



CenterPoint Energy Retro-Commissioning Program Application

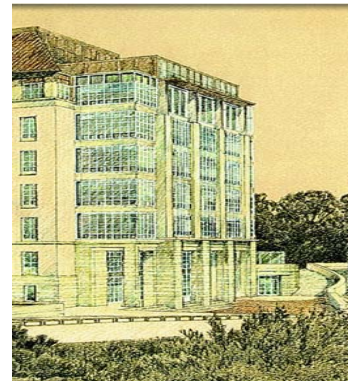
The CenterPoint Energy Retro-Commissioning Program is offered to Commercial and Industrial customers **(Distribution Voltage Only)** in our service territory to enhance their facility's comfort, productivity, and environment, while reducing energy cost. As a participant in the program, the customer will be responsible for the following:

- ☆ Provide the contracted retro-commissioning service provider (RCx Agent) access to the building and time to interface with building personnel.
- ☆ Be willing to spend at least \$10,000 towards implementation of approved low-cost savings measures that both the customer and Nexant, Inc., the Program Administrator (PA), agree are feasible for the facility.
- ☆ Provide and assist with the reporting and collection of information pertaining to the retro-commissioning of their facility(s).
- ☆ Proactively and in good faith, work with the PA to maximize the effectiveness of the program by implementing in a timely manner, cost-effective demand and energy saving measures.
- ☆ Provide to the RCx Agent all facility electric contract information.
- ☆ Accept the PA's decision relating to customer eligibility for retro-commissioning assistance or other issues as final and binding for all parties.

For complete information about program terms and conditions, please contact either the PA or CenterPoint Energy at the information below:



Calvin Burnham, P.E., CEM
 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 commissioning projects? _____

Facility Energy Use:

ESI Id(s): _____ Meter Number(s): _____

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

Facility Age: _____
 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?

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

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)?

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:

Customer agrees to spend at least \$10,000 for implementation of approved low-cost savings measures, in a timely manner.

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 PA if requested.

Customer (Owner) Representative Printed: _____

Signature: _____

Date: _____

Please mail or fax completed applications to:



Jennifer Varnau
4 Houston Center
1331 Lamar Street, Suite 1575
Houston, Texas 77010-3127
Phone: (713) 758-8710 Fax: (713) 739-0741
Email: jvarnau@Nexant.com

