SOUTHERN CALIFORNIA EDISON
An *EDISON INTERNATIONAL* Company

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June 3, 2002

Ms. Zenaida Tapawan-Conway
Energy Division
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Re: A.99-09-049 and R.01-08-028
Southern California Edison Company's
2002 Energy Efficiency Programs First Quarter Report

Dear Ms. Tapawan-Conway:

Enclosed is Southern California Edison Company's 2002 Energy Efficiency Programs First Quarter Report. Please note that by letter dated May 7, 2002, Wesley Franklin granted a request for extension until June 1, 2002 to submit this report. Since June 1 fell on a Saturday, it is being submitted today.

If you have any questions or require additional information, please call me at the number below.

Very truly yours,

Christa Piantadosi

cc: Parties on the service lists for A.99-09-049 and R.01-08-028 via e-mail

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Enclosure(s)

An *EDISON INTERNATIONAL* Company

(U 338-E)

Application No. 99-09-049
Rulemaking No. 01-08-028

Southern California Edison Company's 2002 Energy Efficiency Programs First Quarter Report

June 3, 2002

Southern California Edison

2002 Energy Efficiency Programs
First Quarter Report

Section 1: Executive Summary

Introduction

During the first quarter of 2002 Southern California Edison Company (SCE) continued its pursuit of energy efficiency through a variety of avenues. The California Public Utilities Commission (CPUC) extended the existing 2001 programs through the first quarter of 2002 with limited program funds. SCE continued to offer these energy efficiency programs with restrictions on scope imposed by limited funding for this period. These programs continued to respond to potential energy supply shortages and high prices for electricity by focusing program efforts on maximizing energy savings and demand reductions potential for all customers. The CPUC has provided SCE, and other California investor-owned utilities with the flexibility to modify program design and funding levels to optimize the program portfolio's potential. With these program modifications in place, along with reduced program levels directed by the CPUC, SCE has achieved 36 million kilowatt-hours (kWh) of net annualized energy savings and 4.5 megawatts (MW) of net demand reductions in the first quarter of 2002.

Residential

During the first quarter of 2002, SCE continued to aggressively pursue the marketplace with a variety of programs. These programs included the very successful home efficiency rebates, refrigerator recycling, residential audits, and mass market information programs. Even with reduced funding, SCE was able to achieve approximately 8,100 megawatts hours (MWh) of net annualized energy savings and 1.8 MW of net demand reductions.

Nonresidential

Southern California Edison Company continued to make significant programmatic changes to the nonresidential portfolio. One of the most significant changes was elimination of two program which were not performing as effectively as other programs. These programs included the upstream heating, ventilation and air-conditioning (HVAC) pilot and the motor turnover program. Available funding was redirected to other programs producing more immediate energy and demand savings. SCE continued its very successful Summer Initiative Light Emitting Diode (LED) traffic signal rebate offering through Express Efficiency. The Standard Performance Contract program was also continued to implement the simplified application process with excellent success. As a result, the nonresidential program category produced approximately 23,000 MWh of net annualized energy savings and 1.5 MW of net demand reductions during the first quarter of 2002.

New Construction

In the nonresidential market, SCE continued to offer the very successful Savings By Design program. Although the new construction activities have a much longer lead-time before buildings are constructed, these programs capture significant lost energy savings opportunities. In the residential market, SCE significantly reduced funding in the residential sector. In the residential new construction market, SCE closed the program to new participants and focused on maintaining existing program participants. During the first quarter of 2002, these programs

achieved approximately 5,700 MWh of net annualized energy savings and 1.1 MW of net demand reductions.

Statewide and Crosscutting
SCE, along with other investor-owned utilities, continue to coordinate programs on a statewide basis. For 2002, key strategies were employed under the statewide programs by various utilities, including SCE, that are uniquely designed to optimize energy and demand savings within certain regions.

Market Assessment and Evaluation
Activity in the first quarter focused on the continuation of studies initiated in 2001 but not yet completed. No new studies were completed in the first quarter.

The utilities and the California Measurement Advisory Council (CALMAC) also undertook significant efforts to assign lead responsibility, identify advisory teams, and begin drafting the scope of work for each of the four CPUC-required study areas for 2002 (the Evaluation, Measurement and Verification Master Contract, the Saturation/Potential Study, the Best Practices Database, and the Deemed Savings Database).

Information on all Program Year 2001 studies and on the two Program Year 2000 studies planned for completion in 2002 is provided in the accompanying spreadsheet tables (See, Section 7).

Summer Initiative
In 2002, SCE continued to oversee various offerings under the Summer Initiative implemented during 2001. These Summer Initiatives include: Residential Refrigerator Recycling, Pool Efficiency Program, Light Emitting Diode (LED) Traffic Signal Rebate Program, Campus Energy Efficiency Project, Hard To Reach Program, Beat The Heat, and California Oil Producers Electric Cooperative and selective third party initiatives.

Section 2: Residential Program Area

Southern California Edison Company's (SCE) residential programs promote the use of energy-efficient measures by consumers. The specific programs include: Residential Heating and Cooling, Residential Lighting, and Residential Appliances and Residential Retrofit and Renovation.

Residential Heating & Cooling Systems

(for detail see A.00-11-043, p. C-5)

SCE's Residential Heating & Cooling Systems program consists of a comprehensive, coordinated set of strategies focused largely on increasing homeowner awareness of energy efficiency opportunities. Energy and cost savings in this market are achieved through: (1) increased availability and promotion of higher efficiency equipment at the time of equipment replacement by suppliers; (2) reductions in the search costs of customers in the market for efficient replacement equipment; (3) improved equipment sizing and installation practices, particularly for central air conditioners and heat pumps; and (4) ongoing proper operation and maintenance of heating, ventilation, and cooling (HVAC) systems.

Program Elements

ELEMENT NAME	ELEMENT ACTIVITY
Residential Audits	See below
CHEERS	See below
Mass Market Information	See below
Emerging Technologies	See Crosscutting Programs
CTAC/AGTAC Energy Centers	See Crosscutting Programs
Third Party Initiatives	See Crosscutting Programs

Residential Audits

(for detail see A.00-11-043, p. C-7)

Program Element Summary

Residential energy surveys take various forms such as mail-in, in-home, phone, or online and provide customers (including moderate income) or their children (e.g., school-based audits) with energy efficiency information to help them reduce their energy bills. The surveys also provide a segue for offering other energy efficiency products and services such as residential rebates and retail outlets that feature ENERGY STAR® qualified products. Marketing and promotion strategies include the ENERGY STAR® Mobil Education Unit, e-mail promotions, direct mail, bill messages or inserts, print media advertising, Internet, local governments, phone centers, and ethnic, trade, and community associations.

In light of the immediate need to reduce energy consumption by all customers and including residential, SCE experienced a high demand for energy surveys in 2001. Faced with this high demand, SCE aggressively promoted its on-line survey to enable more customers to participate in the program.

Activities, Accomplishments, Market Progress, & Modifications

- In 2002, customers completed over 1,000 mail-in, in-home, phone and online surveys representing approximately 370 MWh of net annualized energy savings.

The results from SCE residential audits for the first quarter are:

Survey	Completed Audits	Net MWh	Net MW
In-Home	756	327	0.07
Mail-In	40	5	0.00
Phone	229	35	0.01
Online	0	0	0.00
Total	**1,025**	**367**	**0.08**

Residential - California Home Energy Efficiency Rating System Program

(for detail see A.00-11-043, p. C-13)

Program Element Summary

Existing Homes

This program supports the California Home Energy Efficiency Rating System (CHEERS), which is a nonprofit, home energy rating service currently offered to the residential retrofit market. Owners of existing homes can obtain a CHEERS rating for a subsidized fee that will evaluate the current energy efficiency of the home. CHEERS will then make recommendations on cost-effective ways, for the buyer or seller, to improve the efficiency of the home and will link the homeowner to beneficial financing via an energy-efficient mortgage (EEM). Additionally, CHEERS offers a variety of audit and energy evaluation tools for the existing home, that are not as comprehensive as the traditional CHEERS rating, but provides a wealth of information to the homeowner.

New Construction

CHEERS also plays a vital role in the residential new construction market. CHEERS is the only California energy Commission (CEC) certified Home Efficiency Rebates (HERS) provider which allows them to conduct Title 24 compliance inspections on certain heating, ventilation, and air-conditioning (HVAC) related measures, as well as serving as the only California HERS provider for EPA ENERGY STAR® compliance support. CHEERS has a critical role in the utility delivered programs by facilitating inspections, and maintaining the web-based CHEERS Registry that serves as a tracking system for utility programs and ENERGY STAR® Homes participants. CHEERS also conducts training in support of the new Title 24 requirements, resulting from AB970.

Activity, Accomplishments, Market Progress, & Modifications

- No activity in this program area during the first quarter of 2002.

Mass Market Information

(for detail see A.00-11-043, p. C-16)

Program Element Summary

Residential Mass Market Information is an energy efficiency information and education program designed to give customers the power to better manage their home energy costs. The program provides general energy efficiency information to customers and other market actors through the following intervention strategies: Internet, multi-language Energy Guides, ENERGY STAR® Mobile Education Unit, coordination with local governments, and an energy efficiency awareness campaign during summer peak months.

Information is provided in a two-page "Quick Tips" Energy Guide that includes suggestions on how customers can conserve energy usage along with references to energy efficiency programs available to them. These Energy Guides are available in English, Spanish, Korean, Chinese, and Vietnamese.

Activity, Accomplishments, Market Progress, & Modifications

Outreach through the first quarter included 46 visits by the ENERGY STAR® Mobile Education Unit (MEU), targeting hard-to-reach customers who learned about energy efficiency and were provided copies of Energy Guides and rebate program information.

- Total number of customer contacts: 11,606
- Total number of days in rural communities: 9
- Total number of days in Hispanic or Asian communities: 30
- Total number of residential Energy Guides distributed: 4,182

Residential Lighting

(for detail see A.00-11-043, p. C-17)

Southern California Edison Company's (SCE) Residential Lighting program seeks to transform specific components of the market for residential lighting products through a coordinated set of program elements. The program's integrated efforts build consumer awareness and market demand for energy-efficient lighting products by working with the supply side of the product chain to make efficient lighting products more readily available to consumers.

Program Elements:

ELEMENT NAME	ELEMENT ACTIVITY
Residential Lighting	See below
Residential Audits	See Residential Heating & Cooling Systems Program
Mass Market Information	See Residential Heating & Cooling Systems Program
CHEERS	See Residential Heating & Cooling Systems Program
CTAC/AGTAC Energy Centers	See Crosscutting Programs
Third Party Initiatives	See Crosscutting Programs

Residential Lighting

(for detail see A.00-11-043, p. C-19)

Program Element Summary

The Residential Lighting Program seeks to transform the market for residential lighting products through a comprehensive set of market interventions that are coordinated statewide. The program focuses on three main areas: (1) enhancing the manufacture and competitive pricing of high quality energy-efficient lighting products; (2) enhancing the distribution and marketing of energy-efficient lighting products through established retail channels to consumers; and (3) building consumer understanding of how to purchase and use energy-efficient lighting products.

The current program increased financial incentives to manufacturers to immediately reduce the price of energy efficient lighting products to residential customers and reduced emphasis on retailer training and education. The program also includes torchiere exchange activities. In events held throughout SCE's service territory, customers are offered a new energy efficient torchiere lamp in exchange for their existing torchiere lamp.

Activity, Accomplishments, Market Progress, & Modifications

- During the first quarter of 2002, utilities supplemented all program activity with the approved use of SBX1 5 funds earmarked for energy efficiency. Activity in this area that was funded through the SBX1 5 contract is separately reported to the CPUC.

Residential Appliances

(for detail see A.00-11-043, p. C-24)

Southern California Edison Company's (SCE) Residential Appliances program seeks to transform specific components of the market through a comprehensive and coordinated set of market interventions. The program is comprised of upstream and downstream marketing and financial incentives. These efforts provide consumers who are making planned or emergency replacement appliance purchases with information on the economic and environmental benefits of purchasing energy-efficient equipment. SCE's program promotes the ENERGY STAR® label, and helps consumers identify sources for ENERGY STAR® products.

Program Elements:

ELEMENT NAME	ELEMENT ACTIVITY
Residential Refrigerator Recycling	See below
Residential Appliance	See below
Residential Home Efficiency Rebate	See below
Residential Audits	See Residential Heating & Cooling Systems Program
Mass Market Information	See Residential Heating & Cooling Systems Program
CHEERS	See Residential Heating & Cooling Systems Program
CTAC/AGTAC Energy Centers	See Crosscutting Programs
Third Party Initiatives	See Crosscutting Programs

Residential Refrigerator Recycling

(for detail see A.00-11-043, p. C-26)

Program Element Summary

Early Retirement and Recycling - educates and provides direct incentives to consumers for eliminating highly inefficient refrigerators and freezers from the market place.

Activity, Accomplishments, Market Progress, & Modifications

- For the first quarter of 2002, the program collected over 5,000 units, and distributed over 300 units of compact florescent lamps, representing a total of over 6,000 MWh of net energy savings and 1.0 MW of demand reduction.

Residential Appliance

(for detail see A.00-11-043, p. C-29)

Program Element Summary

The Residential Appliance program was designed to transform the market for residential appliances through a comprehensive set of market interventions that are coordinated statewide. This program is designed to increase the purchase and availability of ENERGY STAR® qualified refrigerators and room air conditioners.

The overall strategy for achieving its mission is to create an active functioning market in which all market actors understand the benefits of energy-efficient appliances and consider them properly when making purchasing decisions. The program will promote ENERGY STAR® room air conditioners and refrigerators in conjunction with upcoming changes in appliance standards (July 2001) and SCE's Home Efficiency Rebate program.

Based on experience gained from previous program implementation and in-store promotions, the program relies on agencies such as community-based organizations and other outreach strategies to assist retailers with in-store promotions.

Activity, Accomplishments, Market Progress, & Modifications

- This program was not offered during the first quarter of 2002.

Residential Home Efficiency Rebate (HER)

Program Element Summary

With the increasing focus on providing "Californians with opportunities to control energy usage and reduce consumption" resulting in energy savings, the Home Efficiency Rebates (HER), modeled after the Express Efficiency Program, provides financial incentives directly to consumers who purchase and install a number of energy-efficient appliances and products.

To maximize the number of participating customers, rebates for single-family homes previously offered by the Residential Contractor Program have been transitioned to HER program. This program makes financial incentives available for the purchase of home appliances and equipment that provide the greatest energy savings.

Measures in HER include:

- ENERGY STAR® qualified Central Air Conditioner
- ENERGY STAR® qualified Central Heat Pump
- ENERGY STAR® qualified Thermostat
- Attic Insulation
- Wall Insulation
- High Performance Windows

- Whole House Fan
- Evaporative Cooler
- ENERGY STAR® qualified Room Air Conditioner

Activity, Accomplishments, Market Progress, & Modifications

- During the first quarter of the year, the HER program maintained the strong momentum developed during the 2001 program year due to the following:
    - Successful marketing campaigns
    - Media focus on and promotion of programs as a solution to rising utility bills and the energy crisis
- Established partnerships with the major retailers
- As a result, the program achieved over 1,100 MWh of net annualized energy savings achieved or committed.
- Approximately $ 426 thousand in rebates were paid or committed.
- Several gas related energy efficiency measures were transferred from the Southern California Edison company program to the Gas Company for direct sponsorship
- Rebates on refrigerators were eliminated from the program due to changes in efficiency standards

Residential Retrofit & Renovation

(for detail see A.00-11-043, p. C-35)

Southern California Edison company's (SCE) Residential Retrofit & Renovation program seeks to transform efficiency markets by simultaneously increasing market demand for energy efficiency services, strengthening service capability, and supporting introduction of new energy service products. An integrated program to address this market offers the potential of being more efficient, synergistic and effective than a combination of programs defined by end-users, technologies or intervention strategies.

Program Elements:

ELEMENT NAME	ELEMENT ACTIVITY
Residential Contractor	See below
Residential Audits	See Residential Heating & Cooling Systems Program
Mass Market Information	See Residential Heating & Cooling Systems Program
CEEREEE	See Residential Heating & Cooling Systems Program
CHEERS	See Residential Heating & Cooling Systems Program
Emerging Technologies	See Crosscutting Programs
CTAC/AGTAC Energy Centers	See Crosscutting Programs
Third Party Initiatives	See Crosscutting Programs

Residential Contractor

(for detail see A.00-11-043, p. C-37)

Program Element Summary

The Residential Contractor Program (RCP) features two distinct elements: Single-Family (SF-RCP) and Multifamily (MF-RCP).

Single-Family Element. The SF-RCP applies to single-family homes, condominium dwelling units, small-attached apartments (e.g., duplex, four-plex) and mobile homes. The element promotes heating, ventilating, and air conditioning (HVAC) services, and delivers the program through contractors approved for the program.

Multifamily Element. The MF-RCP applies to apartment dwelling units, and common areas of mobile home parks, condominiums and apartment complexes. The element is designed to foster energy efficiency improvements, using a performance-based standard performance contract offering similar to the Small Business Standard Performance Contract program.

Activity, Accomplishments, Market Progress, & Modifications

- For RCP-MF, all first quarter program activity was SBX 1 5 funded, including contractor payments and participating contractors completing approved SBX-funded projects.

- RCP-MF SBX 1 5 accomplishments are reported separately to the CPUC.
- RCP-SF maintained and serviced existing customer commitments from 2001.

Section 3: Nonresidential Program Area

Southern California Edison Company's (SCE) nonresidential programs include: Small Nonresidential Comprehensive Retrofit; Large Nonresidential Comprehensive Retrofit; Nonresidential HVAC Equipment Turnover; Nonresidential Motor Turnover; Nonresidential Process; and Nonresidential Renovation & Remodeling. These programs are designed to: improve the level of retrofit energy-efficient investments in small and large commercial, industrial and agricultural end-users; transform the market for new HVAC equipment and replacement motors, increase the level of energy efficiency process overhauls; and increase the level of energy efficiency investment in the nonresidential remodel market.

Small Nonresidential Comprehensive Retrofit

(for detail see A.00-11-043, p. D-5)

The Small Nonresidential Comprehensive Retrofit program is designed to increase the level of retrofit efficiency investments among small commercial, industrial, and agricultural end-users. The program's elements target distinct opportunities in the retrofit market arising from predominant end-uses among small customers.

Program Elements

ELEMENT NAME	ELEMENT ACTIVITY
Small Business Energy Survey	See below
Small/Medium Energy Management Services	See below
Small Nonresidential Mass Market Info.	See below
Agricultural/Pumping Services	See below
Express Efficiency	See below
Sm/Med Nonresidential Standard Performance Contract	See below
Small Business Pilot-Space Rental Upgrade	See below
Emerging Technologies	See Crosscutting Programs
CTAC / AGTAC Energy Centers	See Crosscutting Programs
Third Party Initiative	See Crosscutting Programs

Small Business Energy Survey

(for detail see A.00-11-043, p. D-9)

Program Element Summary

The Small Commercial/Industrial Do-It-Yourself Energy Survey, available in various forms such as hardcopy, on-line, and CD ROM, and provides customers with energy efficiency information to help them reduce their energy bills. The surveys also provide an opportunity to introduce other energy efficiency products and services, such as small commercial/industrial rebates and retail outlets that feature ENERGY STAR®-rated products.

Activities, Accomplishment, Market Progress, & Modifications

- During the first quarter, the program has achieved 189 online surveys and 2 mail-in surveys completed for a total of 191 surveys.

Small/Medium Energy Management Services

(for detail see A.00-11-043 p. D-11)

Program Element Summary

This program element is designed to augment other utility program elements which serve the nonresidential market by providing special services to serve the "under served" market segment which include minority and women-owned businesses. This includes:

- Promoting awareness of energy efficiency and its benefits to businesses and to specific customer trade and ethnic associations and their members. Specific targeted marketing to agricultural customers and convenience stores will be included.
- Cultivate relationships between vendors and traditionally "hard-to-reach" small business market sub-segments (e.g., non-English primary language, etc.)

Activities, Accomplishment, Market Progress, & Modifications

- During the first quarter, the Small/Medium Energy Management Services program continued to promote energy efficiency especially on harder to reach market segments.

Small Nonresidential Mass Market Information

(for detail see A.00-11-043 p. D-14)

Program Element Summary

The Energy Guide, "Smarter Business Energy Use: Saving Energy & Money", is an energy information and education tool designed to give customers information that will empower them to better manage their business energy costs.

Information is provided in a two-page "Quick Tips" energy guide that will include suggestions on how customers can conserve energy usage along with references to energy efficiency programs available to them. These revised energy guides will be available in English, Spanish, Korean, Chinese, and Vietnamese. SCE will pilot the use of kiosks for the distribution of the Energy Guides along with other delivery methods currently employed by SCE. SCE will also publish energy fact sheets on lighting, motors, HVAC, office equipment, and other energy efficiency information.

Activities, Accomplishment, Market Progress, & Modifications

- The program continued to actively promote energy efficiency programs through customer energy guides and fact sheets in a variety of languages.

Agricultural/Pumping Services

(for detail see A.00-11-043 p. D-15)

Program Element Summary

The Agricultural/Pumping Services program element is intended to influence water agencies, municipalities, agricultural, and other pumping customers to adopt preventative maintenance practices that should ultimately improve the overall efficiency of their pumping systems. This objective is accomplished through hydraulic test specialists who provide pump efficiency tests that determine overall plant system efficiency, electrical motor performance, pump hydraulics and water well characteristics.

Activities, Accomplishment, Market Progress, & Modifications

- Completed over 700 pump tests and/or inspections during the first quarter of this year.

Nonresidential Express Efficiency

(for detail see A.00-11-043 p. D-18)

Program Element Summary

The Nonresidential Express Efficiency program educates and provides direct incentives to all nonresidential customers (i.e., small, medium, and large customers) for the elimination of specific highly inefficient electrical products from use in their businesses. Express Efficiency includes choices of measures with-in the lighting, HVAC and refrigeration end-uses. The program uses a combination of customer representatives, vendors and contractors to delivery the program to the nonresidential customers.

Activities, Accomplishment, Market Progress, & Modifications

- During the first quarter of 2002, additional installations were completed resulting in net energy savings of approximately 4,700 MWh and 0.9 MW.
- SCE's Express Efficiency program for small-medium customers became fully committed by the end of the first quarter.
- Due to the overwhelming participation of cities in the prior year's Light Emitting Diode (LED) Traffic Signal programs, only one city reserved funds and made the commitment to complete their installation by May 15, producing a calculated net energy savings of 370 MWh.
- SCE will continue a similar LED Traffic Signal incentive offering through SCE's Express Efficiency Rebate program in 2002 in an attempt to capture any cities that have not incorporated LED traffic signals in their community.

Small/Medium Nonresidential Standard Performance Contract Program

(for detail see A.00-11-043 p. D-8)

Program Element Summary

The Small Business Standard Performance Contract (SBSPC) program is a performance-based retrofit program that offers financial incentives for energy efficiency measures that deliver verified energy savings at small and medium (under 500 kW demand or 250,000 annual therm usage) commercial, industrial and agricultural customer facilities. Financial incentive rates, performance measurement protocols, payment terms, and all other operating rules of the program are specified in the program procedure manual or on the utilities websites.

Activities, Accomplishment, Market Progress, & Modifications

During the first quarter, the program achieved over 770 MWh of net annualized energy savings.

Large Nonresidential Comprehensive Retrofit

(for detail see A.00-11-043 p. D-20)

The Large Nonresidential Comprehensive Efficiency Retrofit program is designed to increase the level of retrofit efficiency investments involving large commercial, industrial, and agricultural end-users. An integrated approach combining early replacement and supplemental measures across related end-uses will maximize benefits and minimize costs. The program's elements target distinct opportunities in the retrofit market arising from predominant commercial, industrial, and agricultural end-uses: heating, ventilations and air-conditioning (HVAC), lighting, motor-drive systems, and process applications. The program includes an array of intervention strategies at critical points in the decision-making process for retrofit efficiency transactions.

Program Elements

ELEMENT NAME	ELEMENT ACTIVITY
Large Nonresidential Standard Performance Contract	See below
Commercial Energy Efficiency Info. Svcs.	See below
Industrial Energy Efficiency Info. Svcs.	See below
Express Efficiency	See Small Nonres. Comp. Retrofit
Agricultural/Pumping Services	See Small Nonres. Comp. Retrofit
Emerging Technologies	See Crosscutting Programs
CTAC / AGTAC Energy Centers	See Crosscutting Programs

Large Standard Performance Contract

(for detail see A.00-11-043 p. D-24)

Program Element Summary

The Large Nonresidential Standard Performance Contracting (LNSPC) program is a statewide performance-based retrofit program that offers incentives for energy efficiency measures that deliver verified energy savings at commercial, industrial, and agricultural customers facilities. The program is a "standard offer" consisting of payment of a fixed-price incentive by the utility administrator to end users or third-party energy efficiency service providers (EESPs) in exchange for measured kilowatt-hour (kWh) energy savings achieved by the installation of an energy efficiency project at a host customer facility.

Activities, Accomplishment, Market Progress, & Modifications

- During the first quarter, the program achieved over 7,600 MWh of net annualized energy savings

Commercial Energy Efficiency Information Services

(for detail see A.00-11-043 p. D-25)

Program Element Summary

The Commercial Energy Efficiency Information Services (Commercial EEIS) program element is designed to produce a permanent change in how commercial customers make decisions about equipment purchases and operational practices. This is accomplished by educating them through direct contact where discussions center on evaluating energy choices.

Activities, Accomplishment, Market Progress, & Modifications

- Nearly 550 commercial customers were contacted to promote energy efficiency programs such as SPC and Express Efficiency.

Industrial Energy Efficiency Information Services

(for detail see A.00-11-043 p. D-27)

Program Element Summary

The Industrial Energy Efficiency Information Services (Industrial EEIS) program element is designed to produce a permanent change in how industrial customers make decisions about equipment purchases and operational practices. This program element seeks to alter the industrial customers' mindset and elevate the importance of educating customers on how to make more informed energy choices. .

Activities, Accomplishment, Market Progress, & Modifications

- Nearly 230 industrial customers were contacted to promote energy efficiency programs such as SPC and Express Efficiency.

Nonresidential HVAC Equipment Turnover

(for detail see A.00-11-043 p. D-31)

The Nonresidential HVAC Turnover program seeks to transform the market for new heating, ventilation, and air-conditioning equipment. As existing equipment nears or reaches the end of its useful life, the program attempts to influence the decision-making process used by buyers and sellers of equipment purchased and installed through the normal replacement cycle. The program seeks to raise the efficiency level of equipment specified and selected by engineers, vendors, and contractors for end-users. Also, the program will attempt to stimulate market adoption of high-efficiency controls, optimal equipment sizing, and high-efficiency operation, and maintenance practices.

Program Elements

ELEMENT NAME	ELEMENT ACTIVITY
Nonresidential Upstream HVAC Pilot	See below
HVAC Commissioning Pilot Program	See below
Standard Performance Contracting	See Large Nonres. Comprehensive Retrofit
Industrial Energy Efficiency Info. Svcs.	See Large Nonres. Comprehensive Retrofit
Com'l. Energy Efficiency Info. Svcs.	See Large Nonres. Comprehensive Retrofit
Express Efficiency	See Small Nonres. Comp. Retrofit
Emerging Technologies	See Crosscutting Programs
CTAC / AGTAC Energy Centers	See Crosscutting Programs
Third Party Initiative	See Crosscutting Programs

Nonresidential Upstream HVAC Pilot

(for detail see A.00-11-043 p. D-34)

Program Element Summary

The Nonresidential Upstream HVAC Pilot (Upstream HVAC) seeks to transform the market for nonresidential central air conditioners (a/c) and central heat pump units through an upstream financial incentive strategy for HVAC installation contractors. At the point of the equipment replacement market event, the program focuses on creating a "market pull" condition to increase penetration rates of a/c units at least one energy efficiency ratio (EER) above Title 24 building codes, installed at small and medium nonresidential customer locations. The term "small and medium" is defined as under 500 kW demand.

The program element has two main areas of focus: (1) utilization, for the program's advantage, of the historic business practices employed in the commercial HVAC equipment distribution channel; and (2) HVAC contractor-directed and assisted customer selection of high efficiency and premium efficiency central air conditioning units over standard efficiency units in emergency replacement and planned replacement opportunities.

Activities, Accomplishment, Market Progress, & Modifications

- During the first quarter funding from this program was redirected to other producing more immediate energy and demand savings.

- The program was completed in 2001 with no additional activity during the first quarter of 2002.

Nonresidential Motor Turnover

(for detail see A.00-11-043 p. D-39)

The Motor Turnover program targets intervention strategies at manufacturers, distributors, vendors, and end-users to stimulate demand and supply for premium-efficiency motors, pumps, and fans, high-efficiency motor controls, and optimal motor sizing and application. While all nonresidential end-users are eligible, the primary end-user segments are industrial and agricultural.

Program Elements

Element Name	Element activity
Nonresidential Upstream Motors Pilot	See below
Large Standard Performance Contracting	See Large Nonres. Comprehensive Retrofit
Comm'l. Energy Efficiency Info. Svcs.	See Large Nonres. Comprehensive Retrofit
Ind. Energy Efficiency Info. Svcs	See Large Nonres. HVAC Equip. Turnover
Agricultural/Pumping Services	See Large Nonres. Comprehensive Retrofit
Emerging Technologies	See Crosscutting Programs
CTAC / AGTAC Energy Centers	See Crosscutting Programs

Nonresidential Upstream Motors Pilot

(for detail see A.00-11-043 p. D-41)

Program Element Summary

The Nonresidential Upstream Motor Pilot program element (Upstream Motors) seeks to transform the market for premium efficiency three phase electric motors. This program element seeks to sustain long-term market effects by both adapting to, and changing certain industry practices and attitudes pertaining to the distributors' method of motor acquisition, stocking, ready availability and final sale of premium efficiency electric motors through traditional motor distribution channels. Upstream Motors will be accomplished through an upstream financial incentive strategy for non-original equipment manufacturer (OEM) motor distribution channel members to encourage stocking of qualifying motors.

Activities, Accomplishment, Market Progress, & Modifications

- During the first quarter funding from this program was redirected to other producing more immediate energy and demand savings.
- The program was completed in 2001 with no additional activity during the first quarter of 2002.

Nonresidential Process

(for detail see A.00-11-043 p. D-48)

This program is designed to increase the level of energy-efficient process overhauls on the part of commercial, industrial, and agricultural users. While the technical opportunities and constraints are distinct among commercial, industrial, and agricultural processes, the intervention strategies targeting barriers to energy-efficient choices are similar in all three elements.

Program Elements

ELEMENT NAME	ELEMENT ACTIVITY
Large Standard Performance Contracting	See Large Nonres. Comprehensive Retrofit
Ind. Energy Efficiency Info. Svcs	See Large Nonres. HVAC Equip. Turnover
Agricultural/Pumping Services	See Small Nonres. Comprehensive Retrofit
Emerging Technologies	See Crosscutting Programs
CTAC / AGTAC Energy Centers	See Crosscutting Programs

Nonresidential Renovation & Remodeling

(for detail see A.00-11-043 p. D-53)

The Commercial Remodeling/Renovation program seeks to increase the level of investment in energy efficiency equipment and strategies in existing buildings during nonresidential remodels and renovations. A mix of intervention strategies, each appropriate to specific circumstances, will provide energy efficiency opportunities to all customer classes pursuing facility renovation, remodel, alteration, rehabilitation, modernization, broad-scope and first time tenant improvement, and tenant change, etc. Because the preceding phrases have specific meaning to some stakeholders but are used interchangeably by others, this interpretation proposes that the broadest range of facility upgrade activities are understood to be included in this program area.

Program Elements

ELEMENT NAME	ELEMENT ACTIVITY
Savings By Design	See below
Express Efficiency	See Small Nonres. Comprehensive Retrofit
Large Standard Performance Contracting	See Large Nonres. Comprehensive Retrofit
Comm. Energy Efficiency Info. Svcs.	See Small Nonres. Comprehensive Retrofit
Ind. Energy Efficiency Info. Svcs	See Large Nonres. Comprehensive Retrofit
Emerging Technologies	See Crosscutting Programs
CTAC / AGTAC Energy Centers	See Crosscutting Programs

Savings By Design

(for detail see A.00-11-043 p. D-55)

Program Element Summary

Savings By Design is a program offering that promotes high performance nonresidential building remodeling and renovation. The program element encourages the reconstruction of energy-efficient buildings and the process seeks to permanently reduce the transaction costs associated with developing and evaluating energy-efficient design alternatives. Savings By Design will improve the comfort, efficiency, and performance of buildings by promoting an integrated team approach to design. The program provides direct benefits to all market actors and market segments, including building owners – large or small, public or private, occupant or developer – and design professionals involved in building remodeling and renovation.

Activities, Accomplishment, Market Progress, & Modifications

- During the first quarter of 2002 the renovation and remodeling component of the Savings by Design program produced over 5,000 MWh of net energy savings and 1.0 MW of demand reduction.

See Statewide Programs for further discussion of other activities completed for the Savings By Design program.

Section 4: New Construction Programs

New construction programs are developed to increase the energy efficiency of building design, as well as the efficiency of the technologies buildings employ. Prior to construction equipment efficiency for lighting, heating, ventilation, and air-conditioning can be upgraded, with supplemental equipment (primarily controls) or materials (e.g., insulation). Many of theses energy efficiency measures become too expensive to install once a structure has been completed. As a result, many of SCE's efforts are directed toward modifying customer behavior during the concept and design phases of construction.

Residential New Construction

(for detail see A.00-11-043 p. E-4)

Southern California Edison Company's (SCE) Residential New Construction program will seek to transform the residential new construction market to one in which consumers demand and the market delivers homes which are more energy-efficient than required by current code (Title 24). The program will aim to increase awareness among key market actors – including builders, consumers, lenders and third party builder allies (architects, energy consultants, subcontractors, Title 24 Consultants, and CHEERS raters). The integrated approach to this market will include increased awareness through targeted information on the financial value of efficient, quality construction, enhancement of skills through education and training, and the creation of a competitive market for efficient new homes. Implementation of these elements under the umbrella of a single program will ensure that appropriate linkages are made between efforts to influence different, but related market actors and overcome different, but related market barriers. This integration also offers the potential for greater efficiency, synergism, and flexibility in program implementation.

Program Elements

ELEMENT NAME	ELEMENT ACTIVITY
SCE-sponsored ComfortWise[sm]	See below
Emerging Technologies Showcasing	See Crosscutting Programs
CTAC / AGTAC Energy Centers	See Crosscutting Programs
Third-Party Initiatives	See Crosscutting Programs

Residential New Construction

(for detail see A.00-11-043 p. E-7)

Program Element Summary

This program has a variety of offerings ranging from incentives to education and information. SCE offered financial incentives to manufacturers to buy-down the cost of high efficiency central air conditioners (e.g., seasonal energy efficiency ratio (SEER) 14, 11.6 EER), as well as

offering "Fast Track" incentives to the air conditioning contractors. This element also contained the ComfortWise[sm]/ ENERGY STAR® Homes residential new construction program that provides builder incentives for properly sized air conditioning units, resulting from better mechanical design and installation practices; high efficiency windows; inspections and diagnostics.

Activities, Accomplishment, Market Progress, & Modifications

- During the first quarter of 2002 the ComfortWise[sm] program continued to be closed to new participants. Program activity focused on maintaining existing program participants from prior years and issuing payments for completed installations.
- During the first quarter of 2002 the "Buy-Down" program was in the process of being ramped down and was closed to new participants. Program activity focused on maintaining existing program participants and issuing payments for completed installations.

Commercial New Construction

(for detail see A.00-11-043 p. E-12)

The Commercial New Construction (CNC) program is designed to transform energy efficiency investment behavior in non-industrial, non-agricultural and nonresidential construction markets. The objective of the CNC program is to increase the energy efficiency of building design, as well as the efficiency of the technologies buildings employ. By integrating interactions between multiple end-uses and efficiency technologies, comprehensive design saves large amounts of energy and capital while improving comfort and productivity. The program's elements target distinct links in the new construction decision-making chain, reflecting differences in design activities and priorities between large and small buildings. All elements target all end-uses in commercial buildings, particularly the predominant end-uses of lighting and HVAC. Intervention strategies mix design tools and information, technical assistance, and training with financial incentives to increase supply of and demand for high-efficiency building design, equipment, and materials. Base funding for energy centers focusing on new nonresidential construction is also included in this program.

Program Elements

ELEMENT NAME	ELEMENT ACTIVITY
Savings By Design	See below
Energy Design Resources	See below
Emerging Technologies Showcasing	See Crosscutting Programs
CTAC / AGTAC Energy Centers	See Crosscutting Programs
Third-Party Initiatives	See Crosscutting Programs

Savings By Design

(for detail see A.00-11-043 p. E-16)

Program Element Summary

Savings By Design (SBD) – SBD is a statewide program element that promotes high performance nonresidential building design and construction. The program element encourages the construction and operation of energy-efficient buildings and the process seeks to permanently reduce the transaction costs associated with developing and evaluating energy-efficient design alternatives. SBD will improve the comfort, efficiency, and performance of buildings by promoting an integrated team approach to design, including a focus on system performance assurance. The program element provides direct benefits to all market actors and market segments, including building owners – large or small, public or private, occupant or developer – and design professionals involved in new building design and construction.

SBD assures the construction and operation of energy-efficient buildings by intervening to make building designs more energy-efficient, improve the efficiency of the technologies that buildings employ, provide mechanisms to evaluate program success, and permanently engender these practices in the marketplace. The SBD program element targets specific links in the construction

decision-making chain, reflecting differences in design activities and priorities between large and small buildings and various occupancies.

Activities, Accomplishment, Market Progress, & Modifications
During the first quarter of 2002 the new construction element of the Savings by Design program produced net energy savings of approximately 5,700 MWh and 1.0 MW of demand reduction.

See Statewide Programs for further discussion of other activities completed for the Savings By Design program.

Energy Design Resources

(for detail see A.00-11-043, p. E-18)

Program Element Summary
Energy Design Resources is an integrated package of design tools and information resources that promotes the design and construction of high-performance buildings. These tools are readily available and accessible to designers working in the new construction market and inherently complement the whole building approach strategies of the Savings By Design program. The program provides information resources, software tools, technology transfer, and validation of and peer recognition for designers and developers of exemplary projects that successfully incorporate principles of energy-efficient design, initiate and pilot projects, process and procedural models, and industry and academic partnerships.

Element Activities, Accomplishment, Market Progress, & Modifications
- Development of new Energy Design Resources materials was minimized in the first quarter of 2002 due to the limited funding available, however, promotion of the existing tools in the new construction market has continued.
- Updated eQUEST to include the new rates and added the ability to input custom rates.
- On-going maintenance of the Energy Design Resources website.

The following table shows number of average daily www.energydesignresources.com website visits:

January	3052
February	3185
March	3605

Industrial/Agricultural New Construction

(for detail see A.00-11-043, p. E-19)

The Industrial and Agricultural New Construction (IANC) program is designed to transform energy efficiency investment behavior for process loads in new construction and facility expansion projects. The objective of the IANC program is to optimize the energy efficiency of new and expanded industrial and agricultural process, as well as the facilities where processes are housed. Two separate program elements target process- and facility-related efficiency opportunities and decisions. While the technical opportunities and constraints are distinct, the intervention strategies targeting barriers to energy-efficient choices are similar in both elements. Each element combines specialized technical assistance, integrated design assistance and incentives, and customized financial strategies.

Program Elements

ELEMENT DESCRIPTION	ELEMENT ACTIVITY
Savings By Design	See below
Emerging Technologies Showcasing	See Crosscutting Programs
CTAC / AGTAC Energy Centers	See Crosscutting Programs
Third-Party Initiatives	See Crosscutting Programs

Savings By Design

(for detail see A.00-11-043, p. E-20)

Program Element Summary

Savings by Design (SBD) is a statewide program element that promotes high performance industrial and agricultural facility design and construction. The program element encourages the construction of energy-efficient manufacturing facilities and processes, and seeks to permanently reduce the transaction costs associated with developing and evaluating energy-efficient design alternatives. SBD will improve the comfort, efficiency, and performance of industrial and agricultural facilities by promoting an integrated team approach to design. The program element provides direct benefits to all market actors and market segments, including building owners – large or small, public or private, occupant or developer – and design professionals involved in new facility and process design and implementation.

Element Activities, Accomplishment, Market Progress, & Modifications

Program results are summarized under the Commercial New Construction program under the SBD program element.

Codes & Standards Support and Local Government Initiatives

(for detail see A.00-11-043, p. E-22)

This integrated program seeks to support the development and implementation codes and standards, with an emphasis on peak electric demand reduction, across both new construction and remodel/renovation markets to the extent that both new construction and major tenant improvements involve the same market participants and are subject to California's "Energy Efficiency Standards for Residential and Nonresidential buildings," also known as Title 24 Energy Standards. The program also addresses standards-setting organizations such as the American Society of Heating, Refrigeration and Air-Conditioning Engineers, code-setting bodies such as the California Energy Commission and the Department of Energy, and enforcement authorities such as city and county building departments.

Program Elements:

ELEMENT DESCRIPTION	ELEMENT ACTIVITY
New Construction Codes & Standards	See below
Local Government Initiative	See below
CTAC / AGTAC Energy Centers	See Crosscutting Programs
Third-Party Initiatives	See Crosscutting Programs

New Construction Codes & Standards

(for detail see A.00-11-043, p. E-24)

Program Element Summary

The Codes and Standards program element proposes to bring about upgrades in energy efficiency standards and codes, thereby capturing the benefits for society from California's diverse energy efficiency efforts. Codes and Standards Enhancement studies for energy efficiency improvements will be developed for promising design practices and technologies (such as those developed in the Residential and Nonresidential New Construction programs) and will be presented to standards code setting bodies in a coordinated manner.

Element Activities, Accomplishment, Market Progress, & Modifications

- SCE participated in three workshops on energy code enhancement conducted by the California Energy Commission in Sacramento. Public comment on the proposed 2005 Building Energy Efficiency Standards updates were reviewed at these workshops.
- SCE completed testing on the performance of two 5 ton packaged air conditioning units operating at high outdoor temperature. The efficiency rating of the first unit is at the minimum level allowed by the present appliance efficiency standard and the second unit is the highest available from the given manufacturer.

Local Government Initiative

(for detail see A.00-11-043, p. E-25)

Program Element Summary

This element will support local government initiatives to transform energy efficiency markets at the community level. Some local governments may use the municipal planning process and the development approval process to institutionalize wider consideration and implementation of energy efficiency in community planning and new construction. Other local governments may establish institutions or programs to mobilize and link community resources to form self-sustaining partnerships, mechanisms and/or initiatives that promote and facilitate energy efficiency on a community-wide basis. These community-based initiatives can also mobilize and link a broad range of community resources (local financial institutions, contractors, business organizations, service clubs, and non-profits) to form self-sustaining partnerships, mechanisms and/or initiatives to promote and facilitate energy efficiency.

Activities, Accomplishment, Market Progress, & Modifications

There was no activity in this program area during the first quarter of 2002

Section 5: Statewide And Crosscutting Programs

INTRODUCTION

In Decision (D.) 01-11-066, Ordering Paragraph 9, dated November 29, 2001, the Commission authorized the continuation of Program Year (PY) 2001 programs to avoid a program funding gap during the early part of 2002 prior to the Commission's authorization of new programs for 2002. The four investor-owned utilities (IOUs) were also authorized to commit and/or spend these funds only until March 31, 2002.

The following incentive programs were continued into the first quarter of 2002: Residential Energy Efficiency Contractor, Nonresidential Standard Performance Contract, Express Efficiency, and Savings By Design.

Statewide Program Activity

Residential

Statewide Residential Energy Guide

Description of program and program element/strategy

- The Residential Energy Guide was developed to provide statewide consistency on energy efficiency information and awareness of appliance practices to residential customers. In 2001, Pacific Gas and Electric Company, Southern California Edison, Southern California Gas, and San Diego Gas & Electric Company jointly participated in a coordinated effort to distribute Energy Guides to residential customers through a variety of delivery channels. In an effort to streamline the process and in response to customer demand for energy efficiency information, third and fourth quarter efforts targeted the distribution of a utility-specific quick tip reference sheet which provided customers with long and short-term solutions for energy savings.

Market participants and/or end uses

Participants: Residential customers.
End Uses: All residential end uses are targeted.

Accomplishments/milestones/market effects observed to date

- The Energy Guides were provided to interested residential customers.

Statewide Residential Lighting Program

Description of program and program element/strategy

- In 2001, statewide lighting program strategies included manufacturer and consumer incentives, education and outreach to retailers and manufacturers, field services, salesperson training, paid advertising, and other consumer outreach and promotional activities.

Market participants and/or end uses
Participants: Residential Customers, Retailers of ENERGY STAR® Lighting Products, and Manufacturers of ENERGY STAR® Lighting Products
End Uses: ENERGY STAR® qualified lighting products

Accomplishments/milestones/market effects observed to date
- First quarter focused on coordinating and planning the 2002 statewide program.

Statewide Residential Appliance Program

Description of program and program element/strategy
- The Statewide program promotes energy efficient appliances that reduce energy and peak demand, with the primary focus being to promote Energy Star® labeled appliances. Through statewide coordination efforts, Pacific Gas and Electric Company, Southern California Edison, Southern California Gas Company and San Diego Gas & Electric continue to coordinate efforts to promote market recognition of energy efficient appliances.

Market participants and/or end uses
- Participants: Residential Customers/Retailers & Manufacturers
- End Uses: ENERGY STAR® qualified appliances

Accomplishments/milestones/market effects observed to date
- No activity in the first quarter.

Residential Energy Efficiency Contractor program (RCP)

Description of program and program element/strategy
- The program has two distinct elements: the Multifamily and Single Family Elements:
- The Multifamily Element applies to:
  - apartment dwelling units
  - common areas of apartments and condominium complexes, and
  - common areas of mobile home parks.
- The Single Family Element applies to:
  - single family homes
  - condominium dwelling units,
  - small attached apartments with up to four dwelling units (e.g., duplexes, triplexes, and fourplexes), and
  - mobile homes

Market participants and/or end uses
- Participants: Residential customers
- End Uses: Various residential applications

Accomplishments/milestones/market effects observed to date

- In the first quarter, all IOUs offered RCP incentives to their customers.

Nonresidential

Large Nonresidential Standard Performance Contract (LNSPC) Program

Description of program and program element/strategy

- Performance based program that offers incentives (posted price) to customers or Energy Efficiency Service Providers (EESPs) for installation of energy efficient equipment at customer facilities.
- The program targets large nonresidential customers.
- LNSPC is standardized statewide. This includes incentive levels, procedures, and contracts, with some program differences to reflect different service territory needs.
- Incentive levels are based on measure end use and the type of energy savings verification plan.
- Utility promotes and administers the program with EESPs and utility account services representatives promoting energy efficient projects to customers.

Market participants and/or end uses

Participants: Large commercial, industrial and agricultural customers (greater than 500 KW or 250,000 annual therms), Energy Efficiency Service Providers (EESPs), contractors, and engineering firms.
End Uses: Heating, ventilation, air-conditioning, lighting, water heating, and other building-type specific end uses.

Accomplishments/milestones/market effects observed to date

- In first quarter 2002, there were two payment levels based on end use and verification plan. The Calculated Savings Option (CSO) eliminates field measurement (reference tables and engineering calculations are used). The Measured Savings Option (MSO) offers a higher incentive because field measurement is required to verify achieved energy savings.
- The CSO incentive for natural gas measures is $1.00 per annual therm of savings. The CSO incentive for electric measures are as follows: lighting measures – 5.5¢ per KWH, HVAC and refrigeration measures – 18.0¢ per KWH, and other measures (e.g., motors, variable speed drives) - 9.0¢ per KWH. The incentive for summer on-peak KW savings is $100 for lighting measures, $225 for HVAC measures and $150 for other measures.
- The MSO incentive for natural gas measures is $1.10 per annual therm of savings. The MSO incentive for electric measures are as follows: lighting measures – 6.0¢ per KWH, HVAC and refrigeration measures – 20.0¢ per KWH, and other measures (motors, variable speed drives) - 10.0¢ per KWH. The incentives for summer on-peak KW savings are the same as the CSO incentive.
- All IOUs committed funds to LNSPC projects in the first quarter

Small Business Standard Performance Contract (SBSPC) Program

Description of program and program element/strategy

- Similar to Large Nonresidential Standard Performance Contract (LNSPC) Program.
- The program targets small and medium nonresidential customers.
- SBSPC is standardized statewide. This includes incentive levels, procedures, and contracts, with some program differences to reflect different service territory needs.
- A customer may self-sponsor an SBSPC project in 2001.
- Incentive levels are based on measure end use and the energy savings verification plan.

Market participants and/or end uses

Participants: Small and medium commercial, industrial, and agricultural customers with electric demand equal to or less than 500 KW or 250,000 annual therms.
End Uses: Heating, ventilation, air-conditioning, lighting, water heating, and other building-type-specific end uses.

Accomplishments/milestones/market effects observed to date

- In first quarter 2002, there were two payment levels based on end use and verification plan. The Calculated Savings Option (CSO) eliminates field measurement (reference tables are used). The Measured Savings Option (MSO) offers a higher incentive because field measurement is required to verify achieved energy savings.
- The CSO incentive for natural gas measures is $1.10 per annual therm of savings. The CSO incentive for electric measures are as follows: lighting measures – 6.0¢ per KWH, HVAC and refrigeration measures – 20.0¢ per KWH, and other measures (e.g., motors, variable speed drives) - 10.0¢ per KWH. The incentive for summer on-peak KW savings is $125 for lighting measures, $250 for HVAC measures and $175 for other measures.
- The MSO incentive for natural gas measures is $1.20 per annual therm of savings. The MSO incentive for electric measures are as follows: lighting measures – 7.0¢ per KWH, HVAC and refrigeration measures – 22.5¢ per KWH, and other measures (motors, variable speed drives) - 11.0¢ per KWH. The incentives for summer on-peak KW savings are the same as the CSO incentive.

Express Efficiency Program

Description of program and program element/strategy

- Provides standard rebates to customers, contractors, and EESPs for installation of energy efficient equipment.
- The program targets small and medium nonresidential customers.
- Statewide program, with differences to reflect different service territory needs.
- Incentive cap of $25,000 per account and $2 million per corporate parent statewide.

Market participants and/or end uses
Participants: Small and medium commercial, industrial, and agricultural customers (equal to or less than 500 KW or 250,000 annual therms).
End Uses: Heating, ventilation, air-conditioning, refrigeration, lighting, water heating, and other building-type-specific end uses including agricultural.

Accomplishments/milestones/market effects observed to date

- In the first quarter, all IOUs offered Express Efficiency rebates to their customers.

Statewide Business Energy Guide

Description of program and program element/strategy

- Statewide energy guide provides energy information and education to customers to better manage their business energy costs.
- Provides energy information for office buildings, grocery stores, restaurants, retail outlets and manufacturing facilities.
- Brochure currently available in English, Spanish and Chinese.
- Target markets includes commercial businesses, business trade/vendor shows, Small Business Associations, Chambers of Commerce, building permits and government offices and business on-site surveys conducted by utility representatives.

Market participants and/or end uses
Participants: Small and medium commercial, industrial, and agricultural customers (equal to or less than 500 KW or 250,000 annual therms).
End Uses: Heating, ventilation, air-conditioning, lighting, water heating, and other building-type-specific end uses.

Accomplishments/milestones/market effects observed to date

- The Business Guides were provided to interested customers.

Emerging Technologies

Description of program and program element/strategy

- Emerging Technologies activities focus on demonstrating energy efficiency options not widely adopted by various market actors.
- Program makes detailed designs of efficiency options and their performance information widely available.
- The Emerging Technologies Coordinating Council (ETCC) was established to seek opportunities to coordinate efforts between each of the utilities emerging technologies programs as well as the CEC's PIER program.

Market participants and/or end uses
Participants: All customers
End Uses: Heating, ventilation, air-conditioning, lighting, water heating, and other building-type-specific end uses.

Accomplishments/milestones/market effects observed to date

- The utilities continued to work on emerging technology projects in their service areas..

Energy Centers

Description of program and program element/strategy

- Three of the state's investor owned utilities, PG&E, SCE, and SCG operate Energy Centers. Unified by the common goal of educating their customers about energy-efficient business solutions, the utilities jointly developed plans to increase cooperation among the utility energy centers. This plan addressed three potential areas for working together collaboratively to build on a statewide program. These are: seminar/program coordination; a web based energy efficiency library; and a partnership program with independent third parties and/or state agencies.
- Energy Centers use training, outreach, education, and tool development to support delivery of statewide programs. Energy Centers are uniquely suited to address peak demand reduction and promote energy savings directly by offering programs designed specifically for that purpose.

Market participants and/or end uses
Participants: All customers
End Uses: All end uses

Accomplishments/milestones/market effects observed to date

- **Seminar/Program Coordination**: The utilities continue to coordinate seminars as appropriate. The centers recognize that, through regional collaboration, the opportunity exists to develop a more comprehensive set of energy efficiency conferences/seminars that would reflect the expertise and experience from a diverse group of contributors statewide. The following is a list of classes held through the first quarter of 2002:

CLASS	Location	Date
Lighting and Daylighting for Architects and Designers	SCE CTAC	01/29/02
Design Strategies for High Performance Glass	SCE CTAC	02/06/02
Lighting Fundamentals	PG&E PEC	02/26/02
Role Of Mechanical Engineers in Green Buildings	PG&E PEC	03/05/02
Res. T-24: Duct Installation Stds.	PG&E PEC	03/07/02
Res. T-24: Stds. For Res. Construction	PG&E PEC	03/12/02
The Glass Class for Commercial	PG&E PEC	03/14/02

Buildings		
High Performance Schools	PG&E PEC	03/15/02
Building Energy Audits	PG&E PEC	03/19/02
Res. T-24: Equipment Sizing and Selection	PG&E PEC	03/21/02
Res. T-24: Duct Design	PG&E PEC	03/22/02

- **Web-Based Energy Efficiency Library**: The Energy Centers envisioned this as a centralized and comprehensive online information library that could serve as an electronic information hub on all aspects of energy efficiency. Through a collaborative effort, an independent contractor was hired to construct a site named "energyefficiencycenter.com." The site, which was implemented on April 17, 2000, provides users with links to the energy centers as well as links to a number of associations, organizations, and government agencies where information on energy efficiency can be found. Further enhancements to the site were put on hold pending decisions regarding a more comprehensive statewide web site for EE activity and information.

Partnership Program with Third Parties and/or State Agencies: Each center has used their local relationships to develop partnerships to enhance their local offerings.

New Construction

Savings By Design (SBD)

Description of program and program element/strategy

- A statewide program implemented by PG&E, SCE, SCG, and SDG&E that encourages high performance commercial building design and construction.
- Seeks to permanently reduce the transaction costs associated with developing and evaluating energy efficient design alternatives.
- Seeks to improve the comfort, efficiency, and performance of buildings by promoting an integrated team approach to design.
- The Nonresidential Retrofit and Renovation program is also covered under the SBD program although implementation may differ by utility.

Market participants and/or end uses

Participants: Primary decision makers in new construction and major renovation and remodeling projects: Program components address building owners, architects, engineers, contractors, builders, developers, energy consultants, and facilities personnel in all non-residential new construction projects. Equipment manufacturers and vendors will also be influenced as primary market actors increase demand for high efficiency building components. School districts will be specifically targeted as a hard-to-reach market for PY2001. For the purposes of this program element, eligible projects are defined as facilities where the building is still in the design stage of the project and include:

- "ground-up" facilities that are being newly constructed in the utility's territory
- permanent facility additions that add square footage to an existing structure
- "gut-rehabilitation" of appropriate nonresidential facilities within the utility's service territory
- first-time and broad-scope tenant improvements to facilities involved with a change of tenant or occupancy
- facility remodels involving replacement of at least half of one or more building energy systems

End Uses: All energy-consuming systems supporting or housed within a new facility.

Accomplishments/milestones/market effects observed to date

- For the first quarter of 2002, SBD continued to operate under PY 2001 program rules inclusive of Title 24 changes mandated under AB 970 and taking into account mandated year-end HVAC efficiency increase.
- SBD continued support in the first quarter of 2002 of American Institute of Architects, California Council (AIA) efforts to promote statewide energy efficient integrated building design. SBD among all utilities is continuing sponsorship of AIA and working with the California Council to sponsor SBD Energy Integration Awards for 2002 as well as providing

primary support for the AIA Desert Practice Conference and the Monterey Design Conference.

- Accomplishments for Nonresidential Statewide and Crosscutting PY 2001 programs extended into the first quarter of 2002 can be found in the Nonresidential New Construction Programs section in each of the utilities' quarterly report

Energy Design Resources Program

Description of program and program element/strategy

- Provides an integrated package of design tools and information resources that promote the design and construction of high-performance buildings.
- Utilizes a website to offer additional interactive resources and provide downloadable tools.
- Complements the integrated design strategies of the Savings By Design program and generates project leads for the SBD program.
- Provides validation of and peer recognition for designers and developers of exemplary projects that successfully incorporate principles of energy efficient design.

Market participants and/or end uses

Participants: The program targets two primary market actor groups within the new construction industry:

- Designers (architects, engineers, lighting designers, energy consultants) and developers, including students of these disciplines, who establish the characteristics of new building projects through design and construction
- Decision-makers who set the programmatic requirements for new building projects and can create a demand for energy efficiency facilities and design expertise

End Uses: All energy-consuming systems supporting or housed within a new facility.

Accomplishments/milestones/market effects observed to date

- Finalized the EDR Web site on-line learning courses for such topics as lighting, controls, luminaires, and other new technologies.
- Completed production of the second edition of the EDR binder (EDR II) for first quarter 2002 availability. The binder includes 14 new Design Briefs, an in-depth integrated design case study, a Building Commissioning Manual, and an international daylighting research report.
- Accomplishments for Nonresidential Statewide and Crosscutting PY 2001 programs extended into the first quarter of 2002 can be found in the Nonresidential Programs section in each of the utilities' quarterly report.

Codes & Standards Program

Description of program and program element/strategy

- Codes and Standards works to bring about upgrades in standards and codes, thereby capturing the benefits for society from California's diverse energy efficiency market transformation efforts.
- Case for improvements are developed for promising design practices and technologies and then presented to standards and code setting bodies in a coordinated manner.

Market participants and/or end uses

Participants:

- Code-setting bodies such as the California Energy Commission, the US Department of Energy, and the Federal Trade Commission.
- Standards-setting, rating-setting, and research support organizations including: the American Society of Heating and Refrigerating and Air Conditioning Engineers, the Illuminating Engineering Society, the National Fenestration Rating Council, the Cool Roof Rating Council, the Institute of Transportation Engineers, the U.S. Green Building Council, and the California Institute for Energy Efficiency.
- Stakeholders to specific code enhancements including the California Building Industry Association, Building Owners and Managers Association, manufacturing associations, and other industry groups and individuals.
- Code enforcers and enforcement organizations, such as, California Building Officials, and managers of energy efficiency programs.

Accomplishments/milestones/market effects observed to date

- Participated in Title 20 appliance standards workshops, and provided support for the permanent adoption of new standards in February 2002.
- Continued developing Codes and Standards Enhancement (C.A.S.E.) studies in support of the current rulemaking on 2005 residential and nonresidential building standards.
- Continued developing C.A.S.E. studies in preparation for the next appliance standards rulemaking.
- Participated in meetings and workshops in support of enhancements to the current rulemaking on residential and nonresidential building standards for 2005 buildings standards. Workshops topics included proposals for various code enhancements and time dependent valuation, a new basis for valuing energy that favors peak-reducing technologies.
- Utilities also participated in the CEC's outdoor lighting rulemaking, supported energy efficient self-illuminated signs, and supported the CEC's tight duct rulemaking and the successful defense of AB 970 2001 tight duct standard.

- Accomplishments for Statewide and Crosscutting PY 2001 programs extended into the first quarter of 2002 can be found in the New Construction Programs section in each of the utilities' quarterly report.

Crosscutting Program Activity

Included within Southern California Edison's programs are various activities that help support each of the 14 programs. These activities include Energy Centers, Emerging Technologies, and Third-Party Initiatives.

Emerging Technologies

(for detail see A. 00-11-043, p F-48)

Program Element Summary

The Emerging Technologies activities focus on demonstrating energy efficiency options not widely adopted by various market actors. The program makes detailed designs of efficiency options and their performance information widely available.

In 2001, SCE will focus much of its attention on the promotion of energy efficiency that can achieve immediate energy savings and demand reductions. As a result, activities under the Emerging Technologies Showcasing program have been significantly scaled back. Nevertheless, SCE believes promotion of emerging technologies is a key factor to customer adoption of emerging energy efficiency technologies. To that end, SCE will continue to coordinate its ongoing showcase efforts with the Emerging Technologies Coordinating Counsel, maintain the Counsel's website, and update the projects database on the website. In addition, approximately six to eight showcase agreements will be signed in 2001. The showcasing results will be added to the Counsel's projects database. SCE will continue to work with other utilities and industry members in the development of future codes and standards.

Activities, Accomplishment, Market Progress, & Modifications:

- Continued to work with other utilities and the California Energy Commission to coordinate the emerging technologies under the Emerging Technologies Coordinating Council.

Energy Centers - CTAC, AGTAC

(for detail see A. 00-11-043, p F-53)

Program Element Summary

SCE operates two distinct energy centers. The *Customer Technology Application Center (CTAC)*, which opened in 1990, is located central to the metropolitan Los Angeles County and Orange County regions. The *Agricultural Technology Application Center (AGTAC)* opened in 1996 is located in the heart of the northern agricultural region of SCE service territory, the San Joaquin Valley. The centers are dedicated to the transfer of technology to the market place, including energy efficient technologies. The PGC goal of the centers is to intervene in the market place to enhance this diffusion of energy efficient technologies.

Customer Technology Application Center (CTAC) -

CTAC is a 45,000 square foot facility that is comprised of five technology centers: the Lighting Products Center, the Commercial Products Center, the Home Efficiency Center, the Industrial

Technology Center, and the Foodservice Technology Center. CTAC also collaborates with a sixth center: the Refrigeration Technology Testing Center (RTTC) is part of the CTAC facility, but is funded through Showcasing activities. CTAC offers services to residential, commercial, and industrial customers. CTAC provides information on state-of-the art energy efficient technologies to customers, retailers, distributors, manufacturers, architects, engineers, and designers through, displays, training, demonstrations, and printed materials.

The Agricultural Technology Application Center (AGTAC) -
AGTAC is a multifaceted technology demonstration center located on a 10-acre site in Tulare, CA. The 16,000 square foot facility includes a 2,000 square foot Learning Center, a large Exhibit Hall, a Lighting Products Center and a Business Resource Center. Outside the building is a 4.5 acre Outdoor Demonstration Grounds. AGTAC's primary focus is with the agricultural community and agricultural processing. However, it also provides services and information to commercial, industrial and residential customers, and upstream actors.

Activities, Accomplishment, Market Progress, & Modifications:
Customer Technology Application Center (CTAC) –
During the bridge quarter in 2002, CTAC continues to track attendance at seminars and the number of joint utility classes held. The following shows CTACs first quarter results through March 2002.

	YTD
Seminar Attendance	818
Joint Utility Classes	2

- No further studies regarding CTAC feasibility or market impacts will be conducted.

The Agricultural Technology Application Center (AGTAC) –

	YTD
Seminar Attendance	431
Joint Utility Classes	0

No joint classes were held in the first quarter of the year due to uncertainties regarding commission funding.

Third Party Initiatives

(for detail see A. 00-11-043, p. F-67)

SCE's Third Party Initiative (TPI) Program is designed to solicit innovative energy efficiency strategies and technologies from the public sector. For 2001, there was a greater focus on

selecting projects based on cost-effectiveness and on projects that proposed to achieve near-term energy savings and demand reductions beginning in the summer of 2001.

Element Activity, Accomplishments, Market Progress, & Modifications:
The performance of the 2001 TPI Programs during the first quarter of 2002 continues to demonstrate that the Third Party Program is severely challenged to achieve cost –effective energy savings goals. Despite a heightened awareness of customers in all sectors to energy issues, TPI energy service provider success depended on high-incentive subsidies and name brand alliance with SCE to overcome customer reluctance to accept these non-traditional energy efficiency programs, resulting in achieved savings but at a much lower cost effectiveness than traditional market delivery.

The following are the 2001 TPI results through the end of March 2002:

- 16,000 MWh energy savings
- 1.6 MW peak demand reduction achieved.

At the end of the first quarter of 2002, about six projects are still in progress, with the remainder completed, and in the process of delivering their final reports.

Section 6: Program Summary Tables

Table 6.1
Southern California Edison Company
Program Portfolio Budget - YTD
PY2002
($ in millions)

Program	2000 Recorded Expenses	2001 Recorded Expenses	2002 (1st Qtr) Authorized Budget [1]	YTD Actual 03/31/2002	YTD Commitments 03/31/2002	2002 Total Actual + Committed
Residential Programs						
Heating and Cooling Systems						
Residential Audits	0.928	0.455	0.050	0.017	0.033	0.050
Local Governement Initiative	-	0.200	-	-	-	-
Res EE Procurement Program (REEPP)	0.080	-	-	-	-	-
Calif Home Energy Eff Rating System (CHEERS)	0.100	0.049	-	-	-	-
Mass Market Information	0.042	0.550	0.041	0.019	0.022	0.041
Emerging Technologies	0.500	0.030	-	-	-	-
Energy Centers - CTAC/AGTAC	0.071	0.096	0.020	0.014	0.007	0.020
TPI Administration/Solicitation Process	0.250	0.079	-	-	-	-
General Support Activities[3]	0.068	0.038	0.010	0.006	0.003	0.010
Sub Total	2.038	1.496	0.122	0.057	0.065	0.122
Residential Lighting						
Residential Audits	0.646	0.242	0.050	0.017	0.033	0.050
Local Governement Initiative	-	0.300	-	-	-	-
Res EE Procurement Program (REEPP)	0.225	-	-	-	-	-
Calif Home Energy Eff Rating System (CHEERS)	0.100	0.049	-	-	-	-
Mass Market Information	0.042	0.529	0.041	0.019	0.022	0.041
Energy Centers - CTAC/AGTAC	0.140	0.084	0.020	0.014	0.007	0.020
TPI Administration/Solicitation Process	0.250	0.406	-	-	-	-
Retail Initiative Lighting (Statewide)	2.839	2.860	0.056	0.035	0.021	0.056
Residential Contractor (Statewide)	0.600	-	-	-	-	-
General Support Activities[3]	0.104	0.111	0.015	0.010	0.005	0.015
Sub Total	4.945	4.580	0.183	0.095	0.088	0.183
Residential Appliances						
Residential Audits	0.386	0.213	0.050	0.017	0.033	0.050
Local Governement Initiative	-	0.200	-	-	-	-
Res EE Procurement Program (REEPP)	0.480	-	-	-	-	-
Calif Home Energy Eff Rating System (CHEERS)	0.045	0.049	-	-	-	-
Mass Market Information	0.042	0.790	0.041	0.019	0.022	0.041
Energy Centers - CTAC/AGTAC	0.105	0.057	0.020	0.014	0.007	0.020
TPI Administration/Solicitation Process	0.250	0.260	-	-	-	-
Residential Spare Refrigerator Recycling	7.130	7.500	1.109	0.808	0.319	1.127
Residential Appliance (D)	2.795	3.967	0.783	0.351	0.414	0.765
Residential Appliance (U)	3.649	0.169	0.006	0.007	-	0.007
General Support Activities[3]	0.484	0.280	0.175	0.114	0.061	0.175
Sub Total	15.366	13.486	2.185	1.330	0.855	2.185
Residential Retrofit & Renovation						
Residential Audits	0.860	0.706	0.050	0.017	0.033	0.050
Local Governement Initiative	-	0.200	-	-	-	-
Residential Contractor	5.041	3.264	0.094	0.031	0.063	0.094
Res EE Procurement Program (REEPP)	0.080	-	-	-	-	-
Calif Home Energy Eff Rating System (CHEERS)	0.075	0.036	-	-	-	-
Mass Market Information (Statewide)	0.042	0.488	0.041	0.019	0.022	0.041
Emerging Technologies	0.200	-	-	-	-	-
Energy Centers - CTAC/AGTAC	0.101	0.059	0.020	0.014	0.007	0.020
TPI Administration/Solicitation Process	0.253	0.186	-	-	-	-
Retail InitiativeWindow/Frame System Labeling	0.703	-	-	-	-	-
HVAC Diagnostic Program (Check-Me)	0.121	-	-	-	-	-
General Support Activities[3]	0.182	0.140	0.018	0.012	0.006	0.018
Sub Total	**7.659**	**5.079**	**0.224**	**0.093**	**0.131**	**0.224**
Residential Subtotal	**$ 30.008**	**$ 24.641**	**$ 2.713**	**$ 1.574**	**$ 1.140**	**$ 2.714**

[1] 2002 Budget does not include Market Assessment & Evaluation budget ($190,900)

Program	2000 Year-end Actual + Committed	2001 Recorded Expenses	2002 (1st Qtr) Authorized Budget [1]	YTD Actual 03/31/2002	YTD Commitments 03/31/2002	2002 Year-end Actual + Committed
Nonresidential Programs						
Large Nonresidential Comprehensive Retrofit						
Emerging Technologies	0.400	-	-	-	-	-
Mass Market Information	-	0.168	-	-	-	-
Energy Centers - CTAC/AGTAC	0.496	0.463	0.061	0.052	0.009	0.061
Agricultural/Pumping Services	1.075	0.994	0.112	0.108	0.004	0.112
Nonresidential SPC	9.162	0.448	0.283	0.056	0.227	0.283
Express Efficiency (Large)	-	0.965	0.064	0.017	0.046	0.064
Large Commercial Informational Services	0.150	0.129	0.030	0.026	0.005	0.030
Large Industrial Informational Services	0.150	0.116	0.028	0.024	0.004	0.028
TPI Administration/Solicitation Process	-	-	-	-	-	-
General Support Activities[3]	0.498	0.181	0.050	0.033	0.017	0.050
Sub Total	11.931	3.465	0.628	0.316	0.312	0.628
Small Nonresidential Comprehensive Retrofit						
Mass Market Information (Statewide)	0.150	0.957	0.070	0.055	0.015	0.070
Emerging Technologies	0.350	0.108	0.103	0.039	0.064	0.103
Energy Centers - CTAC/AGTAC	0.332	0.305	0.061	0.052	0.009	0.061
TPI Administration/Solicitation Process	0.442	1.553	-	-	-	-
Small Business Survey & Services	1.103	0.635	0.233	0.198	0.035	0.233
Small SPC (Statewide)	2.627	0.654	0.237	0.020	0.217	0.237
Agricultural/Pumping Services	0.499	0.503	0.112	0.108	0.004	0.112
Express Efficiency (Sm/Med)	3.893	4.845	0.465	0.114	0.351	0.465
Local Government Initiative	-	0.300	-	-	-	-
Small Business Space Rental Upgrade	-	-	-	-	-	-
General Support Activities[3]	0.241	0.448	0.111	0.073	0.039	0.111
Sub Total	9.637	10.308	1.392	0.658	0.733	1.392
Nonresidential HVAC Turnover						
Emerging Technologies	0.200	-	-	-	-	-
Mass Market Information	-	0.049	-	-	-	-
Energy Centers - CTAC/AGTAC	0.187	0.260	0.061	0.052	0.009	0.061
TPI Administration/Solicitation Process	-	0.659	-	-	-	-
Express Efficiency - Upstream HVAC	0.863	0.060	-	-	-	-
Express Efficiency (Sm/Med)	-	0.049	-	-	-	-
Express Efficiency (Large)	-	0.427	0.064	0.017	0.046	0.064
Nonresidential SPC	4.787	0.516	0.283	0.056	0.227	0.283
Large Commercial Informational Services	0.275	0.167	0.030	0.026	0.005	0.030
Large Industrial Informational Services	0.275	0.125	0.028	0.024	0.004	0.028
HVAC Commissioning Pilot Program	-	0.001	-	-	-	-
HVAC Diagnostic Program (Check-Me)	0.119	-	-	-	-	-
General Support Activities[3]	0.291	0.190	0.040	0.026	0.014	0.040
Sub Total	6.997	2.505	0.506	0.201	0.305	0.506
Motor Turnover						
Emerging Technologies	0.100	-	-	-	-	-
Mass Market Information	-	0.015	-	-	-	-
Energy Centers - CTAC/AGTAC	0.124	0.135	0.061	0.052	0.009	0.061
Agricultural/Pumping Services	0.222	0.245	0.112	0.108	0.004	0.112
Express Efficiency - Upstream Motors	0.795	0.353	-	-	-	-
Nonresidential SPC	0.609	0.141	0.283	0.056	0.227	0.283
Large Commercial Informational Services	0.050	0.075	0.030	0.026	0.005	0.030
Large Industrial Informational Services	0.050	0.068	0.028	0.024	0.004	0.028
Agricultural Energy Efficiency Incentives	0.273	-	-	-	-	-
TPI Administration/Solicitation Process	-	-	-	-	-	-
General Support Activities[3]	0.071	0.054	0.045	0.029	0.016	0.045
Sub Total	2.294	1.084	0.559	0.295	0.264	0.559

Nonresidential Process Overhaul						
Emerging Technologies	0.200	-	-	-	-	-
Mass Market Information	-	0.015	-	-	-	-
Energy Centers - CTAC/AGTAC	0.168	0.161	0.061	0.052	0.009	0.061
Agricultural/Pumping Services	0.259	0.229	0.112	0.108	0.004	0.112
Nonresidential SPC	3.287	0.209	0.283	0.056	0.227	0.283
Large Industrial Informational Services	0.335	0.101	0.028	0.024	0.004	0.028
TPI Administration/Solicitation Process	-	-	-	-	-	-
General Support Activities[3]	0.181	0.057	0.042	0.028	0.015	0.042
Sub Total	4.431	0.771	0.526	0.267	0.259	0.526
Commercial Remodeling Renovation						
Emerging Technologies	0.825	-	-	-	-	-
Mass Market Information	-	0.065	-	-	-	-
Energy Centers - CTAC/AGTAC	0.472	0.435	0.061	0.052	0.009	0.061
Nonresidential SPC	1.218	0.387	0.283	0.056	0.227	0.283
Express Efficiency (Large)	-	0.515	0.064	0.017	0.046	0.064
Large Commercial Informational Services	0.250	0.112	0.030	0.026	0.005	0.030
Large Industrial Informational Services	-	0.145	0.028	0.024	0.004	0.028
Savings By Design	2.000	0.520	0.200	0.000	0.200	0.200
TPI Administration/Solicitation Process	-	-	-	-	-	-
General Support Activities[3]	0.153	0.149	0.058	0.038	0.020	0.058
Sub Total	4.918	2.329	0.723	0.213	0.511	0.723
Nonresidential Subtotal	**40.207**	**20.462**	**4.334**	**1.950**	**2.384**	**4.334**

Program	2000 Year-end Actual + Committed	2001 Recorded Expenses	2002 (1st Qtr) Authorized Budget [1]	YTD Actual 03/31/2002	YTD Commitments 03/31/2002	2002 Year-end Actual + Committed
New Construction Programs						
Residential New Construction						
Emerging Technologies	0.200	-	-	-	-	-
Mass Market Information	-	0.355	-	-	-	-
Energy Centers - CTAC/AGTAC	0.128	0.113	0.056	0.054	0.001	0.056
TPI Administration/Solicitation Process	0.382	0.567	-	-	-	-
Residential New Construction	3.255	1.036	0.235	0.114	0.121	0.235
Local Government Initiatives	-	0.800	-	-	-	-
General Support Activities[3]	0.087	0.127	0.025	0.017	0.009	0.025
Sub Total	4.051	2.999	0.316	0.185	0.131	0.316
Commercial New Construction						
Emerging Technologies	0.725	-	-	-	-	-
Mass Market Information	-	0.077	-	-	-	-
Energy Centers - CTAC/AGTAC	0.077	0.086	0.012	0.011	0.001	0.012
TPI Administration/Solicitation Process	0.402	0.301	-	-	-	-
Savings By Design	2.827	2.112	0.766	0.180	0.585	0.766
Energy Design Resources	1.300	0.101	0.030	0.008	0.022	0.030
General Support Activities[3]	0.134	0.189	0.070	0.046	0.024	0.070
Sub Total	5.464	2.866	0.878	0.246	0.632	0.878
Industrial and Agricultural New Construction						
Emerging Technologies	0.200	-	-	-	-	-
Energy Centers - CTAC/AGTAC	0.060	0.067	0.012	0.011	0.001	0.012
Savings By Design (statewide)	0.500	0.239	0.085	0.020	0.065	0.085
Energy Efficiency Incentives	0.481	-	-	-	-	-
TPI Administration/Solicitation Process	-	-	-	-	-	-
General Support Activities[3]	0.097	0.021	0.008	0.006	0.003	0.008
Sub Total	1.338	0.327	0.106	0.037	0.069	0.106
New Construction Codes & Standards Support and Local Government Initiatives						
Emerging Technologies	0.700	0.135	0.413	-	0.413	0.413
Energy Centers - CTAC/AGTAC	0.033	0.037	0.012	0.011	0.001	0.012
TPI Administration/Solicitation Process	0.018	0.191	-	-	-	-
Local Government Initiatives	0.687	0.341	-	-	-	-
General Support Activities[3]	0.043	0.035	0.037	0.024	0.013	0.037
Sub Total	1.481	0.739	0.462	0.035	0.427	0.462
New Construction Subtotal	**12.334**	**6.932**	**1.762**	**0.503**	**1.259**	**1.762**

Table 6.2
Southern California Edison Company
Energy Efficiency Program Energy and Demand Reductions - YTD
PY2002
($ in millions)

Program	YTD		
	Energy (MWH)	Demand (MW)	Gas (Therms)
Residential Programs			
Heating and Cooling Systems			
Residential Audits	92	0.02	
Local Governement Initiative	-	-	
Res EE Procurement Program (REEPP)			
Calif Home Energy Eff Rating System (CHEERS)	-	-	
Mass Market Information			
Emerging Technologies			
Energy Centers - CTAC/AGTAC			
TPI Administration/Solicitation Process			
General Support Activities[3]			
Sub Total	92	0.02	-
Residential Lighting			
Residential Audits	92	0.02	
Local Governement Initiative	-	-	
Res EE Procurement Program (REEPP)			
Calif Home Energy Eff Rating System (CHEERS)	-	-	
Mass Market Information			
Energy Centers - CTAC/AGTAC			
TPI Administration/Solicitation Process			
Retail Initiative Lighting (Statewide)	-	-	
General Support Activities[3]			
Sub Total	92	0.02	-
Residential Appliances			
Residential Audits	92	0.02	
Local Governement Initiative	-	-	
Res EE Procurement Program (REEPP)			
Calif Home Energy Eff Rating System (CHEERS)	-	-	
Mass Market Information			
Energy Centers - CTAC/AGTAC			
TPI Administration/Solicitation Process			
Residential Spare Refrigerator Recycling	6,526	1.02	
Residential Appliance (D)	1,177	0.71	
Residential Appliance (U)			
General Support Activities[3]			
Sub Total	7,794	1.75	-
Residential Retrofit & Renovation			
Residential Audits	92	0.02	
Local Governement Initiative	-	-	
Residential Contractor	-	-	
Res EE Procurement Program (REEPP)			
Calif Home Energy Eff Rating System (CHEERS)	-	-	
Mass Market Information (Statewide)			
Emerging Technologies			
Energy Centers - CTAC/AGTAC			
TPI Administration/Solicitation Process			
Retail InitiativeWindow/Frame System Labeling			
HVAC Diagnostic Program (Check-Me)			
General Support Activities[3]			
Sub Total	**92**	**0.02**	**-**
Residential Subtotal	**8,070**	**1.81**	**-**

Program	YTD		
	Energy (MWH)	Demand (MW)	Gas (Therms)
Nonresidential Programs			
Large Nonresidential Comprehensive Retrofit			
Emerging Technologies			
Mass Market Information			
Energy Centers - CTAC/AGTAC			
Agricultural/Pumping Services	934	-	
Nonresidential SPC	1,524	0.01	
Express Efficiency (Large)	-	-	
Large Commercial Informational Services			
Large Industrial Informational Services			
TPI Administration/Solicitation Process			
General Support Activities[3]			
Sub Total	2,458	0.01	-
Small Nonresidential Comprehensive Retrofit			
Mass Market Information (Statewide)			
Emerging Technologies			
Energy Centers - CTAC/AGTAC			
TPI Administration/Solicitation Process			
Small Business Survey & Services	-	-	
Small SPC (Statewide)	773	0.04	
Agricultural/Pumping Services	934	-	
Express Efficiency (Sm/Med)	5,082	0.89	
Local Government Initiative			
Small Business Space Rental Upgrade			
General Support Activities[3]			
Sub Total	6,789	0.93	-
Nonresidential HVAC Turnover			
Emerging Technologies			
Mass Market Information			
Energy Centers - CTAC/AGTAC			
TPI Administration/Solicitation Process			
Express Efficiency - Upstream HVAC			
Express Efficiency (Sm/Med)	-	-	
Express Efficiency (Large)	-	-	
Nonresidential SPC	1,524	0.01	
Large Commercial Informational Services			
Large Industrial Informational Services			
HVAC Commissioning Pilot Program			
HVAC Diagnostic Program (Check-Me)			
General Support Activities[3]			
Sub Total	1,524	0.01	-

Motor Turnover			
Emerging Technologies			
Mass Market Information			
Energy Centers - CTAC/AGTAC			
Agricultural/Pumping Services	934	-	
Express Efficiency - Upstream Motors	-	-	
Nonresidential SPC	1,524	0.01	
Large Commercial Informational Services			
Large Industrial Informational Services			
Agricultural Energy Efficiency Incentives			
TPI Administration/Solicitation Process			
General Support Activities[3]			
Sub Total	2,458	0.01	-
Nonresidential Process Overhaul			
Emerging Technologies			
Mass Market Information			
Energy Centers - CTAC/AGTAC			
Agricultural/Pumping Services	934	-	
Nonresidential SPC	1,524	0.01	
Large Industrial Informational Services			
TPI Administration/Solicitation Process			
General Support Activities[3]			
Sub Total	2,458	0.01	-
Commercial Remodeling Renovation			
Emerging Technologies			
Mass Market Information			
Energy Centers - CTAC/AGTAC			
Nonresidential SPC	1,524	0.01	
Express Efficiency (Large)	-	-	
Large Commercial Informational Services			
Large Industrial Informational Services			
Savings By Design	5,370	0.57	
TPI Administration/Solicitation Process			
General Support Activities[3]			
Sub Total	6,893	0.58	-
Nonresidential Subtotal	**22,579**	**1.54**	**-**

Program	YTD		
	Energy (MWH)	Demand (MW)	Gas (Therms)
New Construction Programs			
Residential New Construction			
Emerging Technologies			
Mass Market Information			
Energy Centers - CTAC/AGTAC			
TPI Administration/Solicitation Process			
Residential New Construction	-	-	
Local Government Initiatives			
General Support Activities[3]			
Sub Total	-	-	-
Commercial New Construction			
Emerging Technologies			
Mass Market Information			
Energy Centers - CTAC/AGTAC			
TPI Administration/Solicitation Process			
Savings By Design	5,158	1.02	
Energy Design Resources			
General Support Activities[3]			
Sub Total	5,158	1.02	-
Industrial and Agricultural New Construction			
Emerging Technologies			
Energy Centers - CTAC/AGTAC			
Savings By Design (statewide)	573	0.11	
Energy Efficiency Incentives			
TPI Administration/Solicitation Process			
General Support Activities[3]			
Sub Total	573	0.11	-
New Construction Codes & Standards Support and Local Government Initiatives			
Emerging Technologies			
Energy Centers - CTAC/AGTAC			
TPI Administration/Solicitation Process			
Local Government Initiatives			
General Support Activities[3]			
Sub Total	-	-	-
New Construction Subtotal	**5,731**	**1.13**	**-**

TOTALS	**36,380**	**4.48**	**-**

TABLE 6.3
STATEWIDE AND CROSSCUTTING PROGRAM BUDGET AND EXPENDITURE - YTD
PY 2002
($ millions)

Program	PG&E				SoCal Gas				SoCal Edison				SDG&E				Statewide Total			
	1st Ouarter	Actual	Commitments	Total	1st Ouarter	Actual	Commitments	Total	1st Ouarter	Actual	Commitments	Total	1st Ouarter	Actual	Commitments	Total	1st Ouarter	Actual	Commitments	Total
Single Family Rebate [3]	-	-	-	-	0.12	0.16	-	0.16	-	-	-	-	0.47	0.41	0.04	0.46	0.59	0.57	0.04	0.62
Multi-Family Rebate [4]	-	-	-	-	-	-	-	-	0.09	0.03	0.06	0.09	0.42	0.36	0.06	0.43	0.51	0.40	0.12	0.52
Upstream Lighting Program	-	-	-	-	-	-	-	-	0.06	0.03	0.02	0.06	0.25	0.25	-	0.25	0.31	0.29	0.02	0.31
Upstream Appliance Program	-	-	-	-	-	-	-	-	0.01	0.01	-	0.01	-	0.00	-	0.00	0.01	0.01	-	0.01
Statewide Residential Energy Guide	-	-	-	-	0.01	0.01	-	0.01	0.05	0.01	0.04	0.05	-	0.00	-	0.00	0.06	0.02	0.04	0.06
Large SPC Program	0.80	0.04	1.06	1.10	-	-	-	-	1.41	0.28	1.14	1.41	0.23	0.04	0.20	0.24	2.44	0.36	2.39	2.75
Small SPC Program	-	-	-	-	-	-	-	-	0.24	0.02	0.22	0.24	0.22	0.04	0.18	0.22	0.45	0.06	0.39	0.45
Express Efficiency Program [1]	2.70	0.31	1.50	1.80	0.16	0.03	-	0.03	0.66	0.17	0.49	0.66	0.20	0.16	0.15	0.31	3.72	0.65	2.13	2.79
Statewide Business Energy Guide	-	-	-	-	-	-	-	-	0.01	0.01	(0.00)	0.01	-	-	-	-	0.01	0.01	(0.00)	0.01
Savings By Design Program [2]	1.34	0.46	1.13	1.59	0.07	0.08	-	0.08	1.05	0.20	0.85	1.05	0.46	0.16	0.26	0.42	2.92	0.90	2.24	3.14
Energy Design Resources Program	0.43	0.38	0.05	0.43	-	-	-	-	0.03	0.01	0.02	0.03	0.04	0.05	-	0.05	0.50	0.44	0.07	0.51
Codes and Standards Support Effort	0.06	0.05	0.01	0.05	-	-	-	-	0.41	-	0.41	0.41	0.01	0.01	-	0.01	0.48	0.05	0.42	0.47
Emerging Technologies	0.05	0.01	0.06	0.07	0.13	0.09	-	0.09	0.10	0.04	0.06	0.10	-	(0.00)	-	(0.00)	0.28	0.13	0.12	0.26
Energy Centers	0.52	1.20	-	1.20	0.31	0.33	-	0.33	0.49	0.46	0.03	0.49	-	-	-	-	1.32	1.99	0.03	2.03
Statewide Program Total	**5.90**	**2.44**	**3.80**	**6.24**	**0.80**	**0.69**	**-**	**0.69**	**4.61**	**1.26**	**3.35**	**4.61**	**2.23**	**1.49**	**0.82**	**2.31**	**13.61**	**5.88**	**8.04**	**13.92**

[1] PG&E Express Efficiency is downstream only

[2] PG&E and SDG&E Savings By Design includes only the New Construction Savings By Design

[3] Budget for SDG&E Residential Contractor Program Single Family (RCPSF) also includes the savings for the Single Family Rebate

[4] Budget for SDG&E Residential Contractor Program Multifamily (RCPMF) also includes the Small Complex Self-Sponsorship/ SCSSP and Lighting and

TABLE 6.4
STATEWIDE AND CROSS-CUTTING PROGRAM ENERGY AND DEMAND NET REDUCTIONS - YTD
PY 2002

Program	PG&E			SoCal Gas			SoCal Edison			SDG&E			Statewide Total		
	Energy MWh	Demand MW	Gas Therms	Energy MWh	Demand MW	Gas Therms	Energy MWh	Demand MW	Gas Therms	Energy MWh	Demand MW	Gas Therms	Energy MWh	Demand MW	Gas Therms
Single Family Rebate	-	-	-	-	-	-	-	-	-	82	0.08	14,575	82	0.08	14,575
Multi-Family Rebate	-	-	-	-	-	-	-	-	-	1,057	0.03	117,436	1,057	0.03	117,436
Upstream Lighting Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Upstream Appliance Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statewide Residential Energy Guide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Large SPC Program	2,329	0.07	598,791	-	-	-	7,619	0.03	-	539	0.00	-	10,487	0.10	598,791
Small SPC Program	-	-	-	-	-	-	773	0.04	-	726	0.01	37,450	1,498	0.05	37,450
Express Efficiency Program	22,128	3.43	28,520	-	-	13,869	5,082	0.89	-	3,374	0.78	2	30,584	5.10	42,391
Statewide Business Energy Guide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Savings By Design Program	5,619	2.28	44,975	-	-	-	11,100	1.70	-	980	0.45	2,436	17,700	4.44	47,411
Energy Design Resources Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Codes and Standards Support Effort	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emerging Technologies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Centers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Statewide Program Total	**30,075**	**5.78**	**672,286**	**-**	**-**	**13,869**	**24,575**	**2.67**	**-**	**6,757**	**1.37**	**171,899**	**61,407**	**9.81**	**858,054**

SoCalGas Q1/02 savings for Single Family Rebate, Multi-Family Rebate, and Upstream Appliance programs not included since SBX1 5 dollars provided funding for those programs' rebates.

Section 7: Market Assessment & Evaluation Studies

Southern California Edison Company's
Statewide and Utility-Level Evaluation Projects

Study Area	Project ID	Project Title	Project Description	Project Objective (or milestone addressed for utility-level studies)	Lead Utility	Contact (Project/Area Manager)	Budget	Project Status	Expected Date of Completed Report
Statewide Studies PY 2000									
NEW CONSTRUCTION	SW016	NRNC Building Efficiency and Program Process Assessment	Data developed on ongoing basis. Quantify whole bldg and end use savings and efficiencies of both SBD part & nonpart bldgs. Collect process data (attitudes, practices) re the Statewide Savings By Design Program by interviewing active program participants as they go through program process.	Final report originally scheduled to cover 4th quarter 2000 through 2nd quarter 2000, scheduled for 6/30/02, has been canceled in favor of producing a single report that will cover 4th quarter 2000 through 4th quarter 2001, to be completed on 8/31/02. See SW064 in PY2001 Statewide Studies section.	SCE	Douglas Mahone	$ 640,000	Draft Reporting	08/31/2002
NONRESIDENTIAL	SW026	Evaluation of PY2000 Nonresidential SPC Program	Process evaluation with estimates of eventual program impacts	Main report on this project completed 11/01 with the title of "Improving the Standard Performance Program: An	SCE	Pierre Landry	$ 235,000	Completed	04/26/2002

				Examination of the Historical Evidence to Directions for the Future". Appendix completed 4/26/02.					
Statewide Studies PY 2001									
NEW CONSTRUCTION	SW064	NRNC Building Efficiency and Program Process Assessment - Continuation of SW016	Data developed on ongoing basis. Quantify whole bldg and end use savings and efficiencies of both SBD part & nonpart bldgs. Collect process data (attitudes, practices) re the Statewide Savings By Design Program by interviewing active program participants as they go through program process. Results will provide immediate feedback to program mgrs and policy makers.	1) Conduct detailed onsite surveys and build DOE-2 models of ea bldg in the sample. Calculate energy savings by end use for whole bldgs. Devp quantifiable info on changes in bldg efficiency attributable to Savings By Design program. 2) Establish an early baseline of program part attitudes & response to Program. Data will be gathered regularly to track changes over time. The next report will cover 4th quarter 2000 through 4th quarter 2001.	SCE	Douglas Mahone	$ -	Data Collection	08/31/2002

RESIDENTIAL	SW048	Statewide Residential Customer Needs Assessment Study	This study was sought by some stakeholders and ordered by the Administrative Law Judge on October 25, 2000. The overall research objective is to assess the needs of residential customers, with a particular focus on hard-to-reach customers, as they relate to greater program participation and adoption of energy efficiency measures. Additionally, the intent is to develop outreach strategies and program design features to foster program participation and measure adoption. The proposed study will specially focus on hard-to-reach residential customer segments defined as multi-family housing; tenants; limited-English speaking customers; moderate-income customers; and rural customers.	1. Provide in a single summary study a variety of information on the needs of the residential customer segments, with a particular focus on the segments identified as hard-to-reach: multi-family housing; tenants; limited-English speaking customers; moderate income customers; and rural customers; 2. Use the information gathered to suggest outreach strategies and program design features to foster greater program participation among hard-to-reach customer groups to promote the residential programs; and 3. Use the needs information to suggest program design features that can increase customer adoption of measures promoted through the residential programs.	SCE	Shahana Samiullah	$ 89,775	Completed	07/15/2001

NONRESIDENTIAL	SW053	Process Evaluation of PY2001 SPC Program	Process evaluation to assist in planning the 2002 SPC Program	Investigating whether program changes for 2001 affect who participates and why.	SCE	Pierre Landry	$ 60,000	Completed	12/06/2001
NEW CONSTRUCTION	SW057	Lighting Controls Effectiveness Assessment	Study the effectiveness of manually switched lighting controls, such as bi-level switching. Study includes data collection of occupancy patterns and lighting operation.	There are four objectives: 1. Measure actual operation of typical lighting controls as influenced by occupant behavior, 2. Estimate demand and energy savings of manual switching, 3. Identify occupant behavior that reduce savings potential, and 4. Compare actual savings to Title 24 assumptions of savings	SCE	Cathy Chappell	$ 125,000	Draft Reporting	05/31/2002
RESIDENTIAL	SW058	Statewide RCP Energy and Market Impact Assessment Study 2001	This object of this study is to measure energy impacts for the single family and multi-family RCP program. Also, it will be examining of diffusion of program promoting measures among the contractor segments through key market effects indicators.	To measure energy impacts for single family and multi-family RCP program and examine diffusion of program promoted measures.	SCE	Shahana Samiullah	$ 250,000	Draft Reporting	06/30/2002

RESIDENTIAL	SW059	Residential Market Share Tracking (2001)	Establish market share baseline for various types of high-efficiency residential measures and track movement of market share over time. There will be reports coming out as data are analyzed.	To monitor the changing level of energy efficient market shares for various targeted end use measures.	SCE	Richard Pulliam	$ 390,000	Data Collection	08/30/2002
GENERAL PURPOSE	SW060	Statewide Summary Study of 2001 Energy Efficiency Programs	Summarize and review energy savings and costs of 2001 energy efficiency programs offered by the utilities and other agencies in California.	Assess program estimates, identify lessons learned from programs, and provide recommendations for follow-up research.	SCE	Marian Brown	$ 30,000	RFP out	08/31/2002
						Sub-Total PY2001	**$ 944,775**		
Utility Specific Studies PY 2001									
NONRESIDENTIAL	US142	Analysis of Air Conditioner Recycling Programs	Review of available studies; interviews with appliance retailers and program managers. Analysis and recommendations regarding a potential new SCE program.	To assess the energy savings and program design strengths and weaknesses of air conditioner recycling programs.	SCE	Shahana Samiullah	$ 7,000	Completed	05/01/2001
NONRESIDENTIAL	US143	Evaluation of SCE Schools Program	Review of program materials, interviews with program managers and participating teachers, review of energy savings estimates, analysis of strengths and	To provide a basis for determining which program or programs to continue funding; to make recommendations for improving the programs.	SCE	Angela Jones	$ 30,000	Completed	08/31/2001

			weaknesses.						
RESIDENTIAL	US144	Residential Audit Programs Evaluation	Review program materials, gather program data, analyze program delivery and energy savings attributable to website, in-home, mail-in, telephone and time-of-sale audits.	To improve estimates of energy savings achieved by each type of audit program and to assess customer satisfaction with the audit programs.	SCE	Angela Jones	$ 85,000	Analysis	06/30/2002
GENERAL PURPOSE	US145	Evaluation of Pool Pump Timer Program	Statewide impact and process evaluation, managed by PG&E, co-funded by 3 utilities. The budget in this table represents SCE's portion on this evaluation.	To develop estimates of the energy and demand savings achieved by the program.	SCE	Richard Pulliam	$ 60,000	Final Reporting	05/01/2002
RESIDENTIAL	US146	Conservation Motivation Study	Survey and analysis to identify residential customer groups with various motivations for conserving energy, their conservation, and the effects of other factors.	To provide information for designing and targeting effective conservation messages.	SCE	Marian Brown	$ 20,000	Draft Reporting	06/30/2002
RESIDENTIAL	US147	Refrigerator Recycling Impact Analysis	Updated analysis of program participants and energy usage of recycled refrigerators.	To provide updated energy savings estimates for the program.	SCE	Shahana Samiullah	$ 60,000	Pre-RFP	12/31/2002

GENERAL PURPOSE	US148	Energy Design Resources Usage Study	Evaluation of patterns of usage of energy design tools provided by SCE.	To provide a qualitative assessment of the impact of the program and to make recommendations for program design and delivery.	SCE	Douglas Mahone	$ 40,000	RFP out	12/31/2002
GENERAL PURPOSE	US149	Unit Energy Savings Analysis	To update the engineering algorithms that SCE uses to estimate measure energy savings across all sectors.	To provide more current and accurate UES estimates by incorporating the effects of new appliance and building standards and new technologies.	SCE	Marian Brown	$ 200,000	Data Collection	12/31/2002
GENERAL PURPOSE	US150	Strategic Options Analysis of EE Programs	Develop and test a model that uses a financial markets methodology (the Black-Scholes approach) to estimate a different type of benefit provided by EE programs.	To assess a new methodology that estimates the option value of EE program portfolios in reducing future energy price volatility.	SCE	Marian Brown	$ 40,000	Draft Reporting	06/30/2002
GENERAL PURPOSE	US151	Conference and Study regarding Summer 2001-focused Energy Efficiency Programs	A national study and conference with particular emphasis on California, co-funded by 3 California utilities, the CEC, and other organizations.	To provide information to policymakers about the contributions and lessons learned about reliability-focused energy efficiency programs.	SCE	Marian Brown	$ 25,000	Completed	04/30/2002
GENERAL PURPOSE	US152	Market Potential Database	Develop a database that can quickly provide market potential estimates for a wide variety of EE measures or end	This project was superseded by the new CPUC required potential study.	SCE	Pierre Landry	$ -	Cancelled	

			uses in the SCE service territory.						
						Sub-Total PY2001	**$**	**567,000**	
						Sub-Total PY2001	**$**	**1,511,775**	

Pacific Gas & Electric Company's
Statewide and Utility-Level Evaluation Projects

Study Area	Project ID	Project Title	Project Description	Project Objective (or milestone addressed for utility-level studies)	Lead Utility	Contact (Project/Area Manager)	Budget	Project Status	Expected Date of Completed Report
Statewide Studies PY 2000									
NONRESIDENTIAL	SW039	Studies of Small/ Medium Nonresidential Program Elements	1) Assessment of market potential for energy efficiency in the nonres sector. 2) Continue to study, evaluate & support program interventions in sm nonres mkt. 3) Hard to reach participation analysis. 4) Needs assessment for small nonres customers. 5) MA&E tracking in small nonres sector, 6) Express Efficiency tracking	6 Reports are the result of this study. 1) LED Traffic Saturation Study - Completed, 1/8/02 2) Small Customer Wants & Needs Study - Completed, 2/15/02 3) Commercial Sector Electric Market Potential Study - Final Reporting, Due 5/10/02 4) Nonresidential Hard-to-Reach Assessment - Completed, 2/15/02 5) Costs for Reaching Small/Medium Commercial Customer - Project Initiation, Due 8/02. 6) Owner Renter Least Language - Data Collection, Due 7/02.	PG&E	Chris Ann Dickerson	$ 1,200,000	Final Reporting	Varies
Utility-level Studies PY 2000 - No MA&E utility specific studies occurred in PY2000									

Statewide Studies PY 2001									
RESIDENTIAL	SW049	Summer Initiative Pool Pump Program Evaluation	Market characterization, baseline, and post impact evaluation of the program.	To assess the peak impacts of the pool pumps program.	PG&E	Mary Kay Gobris	$ 181,230	Completed	04/30/2002
RESIDENTIAL	SW050	M&V Study for 2001 RNC Programs	Will provide estimates and energy and demand for measures typically installed as part of residential new construction programs. This study will determine energy savings from energy efficiency measures that exceed Title 24 requirements. Since Title 24 regulations were be revised in July 1999, the previous savings estimates need to be updated to reflect changes in Title 24. The results of this study will be used to prepare estimates of the peak and energy savings impacts of PY 2001 programs.	Using the results of the Title 24 simulation models (Builder Compliance to Title 24) and results of previous evaluations, determine energy savings. This study will utilize the results from Builder Compliance to Title 24 particularly the "as built" building characteristics of residential new construction.	PG&E	Mary Kay Gobris	$ 20,000	Completed	10/25/2001
NONRESIDENTIAL	SW054	Industrial Sector Case Studies	The purpose of the research is to provide input for future industrial sector program enhancements The focus will be on the industries and/or end-uses with significant demand	Identify how to capture the largest untapped potential identified in SW021.	PG&E	Rafael Friedmann	$ 300,000	Under Contract Finalization	12/31/2002

			reduction potential.						
NONRESIDENTIAL	SW055	Market Assessment of Small and Medium Industrial Sectors (Previously - Ongoing Program & Marketing Tracking)	The purpose of the research is to provide input for the design and/or enhancements to future industrial sector programs targeted at the small and medium customers that can be considered under-served.	Examine patterns of use and untapped opportunities for energy efficiency in small and medium industrial customers and understand these customer needs and wants. To propose energy efficiency programs to them.	PG&E	Rafael Friedmann	$ 300,000	Under Contract Finalization	12/31/2002
NONRESIDENTIAL	SW056	Compressed Air Persistence Study	This study is an extension of CPUC persistence study 3B that sought to examine on the ongoing basis compressed air systems by installing monitoring equipment. This study provides a relatively inexpensive way to determine the continued commitment of plant managers (and thus the persistence of energy savings) in using the results of the monitoring equipment in maintaining their facilities.	The results of this study will be used to determine the persistence of energy savings initiated as a result of installing monitoring equipment from previous programs and will be used to decide if the continued subsidy of this type of equipment is cost-effective for ratepayers.	PG&E	Rafael Friedmann	$ 30,000	Final Reporting	06/30/2002

NONRESIDENTIAL	SW061	Commercial Sector Gas Market Potential	Assess the remaining cost effective market potential for energy efficient gas measures statewide.	Assess the remaining cost effective market potential for energy efficient gas measures statewide.	PG&E	Chris Ann Dickerson	$ 200,000	Project Initiation	08/30/2002
RESIDENTIAL	SW063	Residential Market Potential Project	This study will focus on existing buildings. Savings potentials will be developed by utility and dwelling type. Weather sensitive measures will be analyzed by CEC Forecast Climate Zone. Both electricity and natural gas fuels will be addressed. The study will develop estimates of technical, economic, and achievable potential. Scenarios will be built to deal with uncertainties such as marginal costs.	Identify and estimate the amount of cost-effective gas and electric savings potential in the residential sector for PG&E, SCE, SDG&E, and SoCalGas.	PG&E	Rafael Friedmann	$ 150,000	Project Initiation	06/30/2002
						Sub-Total PY2001	**$ 1,181,230**		
Utility Specific Studies PY 2001									
RESIDENTIAL	US137	Residential Load Database Development and Analysis	Load Data Cleaning and Analysis	To provide estimates of peak load usage in order to develop H-factors (percentage demand/energy use by daytype and time-of-day) to use in estimating program impacts.	PG&E	Valerie Richardson	$ 69,635	Completed	12/31/2001

RESIDENTIAL / NONRESIDENTIAL	US138	1-2-3 Cashback Assessment	Program Evaluation and Assessment of 1-2-3 Cashback	To determine effectiveness of 1-2-3 Cashback in communicating no-cost, low-cost and investment opportunities and influencing behavior and practices for reducing energy use.	PG&E	Kenneth James	$ 232,000	Analysis	06/30/2002
NEW CONSTRUCTION	US139	Multi-family Water Heating HVAC/Window Survey	Baseline Study	To determine baseline practices for MF new construction to determine possible changes in codes and standards	PG&E	Mary Kay Gobris	$ 275,000	Data Collection	12/31/2002
NEW CONSTRUCTION	US140	Task Lighting Field Study	Baseline Study	To determine baseline practices in task lighting and possible changes to codes and standards.	PG&E	Mary Kay Gobris	$ 50,000	Data Collection	07/01/2002
RESIDENTIAL	US141	Non-Energy Benefits of High Efficiency Washers Assessment	Determine cost benefits from non-energy related areas for high efficiency clothes washers and dish washers rebated by PG&E Programs.	To monetize the non-energy benefits of decreased water use, reduced detergent use, and reduced dryer use for high efficiency clothes washers and dishwashers.	PG&E	Rafael Friedmann	$ 20,000	Completed	12/12/2001
						Sub-Total PY2001	**$ 646,635**		
						Total PY2001	**$ 1,827,865**		

Southern California Gas Company's
Statewide and Utility-Level Evaluation Projects

Study Area	Project ID	Project Title	Project Description	Project Objective (or milestone addressed for utility-level studies)	Lead Utility	Contact (Project/Area Manager)	Budget	Project Status	Expected Date of Completed Report
Utility-level Studies PY 2000									
All PY2000 Studies have been completed.									
						Total PY2000	**$ 265,000**		
Utility-level Studies PY 2001									
All PY2001 Studies have been completed.									
						Total PY2001	**$ 320,000**		

San Diego Gas & Electric Company's
Statewide and Utility-Level Evaluation Projects

Study Area	Project ID	Project Title	Project Description	Project Objective (or milestone addressed for utility-level studies)	Lead Utility	Contact (Project/Area Manager)	Budget	Project Status	Expected Date of Completed Report
Statewide Studies PY 2001									
RESIDENTIAL	SW051	Implementation of Phase 4 of the Round II Statewide Lighting & Appliance Study	1) Collect pertinent data to track mkt indicators identified in Study Phases 1-3. 2) Assess mkt effects of energy efficiency programs by: documenting changes, estimating & quantifying hypothesized mkt effects through data collection, linking mkt effects. Estimate Load Impacts from 2001 statewide programs administered by parties outside the	Complete market effects studies that evaluate progress of these programs towards market transformation.	SDG&E	Rob Rubin	$ 350,000	Completed	05/01/2002

			utilities.						
RESIDENTIAL	SW052	Residential Ceiling Fans	Energy Star ceiling fans will be available in 2001. However, due to lack of data on the run hours of the fan motor and the lighting, energy savings cannot accurately be determined.	Determine the run hours of existing residential ceiling fan motors and lights in California.	SDG&E	Rob Rubin	$ 150,000	Analysis	08/01/2002
						Sub-Total PY2001	**$ 500,000**		
Utility Specific Studies PY 2001									
RESIDENTIAL	US128	Evaluation of the Residential Lighting Program	Increase the purchase and availability of ENERGY STAR qualified Lighting and will produce measurable energy savings by increasing the use of energy-	Increase by 1 the number of eligible retailers (companies) participating in the co-op program. An eligible retail company for the purpose of this milestone is defined as one with 10 or more stores that conduct business with the public	SDG&E	Rob Rubin	$ 25,000	Completed	05/01/2002

			efficient Lighting in residential applications.	on a retail basis which sells ENERGY STAR® lighting products. (Level 2 Performance – none)					
RESIDENTIAL	US129	Evaluation of the Residential Appliances Program	Increase the purchase and availability of ENERGY STAR qualified Appliances and will produce measurable energy savings by increasing the use of energy-efficient Appliances in residential applications.	Of the 6 major appliance manufacturers that produce ENERGY STAR® qualified products (clothes washers, dishwashers, and refrigerators), sign-up 2 of these major manufacturers to the 2001 co-op program. (Level 2 Performance –1 manufacturer)	SDG&E	Rob Rubin	$ 25,000	Completed	05/01/2002
NEW CONSTRUCTION	US130	Evaluation of the Large Nonresidential Comprehensive Retrofit Program	Work with large customers to develop demonstration projects to promote emerging technologies.	During PY2001, increase by 3 customers that install or commit to install a high-reflectivity roof over the PY2000 baseline. (Level 2 Performance - increase by 2 customers)	SDG&E	Andrew Sickles	$ 150,000	Completed	05/01/2002

NEW CONSTRUCTION	US131	Market Assessment Study for Residential New Construction Program - Single Family	To increase the number of energy efficient, CHEERS-rated, ENERGY STAR® qualified homes and to increase the number of design centers participating in the program.	Achieve 25 % market share increase of newly constructed ENERGY STAR® homes over the 2000 base year (12.5% market share) - (Level 2 Performance - Scaleable where 70% = 17.5% market share increase)	SDG&E	Kevin McKinley	$ 75,000	Completed	05/01/2002
NEW CONSTRUCTION	US132	Market Assessment Study for Residential New Construction Program - Multi-Family	To increase the number of energy efficient, CHEERS-rated qualified homes and to increase the number of design centers participating in the program.	Achieve 8 % market share of newly constructed high efficiency units (i.e., units that exceed Title 24 Standard in place at the end of 2000 by 15%) - (Level 2 Performance - Scaleable where 70% = 5.6% market share	SDG&E	Kevin McKinley	$ 75,000	Completed	05/01/2002
RESIDENTIAL	US133	Evaluation of the Residential Schools Program	Process evaluation	Evaluation of new pilot program.	SDG&E	Rob Rubin	$ 50,000	Completed	12/01/2001
GENERAL PURPOSE	US134	Ridgehaven Building	Case Study	Case Study Update of the City of San Diego's Ridgehaven Green Building - review and describe building's operating results during past 4 years since completion and occupancy	SDG&E	Rob Rubin	$ 10,000	Completed	04/01/2002

RESIDENTIAL / NONRESIDENTIAL	US135	Evaluation of Residential and Nonresidential Audit Programs	Follow-up surveys and analysis	To determine if audit participants who do NOT participate in follow-up SDG&E energy efficiency programs implement recommendations for EE measures and/or behavioral changes from the audit	SDG&E	Kevin McKinley	$ 20,000	Completed	05/01/2002
GENERAL PURPOSE	US136	Cost Effectiveness Updates	Cost-Effectiveness Assumptions to be verified, validated & expanded	1) Verify Input assumptions (savings), 2) Identify Commercially available technologies not currently being offered, 3) Identify Emerging Technologies (available in 2003,'04, & '05)	SDG&E	Andrew Sickles	$ 169,000	Final Reporting	06/01/2002
						Sub-Total PY2001	**$ 599,000**		
						Total PY2001	**$ 1,099,000**		

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2000 - 2001 Statewide Projects - Rev. 5/02/02

Types of Evaluations within the Ongoing Statewide Projects*

Study Area	Baseline	Efffectiveness	Impact	Market Assessment and/or Characterization	Market Tracking	Other Type of Project	Planning and Scoping	Process
2001 Summer Initiative	0	0	0	0	0	0	0	0
Project is cross cutting of current areas	1	1	1	2	0	2	2	0
RESIDENTIAL								
Residential Lighting and Appliance	1	0	0	0	0	0	1	0
Residential Market Share Tracking	0	0	0	0	1	0	0	0
Residential Retrofit, Renovation, and HVAC	0	0	1	1	0	0	0	0
NONRESIDENTIAL								
Small Nonresidential Retrofit and Turnover	1	0	0	1	0	0	0	1
Large Nonresidential Retrofit and Turnover	0	0	0	0	0	0	0	0
Nonresidential Remodeling and Renovation	0	0	0	1	0	0	0	0
Nonresidential Market Share Tracking	0	0	0	0	1	0	0	0
Industrial	0	0	1	1	1	1	1	0
NEW CONSTRUCTION								
Nonresidential New Construction	1	0	2	1	0	0	0	2
Industrial/Agricultural New Construction	0	0	0	0	0	0	0	0
Codes and Standards Support and Local Government Initiatives	0	0	0	0	0	0	0	0
All Areas	**4**	**1**	**5**	**7**	**3**	**3**	**4**	**3**

*One project can be put into more than one evaluation type, therefore the numbers shown here are greater than the actual number of evaluations.

MA&E Projects By Type Of Evaluation

Project Type	MA&E Study Area	Project Number
Baseline	NRNC	SW057
	RLA	SW052
	SNR	SW039
	XCUT	SW044
Efffectiveness	XCUT	SW063
Impact	IND	SW056
	NRNC	SW016
	NRNC	SW064
	RRR	SW058
	XCUT	SW060
Market Assessment and/or Characterization	IND	SW054
	NRNC	SW057
	NRRR	SW013
	RRR	SW058
	SNR	SW039
	XCUT	SW044
	XCUT	SW061

Project Type	MA&E Study Area	Project Number
Market Tracking	IND	SW055
	NRMST	SW020
	RMST	SW059
Other Type of Project	IND	SW056
	XCUT	SW047
	XCUT	SW062
Planning and Scoping	IND	SW054
	RLA	SW052
	XCUT	SW060
	XCUT	SW063
Process	NRNC	SW016
	NRNC	SW064
	SNR	SW039

Study Area	Project ID	Project Name	2002					2003					2004	
			Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2
PG&E - PY 2000						◆ 8/31							
NONRESIDENTIAL	SW039	Studies of Small/Medium Nonresidential Program Elements				◆ 8/31							
PG&E - PY 2001													
RESIDENTIAL	SW049	Summer Initiative Pool Pump Program Evaluation			◆ 4/30								
RESIDENTIAL	SW050	M&V Study for 2001 RNC Program	◆ 10/25										
NONRESIDENTIAL	SW054	Industrial Sector Case Studies						◆ 12/31					
NONRESIDENTIAL	SW055	Market Assessment of Small and Medium Industrial Sectors						◆ 12/31					
NONRESIDENTIAL	SW056	Compressed Air Persistence Study				◆ 6/30							
NONRESIDENTIAL	SW061	Commercial Sector Gas Market Potential				◆ 8/30							
RESIDENTIAL	SW063	Residential Market Potential Project				◆ 6/30							
RESIDENTIAL	US137	Residential Load Database Development and Analysis		◆ 12/31									
RESIDENTIAL / NONRESIDENTIAL	US138	1-2-3 Cashback Assessment				◆ 6/30							
NEW CONSTRUCTION	US139	Multi-family Water Heating HVAC/ Window Survey						◆ 12/31					
NEW CONSTRUCTION	US140	Task Lighting Field Study				◆ 7/1							
RESIDENTIAL	US141	Non-Energy Benefits of High Efficiency Washers Assessment		◆ 12/12									

Study Area	Project ID	Project Name	2002 Qtr 2	2002 Qtr 3	2002 Qtr 4	2002 Qtr 1	2002 Qtr 2	2002 Qtr 3	2002 Qtr 4	2003 Qtr 1	2003 Qtr 2	2003 Qtr 3	2003 Qtr 4
SCE - PY 2000													
NEW CONSTRUCTION	SW016	NRNC Building Efficiency and Program Process Assessment							8/31				
NONRESIDENTIAL	SW026	Evaluation of PY2000 Nonresidential SPC Program					4/26						
SCE - PY 2001													
RESIDENTIAL	SW048	Statewide Residential Needs Study		7/15									
NONRESIDENTIAL	SW053	Process Evaluation of PY2001 SPC Program			12/6								
NONRESIDENTIAL	SW057	Lighting Controls Effectiveness Assessment					5/31						
RESIDENTIAL	SW058	Statewide RCP Energy and Market Impact Assessment Study 2001						6/30					
NONRESIDENTIAL	SW059	Market Share Tracking (2001)							8/30				
GENERALPURPOSE	SW060	Statewide Summary Study of 2001 Energy Efficiency Programs							8/31				
NEW CONSTRUCTION	SW064	NRNC Building Efficiency and Program Process Assessment - Continuation of SW016							8/31				
NONRESIDENTIAL	US142	Analysis of Air Conditioner Recycling Programs	5/1										
NONRESIDENTIAL	US143	Evaluation of SCE Schools Program		8/31									
RESIDENTIAL	US144	Residential Audit Programs Evaluation						6/30					
GENERALPURPOSE	US145	Evaluation of Pool Pump Timer Program					5/1						
GENERALPURPOSE	US146	Conservation Motivation Study						6/30					
RESIDENTIAL	US147	Refrigerator Recycling Impact Analysis								12/31			
GENERALPURPOSE	US148	Energy Design Resources Usage Study								12/31			
GENERALPURPOSE	US149	Unit Energy Savings Analysis								12/31			
GENERALPURPOSE	US150	Strategic Options Analysis of EE Programs						6/30					
GENERALPURPOSE	US151	Conference and Study regarding Summer 2001-focused Energy Efficiency Programs					4/30						

Study Area	Project ID	Project Name		2002				2003				2004	
			Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2
SDG&E - PY 2001													
RESIDENTIAL	SW051	Implementation of Phase 4 of the Round II Statewide Lighting & Appliance Study			5/1								
RESIDENTIAL	SW052	Residential Ceiling Fans				8/1							
RESIDENTIAL	US128	Evaluation of the Residential Lighting Program			5/1								
RESIDENTIAL	US129	Evaluation of the Residential Appliance Program			5/1								
NEW CONSTRUCTION	US130	Evaluation of the Large Nonresidential Comprehensive Retrofit Program			5/1								
NEW CONSTRUCTION	US131	Market Assessment Study for Residential New Construction Program - Single Family			5/1								
NEW CONSTRUCTION	US132	Market Assessment Study for Residential New Construction Program - Multi-Family			5/1								
RESIDENTIAL	US133	Evaluation of the Residential Schools Program		12/31									
GENERALPURPOSE	US134	Ridgehaven Building			4/1								
RESIDENTIAL / NONRESIDENTIAL	US135	Evaluaiton of Residential and Nonresidential Audit Programs			5/1								
GENERALPURPOSE	US136	Cost Effectiveness Updates				6/1							
CEC - PY 1999							10/30						
GENERALPURPOSE	SW020	Nonresidential Market Share Tracking					10/30						
CEC - PY 2000													
NONRESIDENTIAL	SW013	Nonresidential Remodeling and Renovation Study			4/30								
GENERALPURPOSE	SW044	California CEUS									9/15		
RESIDENTIAL	SW047	Residential Appliance Saturation Survey								6/30			
CEC - PY2001								12/31					
GENERALPURPOSE	SW062	DEER Update						12/31					

Section 8: Summer Initiative Programs

Southern California Edison Company provides updates below of those Summer 2000 Initiative programs that were authorized on a utility-specific basis, or where SCE was designated as the lead administrator.

Refrigerator Recycling Program

Program Element Summary
In the August 21, 2000 Ruling of Assigned Commissioners and Administrative Law Judge on Summer 2000 Energy Efficiency Initiative (SI), the Commission directed SCE to contract with the Appliance Centers of America (ARCA) to implement a Residential Refrigerator Recycling Program in the service territories of San Diego Gas & Electric (SDG&E) and Pacific Gas & Electric (PG&E). In this Ruling, the Commission directed SCE to administer the program for SDG&E and PG&E for purposes of streamlining administration and oversight since SCE already works with ARCA on SCE's existing program.

The Residential Refrigerator Recycling Program targets residential customers in SCE, SDG&E, and PG&E's service territories and provides a cash incentive to customers for recycling their old, inefficient refrigerators or freezers. ARCA picks up the old appliance from the customer's home at no charge and recycles it in an environmentally safe manner. The old appliances are taken to a staging area where they are later trucked to ARCA's recycling facility located in Compton, California.

Activity, Accomplishments, Market Progress and Modifications
The SI Residential Refrigerator Recycling program was completed in SCE's service territory at the end of 2000. SCE continues to offer a Residential Refrigerator Recycling program as part of its 2002 energy efficiency portfolio.

Pool Efficiency Program

Program Element Summary
The residential Pool efficiency Program (PEP!) was "piloted" towards the end of summer 2000 by SCE, PG&E, and SDG&E. The 2001 PEP! was a comprehensive set of swimming pool intervention strategies designed to reduce peak demand, energy consumption, and electric bills for consumers. It is designed to offer residential pool owners, who are receiving service on a non-time-of-use tariff, financial incentives for the purchase and installation of a high efficiency pool pump or motor, and to re-set pool pump timers to run during summer off-peak hours. The

program also includes an informational element to help build consumer awareness of energy consumption with pools.

Market objectives include: (1) reduction of peak demand by encouraging the operation of pool pumps during off peak hours; (2) reduction in electricity consumption by encouraging the replacement of pool pumps or motors with more energy-efficient units; (3) increase in the consumer awareness of swimming pool efficiencies through an educational campaign directed at pool owners.

Activities, Accomplishment, Market Progress, & Modifications
No program activity occurred during the first quarter of 2002 with the exception of servicing prior customer commitments from 2001 program activities.

Third Party Initiative Program

Program Element Summary
SCE's 2001 Summer Initiative third party initiative (SI TPI) solicited innovative marketing strategies and energy-efficient technologies from the non-utility energy services marketplace for SCE's territory. This program focused on projects that could be expected to achieve cost-effective peak demand reductions by June 2001. Four projects were selected through a competitive bid process in October 2000, with the total award amount for all projects at $1,700,000.

Activities, Accomplishment, Market Progress, & Modifications:
As of March, 2002, all SI TPI programs have either ended their contract obligations or were terminated by the contractor due to lack of program activity. Only one program (direct install lighting retrofit) achieved significant energy and demand savings. The following provides a summary on the progress of specific TPIs through the First Quarter of 2002:

- A subsidized installation initiative for small/medium nonresidential air conditioning pre-coolers encountered significant market resistance throughout the program deployment. The contractor was granted a time extension to pursue sales leads through First Quarter 2002, but did not achieve any sales and the contract ended this year.

- A residential new construction initiative offering builder incentives for high-efficiency air conditioners was unable to secure customer commitments throughout the program's marketing efforts, and the contractor ceased all operations at the end of 2001.

- This Time-of-Sale Home Inspection program was completed in 2001. The contractor sold the program concept to another company, as funding ended. At the end of 2001, over 8,000 inspections were completed, with 10,000 rebate coupons issued, but only 1 confirmed installation of a high-efficiency AC system by years end.

- A subsidized direct installation initiative for small/medium nonresidential lighting retrofits received overwhelming customer response, with the contractor expending all

program funding by the end of 2001. End of year results included demand savings of 0.84 MW and 2,585 MWh of annualized energy savings.

LED Traffic Signal Rebate Program

Program Element Summary

The LED Traffic Signal Rebate Program is a statewide program designed to encourage public agencies to replace incandescent traffic signals with efficient light emitting diode (LED) versions.

The program provides incentives for the following LED traffic signals:

- Red ball and arrow
- Green ball and arrow
- Amber flashing beacon
- Pedestrian hand
- Pedestrian hand/person combination

The program was designed to achieve demand reductions by June 2001; therefore, incentives of up to 100 percent of the hardware cost (installation cost and sales tax are the responsibility of the participant) were offered for signals installed by that time. For signals installed after June 2001, incentives were reduced by 50 percent. Incentives are provided for hardwired fixtures only (as available) and must meet the maximum power demand ratings set forth by the program requirements.

Activities, Accomplishment, Market Progress, & Modifications

- Activity for the first quarter focused on the final processing of prior commitments.
- No new applications were taken during the first quarter.

Campus Energy Efficiency Project

Program Element Summary

The Campus Energy Efficiency Project provides a directed incentive for energy demand reduction projects at two campuses in SCE territory. The two campuses are California State University Long Beach (CSULB) and California State Polytechnic University Pomona (Cal Poly). (California State University Dominguez Hills originally proposed a project for this program but has since withdrawn.) CSULB is conducting lighting retrofit projects at several campus buildings for a projected demand reduction of 1.7 MW and energy savings of 3,700 MWh. Cal Poly is installing a thermal energy storage system and making modifications to their HVAC system campus for a projected demand reduction of 1.5 MW and energy savings 3,900 MWh.

The $3.5 million incentive budget allocated to this program is split between the two campuses based on the projected energy savings. Incentives through this program will be paid to the respective campuses in increments of 50 percent up front, 40 percent at project completion and 10 percent upon delivery of a final project report. The final report will be used to report the results of the project and will include such information as project costs and actual per unit demand and energy savings.

Activities, Accomplishment, Market Progress, & Modifications

- No new activity took place during the first quarter of this year. All program activities were completed by the end of 2001.

Hard to Reach Program

Program Element Summary

- The program seeks to achieve peak demand savings through the installation of energy efficiency measures at multifamily apartment complexes, mobile home parks, and condominium complexes.
- Offers incentives (posted prices) for a wide variety of measures including: Energy Star lighting equipment, Energy Star refrigerators, Energy Star clothes washers, Energy Star dishwashers, HVAC equipment, thermal shell measures, water heaters, and water flow restrictors.
- Standardized statewide, including incentive levels, procedures, and contracts. The program is open to all project sponsors that have the appropriate licenses, bonding, certification, and insurance to perform the required work.
- Utility administers program; project sponsors identify and sell individual projects based upon an approved marketing plan.

Activities, Accomplishment, Market Progress, & Modifications

- As of the end of March 2002, 99% of the program budget had been paid to the project participants. That represents approximately 14,900 MWh of annualized energy savings and peak demand reduction of 7.2 MW.
- Three vendors still need to provide correct invoice information. Balance of program expected to complete by May 2002.

Beat the Heat

Program Element Summary

- Statewide program targets commercial and industrial users of halogen torchiere lamps and encourages them to replace those lamps with ENERGY STAR® models that save energy and demand, improve building comfort, and eliminate fire danger.

- Program also provides for recycling of halogen torchieres that are replaced.
- Ecos Consulting will provide this program in the service territories of PG&E, SCE and SDG&E. SDG&E will manage the contract with Ecos Consulting.

Activities, Accomplishment, Market Progress, & Modifications

- On January 22, 2002, SCE extended this program through March 31, 2002 with the approval of the sponsoring utility (San Diego Gas & Electric). The extension was granted with specific budget restrictions and unit targets.

- Through the first quarter of 2002, the program was able to exchange an additional 442 torchieres for a savings of over 1,000 MWh. Overall, this revised program in the SCE territory exchanged over 1,600 torchieres at 98 properties for a total savings exceeding 3,800 MWh.

COPE

Program Element Summary

Under direction from the Commission under Decision 00-07-017, Pacific Gas and Electric Company contracted with COPE (the California Oil Producers Electric Cooperative) for peak demand reduction in the summer of 2001. Under the contract, $4,000,000 in funding is provided for COPE to run an incentive program for its members in the PG&E and SCE service territories. The program will focus on measures known to reduce peak demand: the contracted MW reduction is 4.6.

Activities, Accomplishment, Market Progress, & Modifications

- No new activity took place during the first quarter of this year. All program requirements were completed by the end of 2001.

Table 8.1
Summer Initiative Programs
Budget and Expenditures - Inception-to-Date

Program	2000/2001 Authorized Budget	Inception-to-Date Expenditures			
		Actual	Commitment	Total Actual + Committed	Utility Administrative Costs [1]
Beat The Heat [2]	$ 250,000	250,000	-	250,000	11,099
Residential Refrigerator Recycling	1,200,000	1,200,000	-	1,200,000	81,453
Pool Efficiency Program	3,000,000	2,696,237	125,000	2,821,237	369,639
Campus Energy Efficiency Programs [1]	3,500,000	3,500,000	-	3,500,000	3,802
Residential Hard To Reach	2,600,000	2,074,427	525,573	2,600,000	78,279
LED Traffic Signal Rebate Program	7,500,000	6,435,355	599,174	7,034,529	69,200
COPE	1,500,000	-	1,488,000	1,488,000	14,318
TPI Solicitation Process	1,700,000	946,718	753,282	1,700,000	36,601
Total	$ 21,250,000	$ 17,102,737	$ 3,491,029	$ 20,593,766	$ 664,390

[1] Included as part of SCE's 2000 and 2001 Energy Efficiency Budgets.

[2] The actual funds shown here reflect the fund transfer from SCE to SDG&E (Contract administrator). Pending final activity review.

Table 8.2
Summer Initiative Programs
Budget and Expenditures - Inception-to-Date

Program	Inception-to-Date					
	Actual		Committed		Total	
	Energy Savings (MWh)	Demand Reductions (MW)	Energy Savings (MWh)	Demand Reductions (MW)	Energy Savings (MWh)	Demand Reductions (MW)
Beat The Heat	3,813	0.18			3,813	0.18
Residential Refrigerator Recycling	14,038	2.40	-	-	14,038	2.40
Pool Efficiency Program	3,736	44.45	120	1.42	3,856	45.87
Campus Energy Efficiency Programs [1]	7,423	2.32			7,423	2.32
Residential Hard To Reach	14,884	7.20	116	0.10	15,000	7.30
LED Traffic Signal Rebate Program	42,520	9.52			42,520	9.52
COPE	-	-	11,975	1.67	11,975	1.67
TPI Solicitation Process	2,585	0.84	-	-	3,479	2.40
Total	88,999	66.91	12,211	3.19	102,105	71.66

Section 9: General Compliance Issues

Decision 00-07-017 and subsequent California Public Utilities Commission (CPUC or Commission) rulings and decisions set forth a number of compliance issues that SCE is required to address as part of the 2001 quarterly reporting of energy efficiency activities. The following section provides the appropriate response to each of these Commission directives.

Decision 00-07-017 - Quarterly Reporting Requirements

Ordering Paragraph 21:

For the RCP, the utilities shall establish a structured, periodic public process, such as workshops, meetings, and focus groups, to receive input and feedback from interested stakeholders, including third party providers and customers, a minimum of twice annually in each service territory. At least one public workshop shall be held in each service territory prior to filing the PY 2001 applications. They shall publicize and distribute proposed program changes prior to the information meetings, distribute adopted program changes to meeting participants and other interested stakeholders as they are made, and report on the process and results of the public forums in the Quarterly Reports. The public input sessions should be widely publicized.

Response:

The Commission held a series of "all hands" meeting to discuss the status of energy efficiency programs. The meetings were held on March 2, 2001, April 19, 2001, and July 13, 2001, and August 15, 2001. At these public-held meetings, SCE presented the status of RCP along with specific programmatic modifications to RCP for 2001.

Ordering Paragraph 29:

The utilities shall report on the statewide lighting and appliance programs in each of the Quarterly Reports and, beginning in PY 2001, shall endeavor, if feasible, to have the third party statewide contractor process rebates for Edison and SoCalGas.

Response:
A summary of the statewide lighting and appliance program activities is presented in the Statewide and Crosscutting Section of this report.

Ordering Paragraph 33:

PG&E and Edison shall continue their school-based education programs for PY 2001 and SDG&E and SoCalGas shall conduct pilot tests of these school-based programs in their service territories for PY 2001. The utilities shall monitor the effectiveness of the programs and the changes in awareness and behaviors attributable to the programs and report the results in the Quarterly Reports and in an evaluation report to be submitted to the Energy Division by December 1, 2001. The utilities shall explore the feasibility of a future statewide school-based education strategy using PG&E's and Edison's programs as models.

Response:
The status report on the school-based education programs is presented under the Residential Audit program discussed earlier in this report (See, Residential Program Area). On August 31, 2001, SCE submitted to the Energy Division an evaluation report on its school-based education programs. (See, *Southern California Edison Evaluation of 2000-2001 School Programs,* dated August 31, 2001)

Ordering Paragraph 37:

In the residential area, the utilities shall offer targeted solicitations to increase provision of energy efficiency services to under-served communities and customer groups already known or identified and include new targeted efforts in the PY 2001 applications, fully explaining the nature of the solicitations and rationale for choosing these efforts. Progress should be reported in the Quarterly Reports.

Response:
The progress on meeting the needs of hard-to-reach residential customers is described under the Residential program area.

Ordering Paragraph 42:

The utilities shall continue efforts to design and implement program elements and intervention strategies to better serve the needs of smaller (small and medium) nonresidential customers and include a special progress report on these efforts as part of their PY 2000 and PY 2001 Quarterly Reports.

Response:
The progress on meeting the needs of small and medium nonresidential customers is described under the Small Nonresidential Comprehensive Retrofit program results (See, Nonresidential Program Area).

Ordering Paragraph 50:

The utilities shall report funds spent and committed in the Quarterly Reports. The reports shall break out spent and committed funds and shall be provided by the fourteen programs as well as by strategy. The PY 2001 program applications shall show three years of comparison data.

Response:
See the 2002 energy efficiency program budget and year-end expenditures shown in Table 6.1 of Section 6 within this report. The tables provide spent and committed funds by the fourteen programs as well as by strategy for the first quarter of 2002.

Ordering Paragraph 61: *The utilities shall convene a public process to obtain input into program structure, design, and implementation of both the Large and Small SPC programs, and proposed revisions to the programs, a minimum of twice a year in each service territory. The utilities shall conduct at least one such session prior to filing the PY 2001 applications, focusing on the issues raised by interested stakeholders to date, including the application process, paperwork, and M&V requirements, and considering the modification of corporate parent caps in accordance with our prior direction. The utilities shall report on these sessions, including the process used, the agreements reached, and the remaining areas of disagreement in the Quarterly Reports and in the PY 2001 program application.*

Response: In 2001, the Commission held a series of "all hands" meetings to discuss the status of energy efficiency programs. These meetings were held on March 2, 2001; April 19, 2001; July 13, 2001; and August 15, 2001. At these meetings, SCE presented its 2001 program modification and year-to-date program performance. These program modifications are shown in the program summary sections to this report.

Ordering Paragraph 64: *The utilities shall 1) rename the program from Commercial Remodeling and Renovation to Nonresidential Remodeling and Renovation to clarify that the program is not limited solely to commercial buildings; 2) jointly develop, and use in their Quarterly Reports, a common definition for Nonresidential Remodeling and Renovation activities—including, at a minimum, remodeling, renovation, rehabilitation, and tenant change, assess the magnitude of these activities, and monitor them; 3) monitor the effectiveness of the programs, in a coordinated fashion with other nonresidential new construction and retrofit activities, and modify program elements and intervention strategies, as needed, to ensure gaps do not emerge as a result of program eligibility criteria that do not allow projects to participate, which are neither new construction nor retrofit. The program shall ensure that remodeling and renovation includes all time-dependent remodeling and renovation activities, not solely those that trigger compliance with the State's Title 24 building codes, or that consist of a two-system change out as Edison proposes.*

Response: The 2002 first quarter strategies for Nonresidential Remodeling and Renovation address all time-dependent remodeling and renovation activities. See Section 3, Nonresidential Programs, Nonresidential Remodeling and Renovation for a description of activities that took place in the first quarter of 2002.

Ordering Paragraph 66:

For nonresidential programs, the utilities shall continue to consider program offerings and increased funding for activities that benefit under-served markets and market segments. For PY 2001, the utilities, together with interested stakeholders, shall 1) develop common working definitions specifically for market segments consisting of smaller nonresidential customers and under-served market events such as remodeling and renovation; 2) assess the size and characteristics of those market segments, including remodeling, renovation, rehabilitation, and tenant change markets; 3) begin monitoring the availability and delivery of program services and participation using these definitions and report the results in the PY 2001 applications; and 4) offer new targeted solicitations to increase provision of energy efficiency services to under-served markets and market segments already known or identified and include new targeted efforts, fully explaining the nature of the solicitations and rationale for choosing these efforts, and reporting progress in the Quarterly Reports. The results of the needs assessment and monitoring shall be reported in the PY 2001 applications.

Response:
The progress on meeting the needs of small and medium nonresidential customers is described under the Small Nonresidential Comprehensive Retrofit program results (See Section 3, Nonresidential Program Area).

Ordering Paragraph 68:

Within 30 days after the effective date of this decision, the utilities shall jointly submit a report to the Energy Division setting forth a coordinated plan for 1) notice of availability; and 2) distribution of the Residential and Business Energy Guides. The plan shall include both a statewide component for publicizing the availability of the Energy Guides, in English, Spanish, and Chinese, and local components for publicizing the availability of the Guides in all three languages and for distributing the Guides. The local component shall include plans for working with Community Based Organizations (CBOs) in publicizing and distributing the Guides and for distributing the Guides through home improvement stores and other appropriate distribution points. The utilities' plan shall provide for implementation as soon as the program is approved. The utilities shall include both descriptions of actions taken to publicize and distribute the Guides and the results of its actions in the Quarterly Reports.

Response:
The progress on the distribution of both Residential and Business Energy Guides are described in the Residential and Nonresidential Mass Market Information program (See Section 3, Nonresidential and Residential Program Areas).

Ordering Paragraph 70:

The utilities shall continue coordination of the energy centers for PY 2000 and PY 2001, with particular emphasis on eliminating duplication. For PY 2001, the utilities shall prepare a plan for the accelerated commercialization of all products (especially software and design tools) developed at or through the centers and to distribute these products in a timely manner. Edison and SoCalGas shall take all reasonable efforts to ensure fuel-and-administrator-neutrality in the

messages conveyed by the centers, and, for PY 2001, shall explore joint operation of their energy centers or conducting activities jointly at all centers. Edison and SoCalGas shall report on their efforts in the PY 2001 applications. The utilities shall report on the activities undertaken to coordinate the Energy Centers in the Quarterly Reports, specifically identifying actions taken to implement the directions set forth herein. For PY 2001, the utilities shall consider REECH's proposal for placing kiosks in home improvement centers and hardware stores, and in the PY 2001 applications, report the reasons such activities have or have not been implemented.

Response:
A description of coordination activities are detailed in the energy centers program results within this report. In summary, three of the state's investor owned utilities, SCE, PG&E, and SoCalGas, operate energy centers.

Ordering Paragraph 75:

For the rest of PY 2000 and for PY 2001, the utilities shall monitor their TPI solicitations and report in the Quarterly Reports any experience they have with the reluctance of third parties to participate in the TPI program because of our treatment of intellectual property.

Response:
SCE has not experienced any reluctance from third parties to participate in the TPI solicitation process due to the treatment of intellectual properties.

Ordering Paragraph 88:

The utilities shall jointly with interested stakeholders develop a schedule for a regular public input process, including workshops, meetings, and focus groups, and to do so in a manner that ensures timely input before decisions are made and feedback after decisions are finalized. The utilities shall report on the process and the results of the workshops, meetings, and focus groups in the Quarterly Reports. The Energy Division shall work with the utilities and interested stakeholders to develop a process for coordinating utility-sponsored sessions with Commission-sponsored workshops and for quickly reviewing and approving program revisions agreed upon in utility-sponsored sessions.

Response:
The Commission has created monthly "all hands meeting" to discuss the progress of the 2001 energy efficiency programs. The Commission held meetings on March 2, 2001, April 19, 2001, July 13, 2001, and August 15, 2001. At these meetings, SCE presented its 2001 program modification and year-to-date program performance. These program modifications are shown in the program summary sections to this report.

Ordering Paragraph 91:

The utilities shall file Quarterly Program and Expenditure Reports with the Energy Division and serve the Reports on the service list for this proceeding. The Reports shall be filed as soon as possible but no later than six (6) weeks after the close of each quarter and shall contain:

a. The information and data provided for PY 1999;
b. Participation activity, budgets, and expenditures, including commitments, for 1) the 14 programs and all elements and strategies thereunder; 2) all statewide programs, broken down by the 14 programs and all elements and strategies thereunder; and 3) all cross-cutting measures broken down by the 14 programs and all elements and strategies thereunder;
c. Expenditures shall be itemized, at minimum, to show what the money was spent on, e.g., vouchers redeemed, workshops and training, promotional activities;
d. Tables shall be provided showing expenditures by customer class code, as described earlier;
e. A status update on all programs, program activities, program elements, and statewide MA&E studies, an update on statewide coordination activities, an update on market progress, and an update on all actions the utilities have been directed to take in this decision; and
f. Joint summary tables showing the requested data for the statewide programs.

The utilities shall meet and confer prior to filing the Quarterly Reports and shall adopt a common format. After receipt of the Quarterly Reports, the Energy Division shall develop and conduct a public process for review of the Reports.

Response:
After discussion with each of the utilities and the Energy Division on the content and format of the Quarterly Report and compliance with Ordering Paragraph 91, SCE submits this 1st Quarter Report on the 2002 energy efficiency programs.

Ruling On Cost Effectiveness Issues For PY 2001 Programs

Dated: October 25, 2000

Direction (pp.22-23):
The utilities should perform the saturation analysis as new data is obtained and, for all measures, at least annually, which should be reflected in the applicable Quarterly Reports and the Annual Report. The utilities should update the saturation data in each quarterly report and the Annual Report.

Response:
SCE filed its saturation analysis in SCE's 2001 energy efficiency program application (A.00-11-043). No new data was obtained during the first quarter of 2002.

Ruling On Summer 2000 Energy Efficiency Initiative

Dated: September 7, 2000

Direction (p.7):
Op 4 - Administrative costs incurred by the utilities, if any, shall come from program funds outside the $67 million reserved for the Summer Initiative. The utilities shall separately track the administrative costs incurred for each and every Summer Initiative Program and report on those costs in all reports to the Commission, including quarterly progress reports and the annual reports. The reports shall provide a detailed breakdown of costs incurred.

Response:
SCE's administrative costs incurred in support of the Summer Initiative are detailed in the Summer Initiative Section to this report.

Ruling of Assigned Commissioners And Administrative Law Judge On Summer 2000 Energy Efficiency Initiative

Dated: August 21, 2000

Direction (p.7):
OP 13 - The utilities shall track and report on the progress of Summer Initiative programs in all reports to the Commission, including quarterly progress reports.

Response:
The progress of SCE's Summer Initiative is presented in the Summer Initiative Section contained within this report.

Administrative Law Judge's Ruling Scheduling Workshop and Ordering The Filing Of Pre-Workshop Statements

Dated: July 11, 2000

Direction (Attachment A, p.3):
9. For the RCP, the utilities shall establish a structured, periodic public process, such as workshops, meetings, and focus groups, to receive input and feedback from interested stakeholders, including third party providers and customers, a minimum of twice annually in each service territory. At least one public workshop shall be held in each service territory prior to filing the PY 2001 applications. They shall publicize and distribute proposed program changes prior to the information meetings, distribute adopted program changes to meeting participants and other interested stakeholders as they are made, and report on the process and results of the public forums in the Quarterly Reports. The public input sessions should be widely publicized. ***(OP 21)***

Response:
See SCE's Response to Ordering Paragraph 21 presented earlier in this section.

Direction (Attachment A, p.7):
21. The utilities shall convene a public process to obtain input into program structure, design, and implementation of both the Large and Small SPC programs, and proposed revisions to the programs, a minimum of twice a year in each service territory. The utilities shall conduct at least one such session prior to filing the PY 2001 applications, focusing on the issues raised by interested stakeholders to date, including the application process, paperwork, and M&V requirements, and considering the modification of corporate parent caps in accordance with our prior direction. The utilities shall report on these sessions, including the process used, the agreements reached, and the remaining areas of disagreement in the Quarterly Reports and in the PY 2001 program application. ***(OP 61)***

Response:
See SCE's Response to Ordering Paragraph 61 presented earlier in this section.

Direction (Attachment A, pp.7-8):
22. The utilities shall 1) rename the program from Commercial Remodeling and Renovation to Nonresidential Remodeling and Renovation to clarify that the program is not limited solely to commercial buildings; 2) jointly develop, and use in their Quarterly Reports, a common definition for Nonresidential Remodeling and Renovation activities—including, at a minimum, remodeling, renovation, rehabilitation, and tenant change, assess the magnitude of these activities, and monitor them; 3) monitor the effectiveness of the programs, in a coordinated fashion with other nonresidential new construction and retrofit activities, and modify program elements and intervention strategies, as needed, to ensure gaps do not emerge as a result of program eligibility criteria that do not allow projects to participate, which are neither new construction nor retrofit. The program shall ensure that remodeling and renovation includes all time-dependent remodeling and renovation activities, not solely those that trigger compliance with the State's Title 24 building codes, or that consist of a two-system change out as Edison proposes. ***(OP 64)***

Response:
See SCE's Response to Ordering Paragraph 64 presented earlier in this section.

Direction:
OP 24 - For nonresidential programs, the utilities shall continue to consider program offerings and increased funding for activities that benefit under-served markets and market segments. For PY 2001, the utilities, together with interested stakeholders, shall 1) develop common working definitions specifically for market segments consisting of smaller nonresidential customers and under-served market events such as remodeling and renovation; 2) assess the size and characteristics of those market segments, including remodeling, renovation, rehabilitation, and tenant change markets; 3) begin monitoring the availability and delivery of program services and participation using these definitions and report the results in the PY 2001 applications; and 4) offer new targeted solicitations to increase provision of energy efficiency services to under-

served markets and market segments already known or identified and include new targeted efforts, fully explaining the nature of the solicitations and rationale for choosing these efforts, and reporting progress in the Quarterly Reports. The results of the needs assessment and monitoring shall be reported in the PY 2001 applications. ***(OP 66)***

Response:
See SCE's Response to Ordering Paragraph 66 presented earlier in this section.

Direction (Attachment A, p. 11):
30. The utilities shall jointly with interested stakeholders develop a schedule for a regular public input process, including workshops, meetings, and focus groups, and to do so in a manner that ensures timely input before decisions are made and feedback after decisions are finalized. The utilities shall report on the process and the results of the workshops, meetings, and focus groups in the Quarterly Reports. The Energy Division shall work with the utilities and interested stakeholders to develop a process for coordinating utility-sponsored sessions with Commission-sponsored workshops and for quickly reviewing and approving program revisions agreed upon in utility-sponsored sessions. ***(OP88)***

Response:
See SCE's Response to Ordering Paragraph 88 presented earlier in this section.

Direction (Attachment A, pp.11-12):
32. The utilities shall file Quarterly Program and Expenditure Reports with the Energy Division and serve the Reports on the service list for this proceeding. The Reports shall be filed as soon as possible but no later than six (6) weeks after the close of each quarter and shall contain:

> *a. The information and data provided for PY 1999;*
> *b. Participation activity, budgets, and expenditures, including commitments, for 1) the 14 programs and all elements and strategies thereunder; 2) all statewide programs, broken down by the 14 programs and all elements and strategies thereunder; and 3) all cross-cutting measures broken down by the 14 programs and all elements and strategies thereunder;*
> *c. Expenditures shall be itemized, at minimum, to show what the money was spent on, e.g., vouchers redeemed, workshops and training, promotional activities;*
> *d. Tables shall be provided showing expenditures by customer class code, as described earlier;*
> *e. A status update on all programs, program activities, program elements, and statewide MA&E studies, an update on statewide coordination activities, an update on market progress, and an update on all actions the utilities have been directed to take in this decision; and*
> *f. Joint summary tables showing the requested data for the statewide programs.*

The utilities shall meet and confer prior to filing the Quarterly Reports and shall adopt a common format. After receipt of the Quarterly Reports, the Energy Division shall develop and conduct a public process for review of the Reports. ***(OP 91)***

Response:
See SCE's Response to Ordering Paragraph 91 presented earlier in this section.

Decision 00-01-060 – 2001 Energy Efficiency Program Plans And Budget

Dated: January 31, 2001

Ordering Paragraph 3:

3. The utilities are authorized to implement their Program Year 2001, effective January 1, 2001, with the following modifications:

- *a. The utilities shall be allowed to shift funds only within the three program areas (residential, nonresidential, and new construction), subject to the overarching principles of equity and targeting underserved markets. The new construction market shall remain separate for fund-shifting purposes. The utilities must chronicle the changes in the program emphasis and funding in their April quarterly reports.*
- *b. The utilities shall budget a minimum of 20% of the total program budget for New Construction.*
- *c. The utilities shall budget a minimum of 8% for third party initiatives (TPI), excluding funds committed for the Summer Initiative. The utilities' proposed budgets for PY 2001 programs, including carry-over funds and balancing account interest, are authorized.*

Response to Ordering Paragraph 3.a:
In order to achieve the maximum feasible reductions in uneconomic and peak electricity consumption while assuring harder to reach customers are afforded these programs, SCE expanded and accelerated program and program delivery in 2001. These specific programmatic changes are chronicled in the various program summaries within the 4th Quarter energy efficiency report. The modified 2001 energy efficiency budget is also shown in Table 6.1 of Section 6.

Additional program modifications implemented during the 1st Quarter of 2002 are chronicled within the appropriate programs' 'Activity, Accomplishments, Market Progress, & Modifications' sections within the 1st Quarter Energy Efficiency Report. Modified 2002 energy efficiency budgets are again shown in Table 6.1, Section 6 of the subject report.

Ordering Paragraph 8:

8. The utilities shall provide estimations of energy demand savings for the first half of 2001 in their June quarterly reports.

Response:
SCE's 2002 energy efficiency year-to-date results on energy and demand savings are shown in Table 6.2 of Section 6 to this report. SCE provided estimates of energy and demand savings for the first half of 2001 in its 2nd Quarter Energy Efficiency report.

Decision 00-01-037 – 2001 Market Assessment And Evaluation Studies And Budget

Dated: June 14, 2001

Finding of Fact ***Paragraph 13:***
13. Because study scope and content and budgets may change during the program year, it is reasonable to authorize the utilities to shift funds among studies within the utility-specific budget category, up to the maximum authorized total utility-specific budget, with one exception: Edison's non-residential classification project, PG&E's non-residential market tracking database, and SoCalGas' SIC Recoding & Corporate Parent Reporting Requirement shall not be increased by more than 20% of their respective total approved budgets. Further, the utilities should not be allowed to eliminate the studies added herein. Budget and study changes, with appropriate justifications, should be reported in the Quarterly Reports.

Response:
Any modifications to the budgets and study changes are documented within the Market Assessment & Evaluation Studies section in this quarterly report.

Decision 01-11-066 - Interim Opinion Selecting

Dated November 29, 2001

Ordering Paragraph 9:
To avoid a program funding gap during the early part of 2002 prior to Commission authorization of new programs for 2002, the IOUs shall continue their Program Year (PY) 2001 programs as set forth in the body of this decision. The IOUs are authorized to commit and/or spend these funds only until March 31, 2002.

Response:
Program funding was continued for authorized programs as directed by the Commission and is reflected in appropriate program descriptions. Program activity and funding is also summarized in the Program Summary Tables contained within section 6 of this report.