

SINGLE FAMILY CONSTRUCTION COSTS - ELECTRIFICATION (EXAMPLE)

Richmond gas line and meter installation (example bill)

	GAS
Total Service Costs	\$14,768.82
Residential allowance, a CPUC-approved credit applied to the cost of the job	- \$1,498.00
Advance payment credit	- \$1,500.00
Subtotal:	\$11,770.82

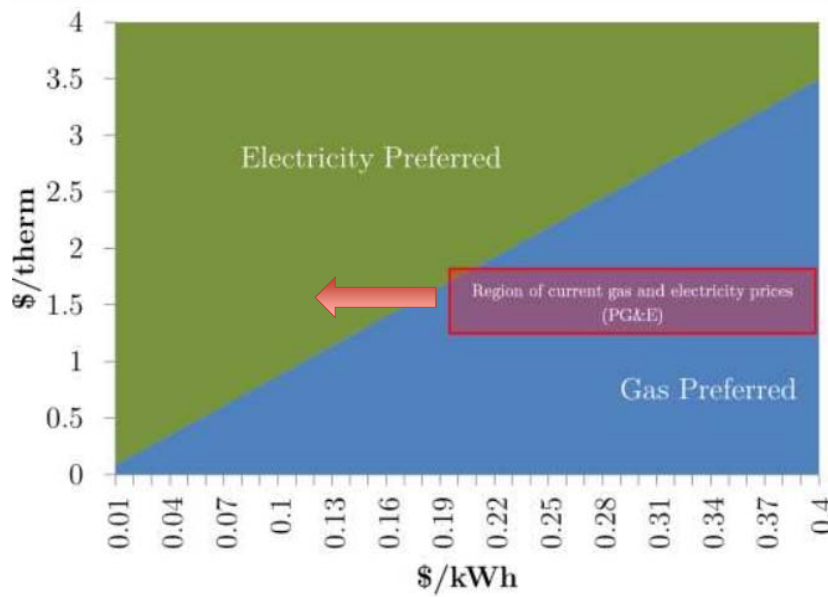
Category

Net Savings

Gas line and meter installation	+ \$ 10,000
Water heater	\$ (500)
Heating & Cooling	\$ (2,700)
Cooktop/Range	No change
Dryer	negligible
Gas plumber vs. Electrician	No change
Solar PV (GRID Alternatives)	No change

Total Project Savings: \$ 6,800

DESPITE CHEAPER UP-FRONT COSTS, RATES FAVOR GAS



Source: Sheikh, Imran. Decarbonization of Residential Space and Water Heating In CA. Research Talk, Nov., 2017

KEY TAKEAWAYS



Intersection of stakeholders around the triple bottom line = widespread benefits



Electrification can further augment ZNE and climate goals



Opportunities to reduce net lifecycle costs

