

# Energy Upgrade California

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# Agenda Tonight

- Quick Survey
- Overview of Home Energy Consumption
- What is Energy Upgrade and How to Participate?
- What is an Energy Assessment?
- Questions and Answers

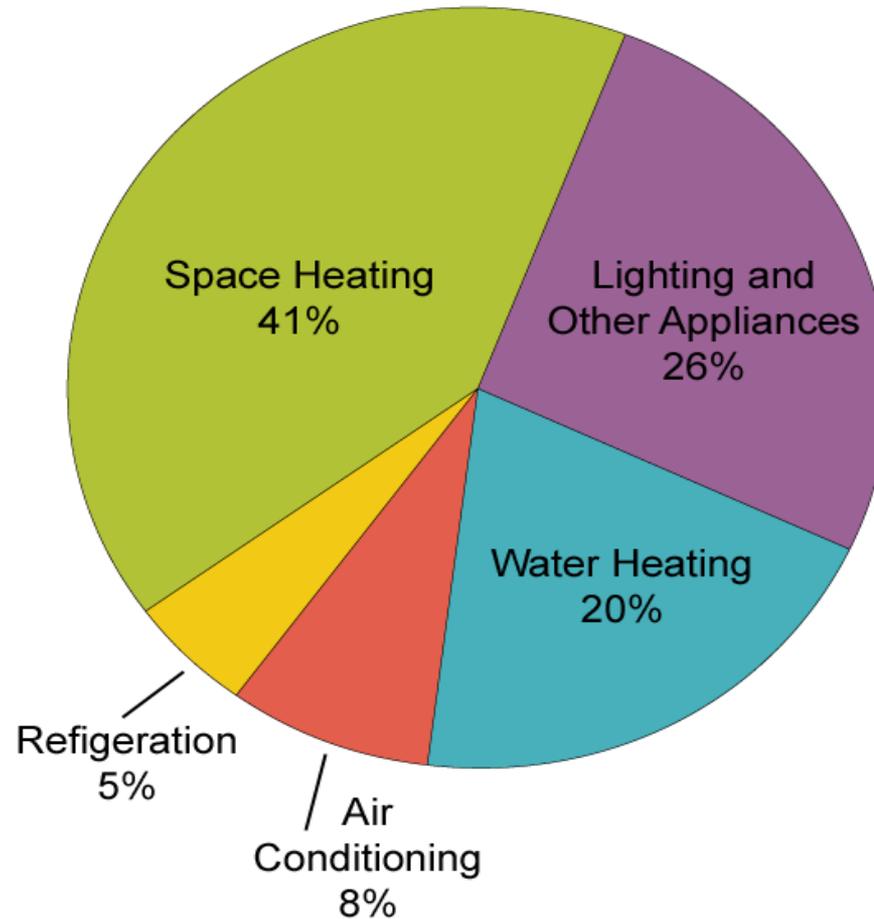
# Survey by Show of Hands

- How did you hear about the workshop tonight?
  - Robo Call
  - News
  - Word of Mouth
  - Flyer
- Did you know about Energy Upgrade before this workshop?
- Are you a Menlo Park Resident?
- Have you received a home energy assessment before?

Reduce energy use. Save money. Create jobs.



# How Energy is used in Homes



Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey 2005*.

# Case Study: Morgan Hill

- Over 40 home energy audits
  - Average spent on energy \$2,096/year
  - 8,185 kWh/year
  - 570 Therms/year



# Case Study Continued...

- Major Findings:
  - Over half had:
    - Duct leakage over 20% (even newer homes designed to meet state energy code standards)
    - Significant air leakage to the outside
    - No insulation in crawlspace
    - Low furnace efficiency
- Range of savings expected from upgrades \$400-\$1,400 year
- Cost for upgrades between \$3,500-\$10,000





# What is Energy Upgrade California?

- Program designed to provide incentives for homeowners to make energy efficient upgrades
- Funded by American Recovery and Reinvestment Act of 2009 and PG&E
- Statewide pilot program to increase home efficiency and create jobs



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# What is Energy Upgrade California?

- Funding disbursed to regional areas in California for program implementation
- Some cities and counties offer extra incentives
- Two packages to choose from Basic or Advanced

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# Basic Package Details

- Currently up to \$3,000 if project is completed by February 15, 2012
- Does not require an energy assessment
- Upgrades include:
  - air sealing
  - attic insulation
  - duct sealing
  - Insulation of hot water pipes
  - low-flow shower heads
  - carbon monoxide detector and combustion safety testing

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# Advanced Package Details

- Currently up to \$10,000 available if project is completed by February 15, 2012
- Requires an energy assessment.
  - \$300 rebate available
- Allows more customized energy saving upgrades, such as furnace or air conditioner upgrades.

Energy Efficiency Improvement	Incentive
15%	\$5,000
20%	\$6,000
25%	\$7,000
30%	\$8,000
35%	\$9,000
40%	\$10,000

# What if your Project is Completed after February 15, 2012?

- Basic Package Rebate Reduced to \$1,000
- Advanced Package Rebate Reduced to up to \$4,000
- Menlo Park provides energy assessment rebate
- Must be completed by December 31<sup>st</sup>, 2012

Energy Efficiency Improvement	Incentive
15%	\$1,500
20%	\$2,000
25%	\$2,500
30%	\$3,000
35%	\$3,500
40%	\$4,000

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# Program Rules and Tips

- The contractor that does your energy assessment must also be the contractor that performs the work
- Before scheduling the assessment, get an estimate what you might be doing.
- Contractor does handle all rebate paperwork

# How to Participate

- Visit [www.EnergyUpgradeCA.org](http://www.EnergyUpgradeCA.org)
- For the advanced package, schedule an energy assessment that will provide a report of your home's energy performance and eligible rebate upgrades.
- Select upgrades you want to make.
- The participating contractor performs the work and completes the rebate paperwork.
- You get your check in the mail (6-8 weeks)



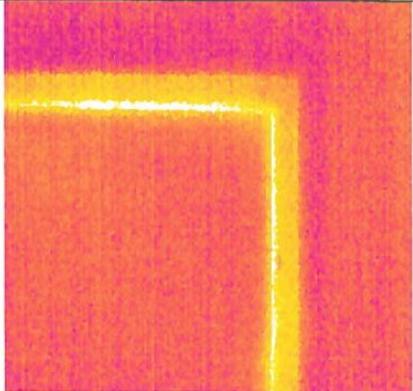
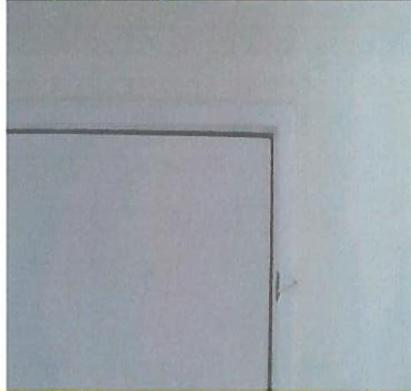
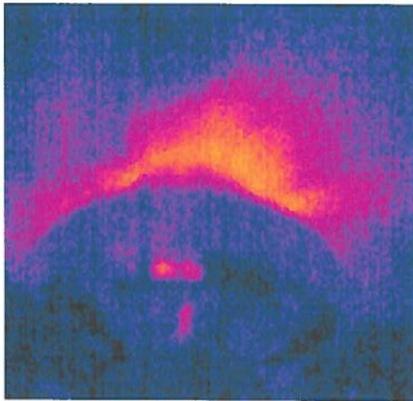
# What is an Energy Assessment?

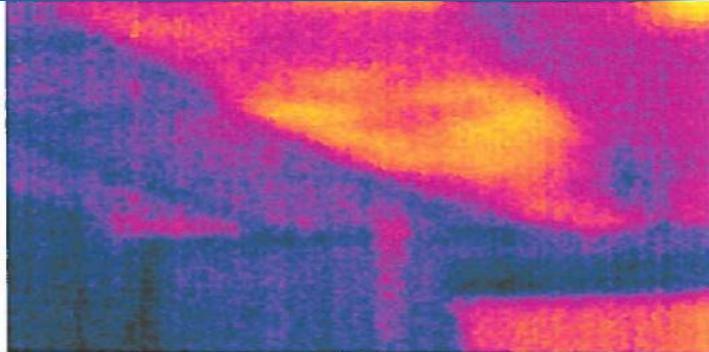
- Measure of your home's energy performance
- Tests air leakage of your duct system and building envelope



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**QUESTIONS?**