



Efficiency First! @ Home

Presentation

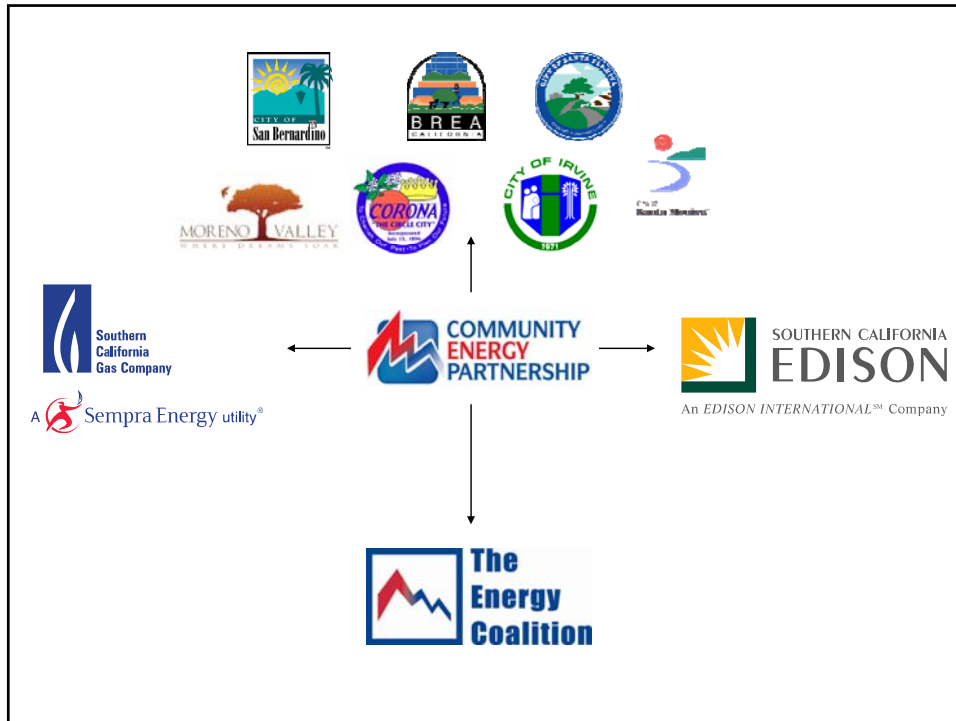
Bank of America
October 20, 2009

A blue horizontal bar with a white and pink mountain range graphic on the left side. The word "AGENDA" is written in green, bold, sans-serif capital letters in the center of the bar.

AGENDA

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





What we do and why...

Efficiency First!

Energy Efficiency Education

- Save Resources
 - ➔ Electricity
 - ➔ Gas
 - ➔ Water
- Reduce Utility Bills
- Increase Comfort & Safety



How we promote Efficiency First!

Smart Energy Management Education

Distribution of Energy Efficient Products

Promotion of Utility & City Programs

Residential Direct Installation

Municipal Energy Efficiency Actions



Most Recent Brea Community Activities

- Torchiere Lamp Exchange at City
- Residential Energy Efficient Tune-Ups
- Brea Big Bite Expo
- Brea County Fair
- Ongoing CFL distribution at Brea Historical Museum



What does this save the community?

 **136,000** annual energy savings

The GHG Emissions saved through these technologies is equivalent to:

 •The energy use of over **38** homes annually

OR

 •Removing over **77** 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



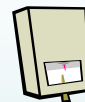
Steps to saving energy, money & the environment

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



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



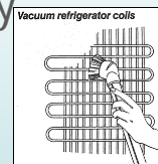
Additional tips

- 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 did you receive today?

Great stuff to jump start your energy savings!

- Two 23 Watt CFLs
- 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 October 31st.*
- Available to Brea 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.



Utility Customer Programs

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



SCE Residential Programs available to all customers

- Online Energy Survey **FREE**
- Home Energy Efficiency Rebates
 - Refrigerator **\$50**
 - Whole House Fan **\$50**
 - Pool Pump **\$200**
 - Air Conditioning Units **\$50**
- Refrigerator and Freezer Recycling
- Lighting Products **Price Discounted**



**FREE
Pickup &
\$50 CASH**



Southern California Gas Company Programs for all Customers

- Home Energy & Water Efficiency Survey **FREE**
- Instant Rebates on qualified:
 - Clothes washers **\$35**
 - Dish washers **\$30**
 - Water Heater **\$30**
- Mail-in rebates on qualified:
 - Tankless Water Heater **up to \$200**
 - Furnace **\$200**
 - Insulation **\$0.15/sq.ft.**



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
 - behavior
- ✓ Energy Efficient Retrofits
 - Rebates
 - Tax Credits
- ✓ Education to household
 - ENERGY STAR
- ✓ Ongoing behavior
- ✓ Self Generation
 - Incentives and tax credits available



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



Southern California Edison Programs
www.sce.com

Southern California Gas Company Programs
www.socalgas.com

ENERGY STAR
www.energystar.gov

Flex Your Power
www.fypower.org



QUESTIONS & ANSWERS

Any questions



Laurel Faulkner, LEED AP O+M
lfaulkner@energycoalition.org
949-701-4646, x21

www.communityenergypartnership.org

