




CenterPoint Energy Commercial Technical Services Program Application

The CenterPoint Energy Commercial Technical Services Program is a new segment of the Retro-commissioning Program, available for the 2011 program year only. It includes a comprehensive energy audit by a professional engineer or certified energy manager at no cost to qualifying customers. The customer will use the results of this audit to evaluate and implement energy efficiency measures, and may apply to the City of Houston's Energy Efficiency Incentive Program (EEIP) for incentives based on qualifying implementation. This program is available to commercial customers in the City of Houston to reduce their office building's energy consumption and energy costs. As a participant in the program, the customer will be responsible for the following:

- ☆ Provide the program administrator access to the building and time to interface with building personnel.
- ☆ Be willing to provide at least \$100,000 for implementation, in a timely manner, of approved capital upgrade and low cost measures that both the customer and Nexant, Inc., the program administrator, agree are feasible for the facility.
- ☆ Provide and assist with the reporting and collection of information pertaining to the energy audit of their facility(s).
- ☆ Proactively and in good faith, work with the program administrator to maximize the effectiveness of the program by implementing cost-effective demand and energy saving measures.
- ☆ Provide to the program administrator all facility electric contract information.
- ☆ Accept the program administrator's decision relating to customer eligibility for technical services assistance or other issues as final and binding for all parties.

For complete information about program terms and conditions, please contact either the program administrator (Nexant) or CenterPoint Energy at the information below:



 Calvin Burnham
 1111 Louisiana, 9th Floor
 Houston, TX 77002
 Phone: (713) 207-3423
 Email: calvin.burnham@CenterPointEnergy.com

General Information:

Main Contact Person: _____
 Position: _____
 Phone #: _____
 Email: _____

Facility Name: _____
 Address: _____

Facility Owner Name: _____

Property Manager Name: _____
 Company: _____

Allotted Budget for Implementation: _____

Program referred to you by: _____

Do facility operators have some discretionary time to devote to energy audit projects?

Briefly describe past energy efficiency projects or studies completed for the facility.

Describe any energy efficiency, renovation, or equipment replacement/upgrade projects for the facility that are currently being planned that could affect the Technical Services Energy Audit Program work.

Describe any renewable energy technology projects in which the building was involved.

Describe any recent operation and maintenance measures that were deployed.

Facility Energy Use:

ESI Id(s): _____

Meter Number(s): _____

Peak demand: _____ kW
Annual energy consumption: _____ kWh/yr

Facility Age: _____ Yrs
Total floor area: _____ Ft²
Number of floors: _____
Total facility conditioned HVAC area: _____ Ft²
Percent of conditioned space currently occupied: _____ %



Is this building individually metered on the specified ESI ID#?: _____
If not individually metered, what total building area is included on this meter?: _____ Ft²

Building and System Details:

Describe major facility space types and size (e.g. 10,000 square foot, 24-hour computer center that is unoccupied).

What are the facility occupancy hours?

Are as-built drawings, equipment lists and control sequences for the HVAC systems available?

What is the energy source for space heating and domestic water heating (electric, natural gas or other)?

Complete the table below with the major facility energy systems/equipment contributing to peak electric load (add sheets as needed).

Equipment	Type	Size	Age
Chiller(s)			
Chiller 1A (Example)	Centrifugal	600 tons	15 yrs
Air Handling Unit(s) - AHU			
AHU 1A (Example)	VAV	25,000 CFM (Design)	5 yrs
Boilers			
Boiler 1	Natural Gas	250HP	10 yrs
Lighting			
Office Lighting 1	32 watts 2 lamp T12	1000 fixtures	8 yrs

Complete the following building envelope details (add sheets as needed).

Equipment	Type	Size	Age
Roofing			
Roof 1	Reflective	10,000 sq ft	10 yrs
Window Glazing			
South Facing Window	Single pane tinted, no shading	6,000 sq ft	10 yrs

Type of Control/Hardware:

Does the facility have an EMCS system with a significant number of monitoring points?

Is the EMCS capable of trending and storing data for numerous points simultaneously, and converting to a format readable by spreadsheet programs?

Control Strategy:

Strategy	Description
Do HVAC and/or lighting systems have automatic shutdown for unoccupied hours?	
Are there any reset strategies currently used (i.e., CHW temp., SAT, etc.)?	
Is the outdoor air controlled? If so, how?	
Is an optimum start or stop strategy used?	
Does any equipment utilize VFD's? If so, please specify the equipment.	

Customer's Declaration:

The customer has registered in the Houston Green Office Challenge (GOC) at www.houstongoc.org. The EEIP application may also be downloaded from this website.

Customer has reviewed the City of Houston's Energy Efficiency Incentive Program (EEIP) eligibility requirements, is familiar with the program, and agrees to comply with those program requirements in order to apply for incentives in that program.

Customer understands that the "deemed savings" measures recommended and implemented in this program are not eligible for incentives through other CenterPoint programs, as described in the 2011 RCx - Technical Services Program Manual.

Customer agrees to provide at least \$100,000 for implementation, in a timely manner, of approved capital and low cost savings measures.

The information in this application is accurate and complete. The customer has read the above project outline, and will make a good faith effort to meet the outlined program requirements. As part of the application process, the customer also agrees to release copies of monthly utility billing statements and provide additional application information to the program administrator if requested.

Customer (Owner) Representative Printed: _____

Signature: _____

Date: _____

Please mail, fax or email completed applications to:



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