ElectrificationPrograms@smud.org