


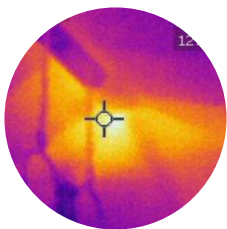
Success Story:

Lowering Energy Costs 40% and Increasing Property Value

HOME FACTS	SAVINGS SNAPSHOT
Size: 2,400 sq. ft.	Improvement Costs (\$20,190)
Location: Whittier, CA	Money Back \$6,737
Year built: 1957	Increased Equity \$45,000
Style: Ranch	Net Gain \$18,073



A family of five in Whittier, CA couldn't figure out why their utility bills were so much higher than their neighbors'—about \$6,800 annually for electricity and gas. In addition, one of the children suffered from respiratory problems, making indoor air quality a particular concern. These issues were resolved by a smart set of energy upgrades that not only slashed energy costs and improved health, but increased the home's resale value.



Thermal imaging was used to find air leaks and insulation problems.

Problems They Discovered

- Diagnosis through a comprehensive home energy assessment revealed that 50% of their home's heated and cooled air was leaking through unsealed and uninsulated openings!
- Leaks, holes and poorly connected ducts were losing over 20% of the air moving through the old heat pump's duct system, creating higher energy costs and decreasing comfort.
- A 30-year-old furnace was inefficient. Making things worse, one of the burners wasn't firing, creating unsafe health conditions.



Improvements That Transformed Their Home

- **Insulation:** Attic and wall insulation along with air sealing throughout the home eliminates drafts and leaks, saves energy, and keeps temperatures even and comfortable.
- **Furnace and AC:** A new, high-efficiency heating and cooling system saves on utility bills.
- **Duct system:** A new air-balanced ducting system delivers warm and cool air efficiently, and includes venting to keep fresh air circulating.
- **Lighting:** 22 energy-efficient ceiling lights save energy and money.
- **Programmable thermostat:** A touch-screen device ensures that the system is efficient and runs less frequently when the occupants are asleep or away from home.

UPGRADES THAT PAY YOU BACK

IMPROVEMENT COSTS

Energy assessment	\$250
Attic and wall insulation upgrade with air sealing	\$6,030
Shower valves	\$100
Heating and AC system with duct enhancements	\$12,110
Pool pump upgrade	\$1,600
Weatherstripping	\$100
	(\$20,190)

MONEY BACK

Rebate from Energy Upgrade California®	\$4,500
Annual utility bill savings	\$2,237/yr
	\$6,737

INCREASED EQUITY

Before upgrades	\$720,000
After upgrades	\$765,000
	\$45,000

NET GAIN **\$18,073**

Please Note: Energy Upgrade California® rebate amounts may have changed. Please check TheEnergyNetwork.com for the latest information. A 6% increase in the home's value is attributable to energy upgrades. This estimate resulted from a professional appraisal of the home by John C. Carlson with Debra Little.

