

CEE Member Programs: Commercial Programs

A. Organizational Details

1. What organization sponsors the program(s)? Southern California Edison
2. Which of the following best describes the program sponsor? (*Check one.*)
 - Utility
 - Nonprofit "efficiency utility"
 - State Government
 - Regional Program Administrator
 - Public Service Commission
 - Other:
3. Please list the State(s) where the program is offered. (*If programs differ across state lines, please fill out one questionnaire form for each state.*) Southern California
4. What is the geographic scope of the program(s)?
 - Smaller than statewide
 - Statewide
 - Service territory in more than 1 state (*describe*)
*SCE runs some CA state programs.
5. How large is the customer base served by your commercial programs? 250,000 commercial customers (13 million total customers in SCE service territory)
6. Do you differentiate your programs according to specific commercial target markets?
 - No
 - Yes → Please mark all that apply:
 - Commercial Real Estate (separate owner/tenant)
 - Hospitality
 - Restaurant/Food Service
 - Corporate Real Estate (owner-occupied)
 - Retail
 - Schools
 - Health Care
 - Other (*please specify*):

Grocery

B. Whole Building Program Approaches

7. Please mark all of the following whole-building elements that you include in your program? *Please see the attachment for general descriptions of whole-building program elements and examples.*
 - Obtain upper management commitment to program
 - Measure whole-building energy performance (benchmark)
 - Identify and screen building candidates and project opportunities (e.g., scoping studies, screening audits, RCx)
 - Re-assess building performance
 - Coordinate recognition
 - None
 - Other (*specify*) Training/documentation
8. Do you incorporate ENERGY STAR ®'s Portfolio Manager benchmarking tool in your commercial programs? Yes No
9. Please briefly describe your whole-building program approach and how you are measuring improvement in whole-building energy performance.

For new construction projects, SCE offers Savings by Design program. Programs offers building owners and their design team design assistance tailored to the needs of project; incentives help offset the costs of

energy-efficient buildings; and design team incentives reward designers who meet ambitious energy efficiency targets.

For existing buildings, SCE offers the commercial retro-commissioning program (RCx). SCE offers two tracks to customers - large commercial buildings and grocery store chains. The screening criteria are different for each track, i.e., grocery stores have chain structure and consistency of measures. For larger buildings, SCE will consider the building size, energy usage intensity (EUI), condition of HVAC equipment, availability of financing, interest of owner and operator, types of HVAC equipment and controls, etc. SCE will provide the audit and diagnostic support to the customer to perform the building retro-commissioning and may then provide additional \$ incentives to help customers buy down the cost of eligible energy conservation measures. SCE also offers follow up customer training and documentation, as well as post installation inspections and review of savings estimates and follow-up benchmarking.

C. Overview of Program Offerings

10. In the following table, please list, by name, all programs that impact commercial buildings.

- Please categorize the **Program Type** by letter in the second column, using the scheme below (*List all that apply*):
 A. Prescriptive B. Custom C. Standard Performance Contract D. Loan or financing E. Other (*specify*)
- Please categorize the **Technology Type** by number in the third column, using the scheme below (*List all that apply*):
 1. Lighting 2. Commercial Kitchens 3. Data Centers 4. HVAC
 5. Retrocommissioning 6. Building Envelope 7. Other (*specify*)

Program Name & Website	Program Type (A - D)	Tech. Type (1-6)	New construction (NC) or Existing Bldg. (E)	Eligibility E.g. Sq. ft or kW limit (provide)	Training? (Y/N)	Audits? (Y/N)	Focus: Upstream (U) and/or Downstream (D)	Contact Person/email	Year Begun & Length of Budget Cycle*	Current Program Budget
1. Savings by Design http://www.savingsbydesign.com/designassist.htm	E (design assist.)	7 (all systems)	NC	See website	Y	N	U/D	http://www.savingsbydesign.com/Bios/scebios.htm		
2. Retrocommissioning http://www.sce-rcx.com/	B	5	E	Long list includes size, age, EUI, DDC, CP, etc.	Y	Y	D	Steven Long steven.long@sce.com	2006, 3 years	11.3 Million
3. Industrial Energy Efficiency Program www.sce.com	B	1,4, motors, drives pumps, maintenance	E		n	y	d	Ron Cobas ron.cobas@sce.com	2006, 14.8 million over 3 years	
4. Express Efficiency Program www.sce.com	A	1,2,3,4,6,7 agriculture	E	No Limits	n	n	d	Steve Culbertson steve.culbertson@sce.com	1990 - 3 year	36 Million (3 year)
5. Standard Performance Contract www.sce.com	C	1,3,4,6,7 process load	E	No Limits	n	n	d	Steve Culbertson steve.culbertson@sce.com	1998 - 3 year	\$67 million (3 year)
* The length of your budget cycle in years									Total:	

11. Do your commercial programs reference one or more energy efficiency specifications?
 Yes → *Please list:* CEE Premium Motor Spec
 No
12. Do your commercial programs co-sponsor marketing campaigns with ENERGY STAR?
 Yes → *Please list:*
 No

D. Program Evaluation and Performance

13. What specific indicators or metrics are used to evaluate and assess the impacts of program activity? For example, kW or kWh saved, trainings attended, rebates provided, etc.
kWh energy savings and kW demand reduction, cost effectiveness, net-to-gross ratio

14. For programs incorporating training, building benchmarking, or behavior improvements, are you receiving credit for savings from regulators? No Yes

If Yes, how is program credited?

For RCx program, net kW and kWh savings are the primary indicators, along with operating and incentives costs. TRC is used to evaluate program cost effectiveness. Secondary indicators are square footage and the number of buildings retro-commissioned.

15. Please briefly describe the most unique feature(s) of your program.

Standard Performance Contract offers a calculated approach that allows virtually any proven energy saving project to qualify for an incentive.

RCx program has a separate grocery store segment and uses a detailed screening process to focus program resources on projects that have the strongest savings potential. Program uses dedicated field reps to assist in various aspects of program delivery including marketing, screening, customer handholding, and implementation verification. Perform both pre and post benchmarking, and tying this into automated benchmarking pilot. Use qualified RCx providers.

16. Are past program evaluations available to the public?

- Yes → Please tell us how these can be obtained.
 No → Check one:
 Past evaluations are confidential
 Program has not been evaluated



Thank you for taking the time to complete this summary! Please return to sloucks@cee1.org or fax to Susan at 617-589-3948