

## Customer Information

Name: John Smith  
Service Address: 123 Main St., Cupertino, CA 95014  
SVCE Account #: 0123456789  
Occupancy Status: Owner  
Household Income: \$250,000  
Rate Category: ETOUC  
Bill Discounts: None

## Home Assessment

Year Built: 1965  
Square Footage: 3,000  
Stories: 2  
Bedrooms/Bathrooms: 5 bed / 3.5 bath  
Garage: Attached  
Number of Occupants: 2  
Main Service Breaker Size: 125 amps  
Service Feed: Underground – PG&E will need to assess for panel upgrade  
Peak Load (previous year): 5.17 kWh, 21.54 amps  
Home Insulation: Unknown – have HVAC contractor assess insulation levels  
HVAC Ducting: Ducted  
Electric Vehicle: No  
Solar & Battery: No  
Pool & Spa: No  
Permit Information: [Cupertino](#) / 408.777.3200 / [permitcenter@cupertino.org](mailto:permitcenter@cupertino.org)

### Notes and Customer Interests/Goals:

2100 sq ft prior to rebuild upgraded to 3000 sq ft livable area.  
Interests: Use of clean, renewable energy to power highly efficient appliances for home use (HVAC, kitchen, hot water)

## Go Electric Recommendations & Estimated Costs

		Existing	Go Electric Recommendation	Priority	Est. Upfront Cost*	Est. Cost After Incentives*	Learn More (click link to open)
	Panels & Circuits	125-amp main electrical panel. No 240-volt circuits to water heater, HVAC, cooktop	<b>200-amp panel (check with PG&amp;E on electric service upgrade needs &amp; costs); 3 240-volt circuits to water heater, HVAC, cooktop</b>	1	\$3,000 (panel) \$4,000 (service upgrade, if req.) \$2,500 (wiring)	\$400 (panel) \$2,082 (service upgrade, if req.) \$0 (wiring)	<a href="#">Electrical Basics</a> <a href="#">Panel Upgrades</a> <a href="#">Pros &amp; Cons</a> <a href="#">Circuits &amp; Wiring</a>
	Electric Vehicle	None	<b>Explore EV's and charging options at <a href="#">SVCE EV Assistant</a></b>	--	--	--	<a href="#">EV Buyer's Guide</a> <a href="#">EV Assistant</a> <a href="#">EV Charging 101</a>
	Cooktop & Range	Gas cooktop, 5-burner, electric oven	<b>Induction</b> <i>(Requires induction compatible cookware. If it's magnetic, it works!)</i>	4	\$2,000	\$1,950	<a href="#">Buyer's Guide</a> <a href="#">Pros &amp; Cons</a> <a href="#">Installation</a> <a href="#">Cooking Demo</a>
	Clothes Dryer	Electric	<b>Consider a <a href="#">heat pump dryer</a> in the future if replacing your current electric dryer.</b>	--	--	--	<a href="#">Buyer's Guide</a> <a href="#">Pros &amp; Cons</a> <a href="#">Installation</a>
	Water Heater	Gas	<b>Heat pump water heater, 65-80 gallon</b>	2	\$7,500	\$0	<a href="#">Buyer's Guide</a> <a href="#">Pros &amp; Cons</a>
	Heating & Cooling	Gas	<b>Heat pump HVAC system, 5-ton 60,000 BTU, variable speed</b>	3	\$17,000 (Price may vary depending on one or two air handlers)	\$6,750 (any all-electric & whole-home bonuses/incentives are included here)	<a href="#">Buyer's Guide</a> <a href="#">Pros &amp; Cons</a>
	Solar & Battery	None <i>Note: will need panel upgrade to accommodate</i>	<b>2.7 kW rooftop solar system 13.5 kWh battery</b> <i>(Based on actual usage data for home.)</i>	5	\$7,980 (solar) \$13,500 (battery)	\$5,586 (solar) \$7,425 (battery)	<a href="#">Learn About Solar</a> <a href="#">Learn About Battery</a> <a href="#">Get Quotes &amp; Install</a>

\*The costs listed above are estimates only. We recommend getting at least 3 quotes. [See example costs for Bay Area.](#)

## Rebates, Incentives & Contractors

Program	Item	Amount	Instructions & Contractors
<a href="#">PG&amp;E Electric Service Upgrade Allowance</a>	Electric Service (if upgrading electric service for a panel upgrade)	\$1,918	Contact PG&E at 1-877-743-7782 for your request. Representatives are available Monday-Friday 7a.m. - 6p.m.
<a href="#">SVCE FutureFit Homes</a>	Panel Upgrade	\$1,000	<ol style="list-style-type: none"> <li>1. Submit <a href="#">Rebate Reservation</a></li> <li>2. Review <a href="#">Appliance Specs</a></li> <li>3. <a href="#">Find a Contractor</a></li> <li>4. Complete project</li> <li>5. Submit <a href="#">Rebate Claim Form</a></li> </ol>
	Heat Pump Water Heater	\$2,000	
	Heat Pump HVAC	\$2,500	
	Circuits (3 @ \$500 each)	\$1,500	
	All-Electric Bonus	\$500	
<a href="#">BayREN Home+</a>	Heat Pump Water Heater	\$400	Must use a <a href="#">BayREN contractor</a> to receive rebate.
	Heat Pump HVAC	\$400	<i>Cannot be combined with CA Energy-Smart Homes incentives.</i>
	Induction Cooktop	\$250	Apply in <a href="#">BayREN rebate portal</a>
<a href="#">TECH Clean California</a>	Heat Pump Water Heater	Up to \$7,300	Must use a <a href="#">TECH-enrolled contractor</a> to receive rebates.
	Heat Pump HVAC	\$1,000	
<a href="#">CA Energy-Smart Homes Whole Building Electrification</a>	Whole-Home Incentive	\$4,250	<a href="#">Online Application</a>
	Electric Infrastructure Upgrade Bonus (\$1,000 per unit served)	\$3,000	<i>Cannot be combined with BayREN Home+ incentives.</i>
<a href="#">SVCE Induction Cooktop Reward</a>	Induction Cooktop	\$50	Must purchase from <a href="#">SVCE Appliances Assistant</a> ; <a href="#">Terms &amp; Conditions</a>
<a href="#">PG&amp;E Self-Generation Incentive Program</a>	Battery Storage	Varies, 15-20% of the average battery cost	Please work with your installer to <a href="#">submit an application</a> . <a href="#">Get Quotes &amp; Install</a>
<a href="#">Golden State Rebates</a>	Heat Pump Water Heater	\$900	<a href="#">Verify eligibility online</a> Consult with contractor about applying for incentive.
<a href="#">SVCE Solar+Battery Assistant Incentive</a>	Panel Upgrade (if upgrading panel for battery)	\$1,000	Use the <a href="#">SVCE Solar+Battery Assistant</a> to get matched with an installer.
<a href="#">Federal Tax Credits</a>	Panel Upgrade	30%, up to \$600	Consult with your tax advisor
	Heat Pump Water Heater	30%, up to \$2k	
	Heat Pump HVAC	30%, up to \$2k	
	Solar	30%	After seeking professional tax advice and ensuring you are eligible for the credits, you can complete and attach <a href="#">IRS Form 5695</a> to your federal tax return (Form 1040 or Form 1040NR). <a href="#">Solar &amp; battery tax credit info</a>
	Battery Storage	30%	

Contractor Tips and Tools: [Tips For Hiring a Contractor](#); [Find My Licensed Contractor](#)

## Operational Energy Savings & Payback

Because electric appliances and equipment are more efficient to run, they may help lower your overall energy bill. The following resources and tools explain how much you can save.

[EV & Home Charging Savings Calculator](#)

[HP Clothes Dryer Savings & Benefits](#)

[Induction Cooktop Savings](#)

[Heat Pump Water Heater Savings](#)

[Heat Pump HVAC Savings Calculator](#)

[Solar & Battery Calculator](#)

## Maximizing Your Home's Energy-Efficiency

Ask your contractor(s) about the following improvements to help you save money. Or contact us for a free virtual energy audit to assess your home's efficiency and discuss steps you can take!

### HVAC

- Smart thermostat & programming
- Insulation (wall, attic)
- Air sealing (doors, windows)
- Duct sealing
- Ceiling fans & portable heaters

### Plumbing & Irrigation

- Faucet aerators
- Low-flow showerheads
- Pipe & tank insulation
- Watering schedule
- Pool/spa pump schedule

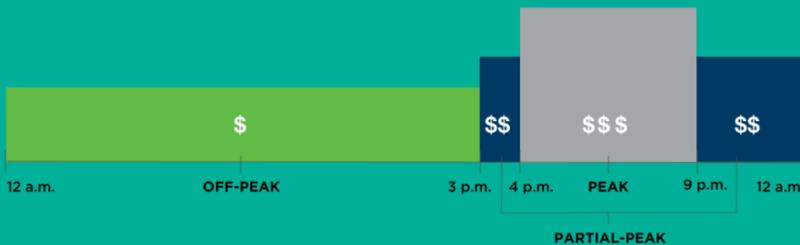
### General/Electric

- Caulking & gaskets
- Smart controls & switches
- LED bulbs
- Window upgrade
- Curtains & blinds

## Rate Plan Incentives

### SVCE E-ELEC Rate

E-ELEC, or "Electric Home", is a residential electricity rate designed to support home electrification. Homes with a heat pump (water heater or HVAC) and/or an electric vehicle (EV) qualify for the E-ELEC rate. Shifting major electricity use to off-peak hours (12 a.m. – 3 p.m.) will result in cheaper electricity rates and an increased discount from SVCE. To enroll in the E-ELEC rate, visit "manage your rate plan" on your PG&E account homepage.



### SVCE Net Energy Metering (NEM) Program

A special meter tracks the difference between the amount of electricity your solar panels produce and the amount of electricity you use during each billing cycle. When your panels produce more electricity than you use, you receive a credit on your bill. And if your credits add up to \$100 or more, you'll receive a check from SVCE in April, up to a maximum of \$5,000. SVCE customers may sign up for the NEM program [through PG&E](#), and will be automatically served by SVCE's NEM program. [Learn how to read your solar bill.](#)

### PG&E Electric Vehicle Rates

If you drive an electric vehicle (EV), you can lower your energy costs by enrolling in an EV rate plan. See if an EV rate plan can save you money with the [PG&E EV Savings Calculator's rate tool.](#)

## Learn From Others Who Have Gone Electric

Electric Home Ambassador Program: Get in touch with someone who has done similar projects.

SVCE Electric Showcase Awards: Learn about how your neighbors are going electric.

## Customer-Provided Photographs



