



Efficiency First! @ Home

First Presbyterian Church

July 23, 2009

7:00pm to 8:00pm

AGENDA

- ❖ **Community Energy Partnership Overview**
- ❖ **Energy Saving Tips**
- ❖ **Energy Saving Programs**
- ❖ **Questions & Answers**



PROGRAM OVERVIEW

- **Energy Efficiency Education**
- **Save Resources**
 - **Electricity**
 - **Gas**
 - **Water**
- **Reduce Utility Bills**
- **Increase Comfort & Safety**
- **Promote Cities as Leaders in Energy Efficiency**

PROGRAM COMPONENTS

- **Smart Energy Management Education**
- **Distribution of Energy Efficient Products**
- **Promotion of Utility & City Programs**
- **Residential Direct Installation**
- **Municipal Energy Efficiency Actions**

San Bernardino Community Activities since 2004

- Community Events = 53
 - # of CFLs = 16,714
 - # of faucet aerators = 1,272
 - # of showerheads = 402
 - # of torchieres exchanged = 1,195
- 1,170 Tune-Ups
- Total annual savings
 - kWh savings = 3,369,280
 - therms savings = 25,416

What does this save the community?

 **525,500** annual energy savings

The GHG Emissions saved through these technologies is equivalent to:



• The energy use of over **150** homes annually

OR



• Removing over **300** cars off of the road



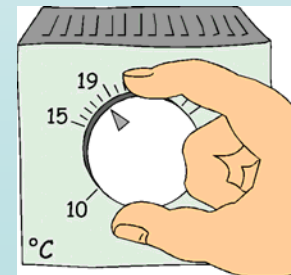
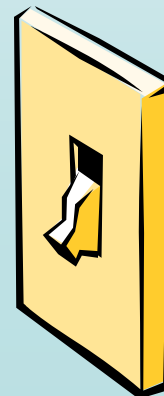
What is Energy Efficiency?

- Energy Efficiency = Using technologies to reduce overall energy consumption

VS.



- Energy Conservation = modification of consumption patterns to reduce overall energy consumption



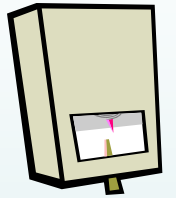
Steps to saving energy, money & the environment

- Home Energy Efficiency Assessment
- No cost/low cost modifications
- Energy Efficient Retrofits (when appropriate)
- Education to household
- Ongoing behavior



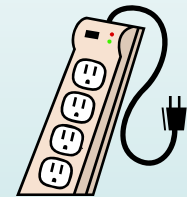
Do It Yourself Tips!

- Set your thermostat to 78-80°F on hot days and to 69°F on cold days.
- Keep rooms cool by closing window shades and using fans.
- Replace incandescent light bulbs with compact fluorescent light bulbs (CFLs).
- Install low-flow products



Additional tips

- Turn your water heater down to 120°.
- Use major appliances before 12pm and after 6pm.
- Unplug unnecessary electrical appliances or plug into power strip.
- Buy ENERGY STAR products when replacing older ones.
- Keep the freezer full to keep neighboring food frozen. A bag of ice can help.

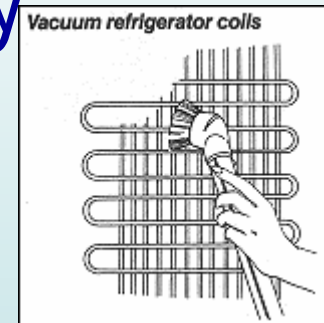


Maintenance tips

- Regular maintenance of your most expensive appliances lengthens their life and keeps them running efficiently

- CLEAN

- Refrigerator coils once/year



- REPLACE

- HVAC filter every three months



What will you receive tonight?

Great stuff to jump start your energy savings!

- Reusable Bag
- Two 23 Watt CFLs
- Two Low-flow faucet aerators
- One Low-flow showerhead
- Energy Tips Magnet
- Energy saving program information



Home Energy Efficiency Tune-Ups

- A one-stop energy efficiency retrofit and educational service to help you save energy and money on your utility bills. *Available through August 31st.*
- Available to San Bernardino residents only
- Up to \$250 in direct services
- Must be above low-income threshold

STEP BY STEP TUNE-UP PROCESS

Step 1. Assessment



Licensed independent contractors make an appointment to come to your home and assess your potential energy savings.

Step 2. Tune-Up



Contractors install energy saving products, such as low-flow showerheads, fluorescent light bulbs, weather stripping, and more.

Step 3. Identify further savings



Contractors recommend additional energy saving improvements you can make to your home and refer you to other energy- and money-saving utility programs.

Halogen Lamp Exchange

ATTN: All San Bernardino Residents:

FREE Lamp Exchange!

WHILE SUPPLIES LAST!

Where? Distribution Point:
Tombyll Plastics
236 West Orange Show Lane
(909) 381-4700

Why Trade? Save  Cut your energy usage by 70%, while saving up to \$250.
Be Safe  Halogen lamps burn as hot as 1,000°F and are responsible for hundreds of fires.

How?

STEP 1 Gather all of your halogen torchiere floor lamps and electronic waste (e-waste).

STEP 2 Drop off lamp(s) and e-waste at Tombyll Plastics through December 31st, anytime between 8am to 4pm Monday thru Friday. No appointment needed. Closed on holidays.

STEP 3 Receive a FREE energy efficient fluorescent floor lamp for each halogen floor lamp you bring in, while supplies last. Fluorescent lamps are limited to the color choice of Satin Nickel.

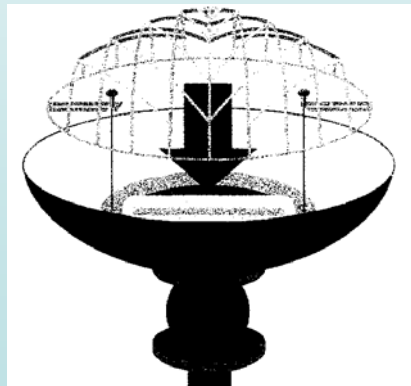
- Must be a Southern California Edison customer to participate.
- Only floor lamps with halogen light bulbs will be accepted.

This program is funded by California utility ratepayers and administered by Southern California Gas Company and Southern California Edison, under the auspices of the California Public Utilities Commission.

For any questions, please call (800) 968-5203 or email partnership@energycoalition.org



Trade in your dangerous Halogen Lamp and Electronic Waste for a FREE fluorescent model!!



Halogen bulb

Utility Customer Programs


- ❖ There are several programs available to you as a **Southern California Edison (SCE) & Southern California Gas Company** customer.
- ❖ All programs must be applied to individually.
- ❖ You pay for them so you should take advantage of them!

Income Qualified Programs

Maximum Household Income		
# of Persons in Household	CARE, EMA, DAP	FERA
1 – 2	up to \$30,500	Not Eligible
3	up to \$35,800	\$35,801 - \$44,800
4	up to \$43,200	\$43,201 - \$54,000
5	up to \$50,600	\$50,601 - \$63,200
6	up to \$58,000	\$58,001 - \$72,400
each additional person	\$7,400	\$7,400 – \$9,200

These income limits are effective from June 1, 2009 to May 31, 2010



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- Medicaid/Medi-Cal – Under 65
 - Medicaid/Medi-Cal – **65 or older**
 - Healthy Families A & B
 - Women, Infants, and Children Program (WIC)
 - Temporary Assistance for Needy Families (TANF) or Tribal TANF
 - Food Stamps/SNAP
 - Low Income Home Energy Assistance Program (LIHEAP)
 - Supplemental Security Income (SSI)
 - National School Lunch's FREE Lunch Program (NSL)
 - Bureau of Indian Affairs General Assistance (**BIA GA**)
 - Head Start Income Eligible - **Tribal Only**

The Gas Company Income Qualified Programs

- **California Alternative Rates for Energy (CARE)**
- **Direct Assistance Program (DAP)**
- **Gas Assistance Fund (GAF)**
- **Medical Baseline Allowance**
- **Third Party Notification**

SCE Income-Qualified Programs

- **California Alternative Rates for Energy (CARE)**
- **Family Electric Rate Assistance (FERA)**
- **Energy Management Assistance Program (EMA)**
- **Energy Assistance Fund**
- **Medical Baseline Allocation**

SCE Residential Programs available to all customers

- Home Energy Efficiency Rebates
 - ➔ Refrigerator
 - ➔ Whole House Fan
 - ➔ Pool Pump
 - ➔ Air Conditioning Units
- Refrigerator and Freezer Recycling
- A/C Tune-Up
- Online Energy Survey



Southern California Gas Company Programs for all Customers

- **Instant Rebates on qualified:**
 - ➔ Clothes washers
 - ➔ Dish washers
 - ➔ Natural Gas Water Heater
- **Mail-in Cash rebates**
- **Tankless Water Heater Rebate Program**
- **Home Energy & Water Efficiency Survey**



Federal Tax Credits for Energy Efficiency

- Home Energy Efficiency Improvement Tax Credits
 - tax credit for 30% of the cost
 - up to **\$1,500**
 - 2009 through 2010
 - See EnergyStar.gov for a complete summary
- 30% Tax Credits are also available for renewable installations (i.e. Solar Panels)



Steps to saving energy, money & the environment

✓ Home Energy Efficiency Assessment

- Tune-Up
- Online Survey

✓ No cost/low cost modifications

- Install products from today
- Torchiere exchange
- behavior

✓ Energy Efficient Retrofits

- Rebates
- Incentives
- Tax Credits

✓ Education to household

✓ Ongoing behavior



For Additional Training & Education



- **Customer Technology Application Center (CTAC)** www.sce.com/ctac
- **Energy Resource Center (ERC)** www.socalgas.com/business/resourceCenter/ercOverview.html

Websites



- **SCE Programs**
www.sce.com
- **The Gas Company Programs**
www.socalgas.com
- **Community Action Partnership of San Bernardino County**
www.co.san-bernardino.ca.us/csd/
- **Energy Star**
www.energystar.gov

QUESTIONS & ANSWERS

Any questions



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