

CEE Member Programs: Commercial Programs

A. Organizational Details

1. What organization sponsors the program(s)? Long Island Power Authority
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.*) New York
4. What is the geographic scope of the program(s)?
 - Smaller than statewide
 - Statewide
 - Service territory in more than 1 state (*describe*)
5. How large is the customer base served by your commercial programs? 80,000 customers
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*):

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*)
8. Do you incorporate ENERGY STAR ®'s Portfolio Manager benchmarking tool in your commercial programs? Yes No

LIPA recently started to utilize ENERGY STAR Benchmarking in our Commercial Audits through our Customer Driven Efficiency (CDE) program.

9. Please briefly describe your whole-building program approach and how you are measuring improvement in whole-building energy performance.

The LIPA Commercial Construction Program whole building component is offered to building owners and their design teams to aggressively pursue options that fully integrate building envelope and operating systems to produce a building as energy efficient as current technology and design allows. Incentives will cover a portion of the additional design and equipment expenses required to create an exemplary building. New construction projects are eligible including commercial, industrial, institutional or governmental projects/buildings; including office buildings, supermarkets, manufacturing facilities, schools, shopping malls, restaurants, hotels etc. LIPA also provides up to \$10,000 in Technical Assistance services, including consultants to help you choose and implement energy-efficient measures and equipment. For more complex projects, LIPA will provide 50 percent of any additional costs, up to \$50,000. The following measures qualify for incentives: Electric energy-saving measures that exceed “standard practice” (conform to standard building design practice in New York and which generally exceed NYS Energy Conservation Construction Code). Annual financial incentives are available up to \$400,000 per building or \$500,000 for a LEED Certified Green Building. A maximum of \$800,000 in incentives is available for Whole Building Design applications in any one calendar year.

C. Overview of Program Offerings

10. In the following table, please list, by name, all programs that impact commercial buildings. *Navigate through the table with the tab key.*

- 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. Retro commissioning 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. Commercial Construction Program www.lipower.org/cei/commercial.html - Prescriptive	A	1,2,4,7(Motors, VFDs, air compressors, vending machines)	NC/E		N	Y	D	Stacey Wagner swagner@service.lipower.org Joe Paruolo jparuolo@service.lipower.org	1999, 1	\$4-5 million
2. Custom	B		NC/E		N	Y	D	Stacey Wagner swagner@service.lipower.org Joe Paruolo jparuolo@service.lipower.org	1999, 1	
3. Whole Building http://www.lipower.org/cei/commercial.whole.html	E	7 (energy efficiency design, tech assistance)	NC	NC projects with more than 50,000 square feet, more than 150 tons of cooling and 75kW of lighting load	N	Y	D	Stacey Wagner swagner@service.lipower.org Joe Paruolo jparuolo@service.lipower.org	1999, 1	
4. Retrofit Energy and Capacity Program (RECAP) http://www.lipower.org/cei/recap.html	C	1, 4	E	Different ESCOs for different sectors	Y	N		John Pratnicki jpratnicki@service.lipower.org	2004, 1	11 Million

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5.Customer Driven Efficiency (CDE)	E	E	NC/E	Audits/100 KW & Above Consults 99KW and under	Y	Y	D	Stacey Wagner swagner@service.lipower.org	1998, 1	675,000
* The length of your budget cycle in years										

11. Do your commercial programs reference one or more energy efficiency specifications?

Yes → *Please list:* NEMA Premium Motors

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.

On a monthly basis, the number of rebates and the associated peak (kW) and energy (kWh) savings are tracked against goal. In addition, a comprehensive set of market indicators were measured in a baseline study completed in 2001. Many of these indicators have been measured a second time to track changes in the market for energy efficiency on Long Island. An additional study measuring a subset of indicators is planned for this year.

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?

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

As of 2007, LIPA provides incentives to those developers and building owners technical and financial assistance necessary to help meet LEED Green Building goals, beyond what is typically offered under the program. Whole building energy modeling, building commissioning, and financial incentives for energy efficiency, renewable energy and green power are available under the Commercial Construction Program. See www.lipower.org/cei for specific incentive information.

16. Are past program evaluations available to the public?

Yes →

On a case by case basis, LIPA will share evaluation study reports with state agencies and utilities that request them. Please contact Ann Clarke at aclarke@service.lipower.org.

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