



SOUTHERN CALIFORNIA  
**EDISON**

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# "Sweet Dreams Are Made of This"

## *Opportunities Presented by Utility Public Benefit Funds*

Gene Rodrigues  
Director, Energy Efficiency  
Southern California Edison

February 24, 2003







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# ***Background***

- Edison in the Energy Efficiency “Business” Since Late 1970s
  - Programs funded through customer rate surcharge
  - Subject to approval and adoption by the California Public Utilities Commission
- Recent History of California Public Purpose Funds
  - In 1998, a public goods charge instituted for all customers based on consumption to fund public purpose programs



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## ***Background continued***

- Funding levels for public purpose programs predetermined by state legislators
- Energy Efficiency part of the public purpose programs (other programs include low income, renewables, RD&D)
- CPUC sets forth energy efficiency policy direction and provides program oversight
- Investor-owned utilities collect and administer energy efficiency programs within their respective service territories

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## ***Background continued***

### ■ Allocation of 2003 Funds

**-Statewide PGC Funding Level -- \$202,000,000**

**-Edison PGC Funding Level -- \$66,395,000**

Residential New Construction:	\$ 5,000,000
Residential Retrofit:	\$15,295,000
Nonresidential New Construction:	\$ 8,900,000
Nonresidential Retrofit:	\$24,100,000
Cross-cutting:	\$ 9,750,000
Statewide Marketing:	\$ 3,350,000

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## ***Background*** continued

- California Energy Crisis – AB970
  - Construction of New Power Plants
  - Larger Investment in Energy Efficiency and Conservation
  - Expeditiously Reduce Peak Electricity Consumption
  - California Energy Commission (CEC) conducted emergency rulemaking leading to amendments to the California Building Efficiency Standards (Title 24)

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# ENERGY STAR®

## ■ ENERGY STAR® New Homes Partner Since 1998

- Edison's Long-Standing Commitment to Promote the Benefits of Energy Efficiency
- Increased Customer Awareness Due to Energy Crisis
- Resulted in Increased Demand for ENERGY STAR®

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# ENERGY STAR®

## ■ California Investor-Owned Utilities (IOU)

- Margin needed changing due to revisions to California's Building Energy Codes (Title 24)
- Minimum Standards for ENERGY STAR® in CA Increased to Exceed New Title 24 Baseline
  - 15% Better Than Title 24
  - Up to 50% Better Than 93 MEC
- 2002 California ENERGY STAR® New Homes Program (CESNHP)
  - Meeting the needs of the building industry, regulatory community, and homeowners through one consistent statewide program
  - 11,529 Single Family Units
  - 9,900 Multifamily Units



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# ***HERS***

## ■ Emphasis in New Construction

### -Need For Robust HERS Industry

- 164,000 Single and Multifamily Housing Starts in 2002
- Forecasted Increase of 3.6% in 2003
- CA Building Activity Represents 9.5% of National Total

### -CEC-Approved HERS Providers for Title 24 Verification and Diagnostics

- Duct leakage, reduced air infiltration, ACCA Manual D Duct Design, duct surface area, ducts in conditioned space, refrigerant and airflow testing, Thermostatic Expansion Valves (TXV)
- 5,500 Homes Verified For Compliance in 2002

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## ***HERS continued***

### **-ENERGY STAR® Verification**

- Only Performed By CEC-Approved HERS Providers
- Perform Verifications on Measures Specified to Meet EPA Program Requirements
- Over 21,000 ENERGY STAR® Homes Statewide in 2002

### **-Rater Industry**

- California Home Energy Efficiency Rating System (CHEERS) Only CEC-Approved Provider
- 300 Raters Statewide
- Areas With 95% of Building Activity Have At Least One Rater Per Jurisdiction (over 500 Building Departments)

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## ***For More Information***

- California ENERGY STAR ® New Homes Program

Michelle Thomas (626) 302-8994, Southern California Edison

*Michelle.Thomas@sce.com*

- HERS Rater Information

Tom Hamilton, CHEERS, (818) 407-1500

*Thamilton@CHEERS.org*

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