



Case Study: Cornett Home

Energy Audit Date:

March 2007

Pre-audit Annual Energy Consumption:

16,350 kWh, 800 Therms

Post-action Annual Energy Consumption:

5,500 kWh, 700 Therms

**Year Built:** 1920

Home Size: 2116 ft²

Contractors:

1. Go Tankless
2. Namaste Solar

Linda Cornett is very conscious of her overall energy use. Her Boulder home requires a fraction of the energy it once demanded after a series of practical improvements. Listed measured here (below) are only the most recent steps since having a home energy audit in 2007.

Energy Efficiency**Measures Installed:**

1. Tankless Water Heater
2. Attic Insulation
3. Solar Photovoltaic Array

Future Energy Efficiency**Measures Planned:**

1. Basement/Crawlspace Insulation

Total Measure Cost:

\$19,735

Annual Savings:

\$1,250

Estimated Payback Period and Return on Investment:**Investment:**

Payback: 15.8 years

Return on Investment: 6.3%

**Reduced CO2 Emissions:**

22,110 lbs CO2

Over the years Linda has adopted many small changes too. She employs: power strips for her electronics, compact fluorescent light bulbs, Low-E window film, Xeriscaping, clothes drying rack when possible, and drives a Toyota Prius, just to name a few. Combines with the most recent upgrades, her home is not only more efficient, but much more comfortable.

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