



1023 College Avenue Redlands, CA 92374

Home Energy Investment Report

Submission Date: 06.23.19

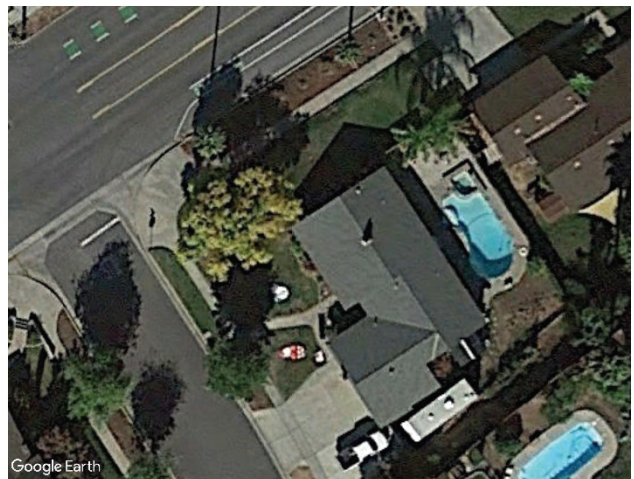


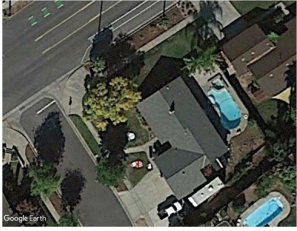
Your Home Information

College Avenue Redlands, CA 92374

below is a summary of the data that we used to formulate our recommendations for your home energy investments.

- *Approx. age of home: 25 years old*
- *Approx. s.f. of home: 2,000*
- *Electric Utility: SCE*
- *Roofing Material : Composition Tile*
- *Roof Age Approximately: 10 years old*
- *Estimated Annual Electricity use: 12,000 kWh*
- *Main Service Panel : Never updated*
- *Swimming Pool*
- *Swimming Pool Size: 20,000 Gallons*
- *Dual Speed Pump*
- *My Central Heating and Air is approx. 20 years old*
- *Anticipate adding one electric vehicle in approx. 8 months.*





Recommendations in order of priority for College Ave. Redlands

We have reviewed the information and would like to provide the following objective recommendations in the order that would benefit you most.



1

REPLACE EXISTING BULBS WITH LED

Replacing your existing light bulbs (Those that are on for more than 4 hours /day) with LED equivalent bulbs from a well known manufacturer ensuring a long lasting good quality light. This is probably the easiest and most effective thing you can do yourself to lower your energy bills.

ESTIMATED "BREAK EVEN" PAYBACK 6 MONTHS.

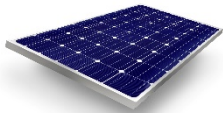


2

VARIABLE SPEED POOL PUMP

Replacing your existing single or dual speed pool pump with a variable speed pump. When you are moved to the new TOU rates make sure you take advantage of the low cost times of day to run that pump. This is not a DIY install cost range between \$900 to \$1,300 plus installation – your "simple payback" on this investment can be as short as 12 months. .

ESTIMATED "BREAK EVEN" PAYBACK 12 MONTHS.



3

SOLAR (PHOTOVOLTAIC)

Adding a solar Photovoltaic system to your roof will be an effective way to substantially reduce your electricity bills. See a more detailed estimate of the size and location of the solar system we recommend. If you would like we can provide you with multiple vetted installers. See next page for details.

ESTIMATED PAYBACK 6 YEARS.



4

HVAC REPLACEMENT

Your air conditioning system is at the end of its lifecycle and replacing it with a new much more efficient system is potentially your best investment.



5

BATTERY STORAGE

install a battery back up system.

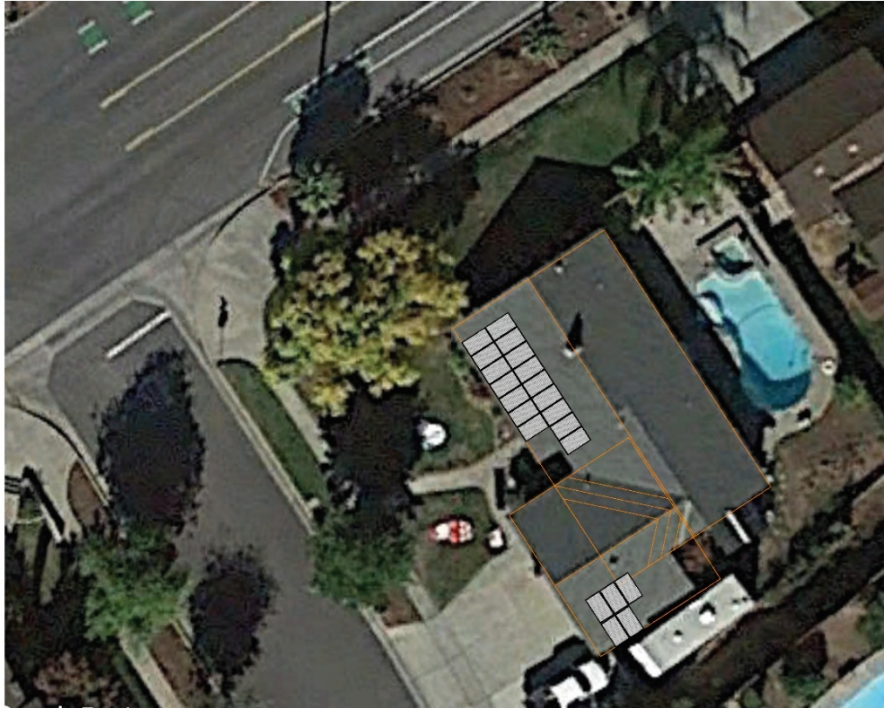
we would only recommend a system to back up your critical loads in case of a utility failure. using battery storage for arbitrage is not economically feasible currently. .



current current personalized recommendations



SOLAR Photovoltaic Details



current current recommends a 6kW Roof Mounted Solar system.

Based on the information provided your roof is only 10 years old and is therefore just young enough to be compatible with the solar system.

Your home has two potential shading issues with existing trees but the use of micro inverters or dc optimizers can help mitigate any production losses.



NEXT STEPS



1

*Respond to the email that contained this report to authorize current current to provide your **anonymous** information to multiple installers.*

2

Review installer information and initial quotes - authorize current current to release your contact information to installers of your choice. Set up site visits and receive custom quotes.

3

review quotes from multiple vendors. Come to agreement and sign contract.

Start saving!



Potential incentives

College Avenue Redlands, CA 92374



Electric Utility: Southern California Edison

- Solar: Federal Investment Tax Credit 30% .
- Storage (Battery) : SGIP (Self Generation Incentive Program)
- Variable Speed Pool Pump Rebate | Up to \$200
- Smart Thermostat Rebates | Up to \$150



SoCalGas

A Sempra Energy utility

Gas Utility: Southern California Gas Co

- Home Upgrade Incentives: up to \$1,300



More Information on incentives here:
www.dsireusa.org



Energy Upgrade California
www.energyupgradeca.org