

# 2014 Retro-Commissioning Program Summary

**Overview:** Energy assessment targeting low cost/no cost measures, cash incentives for implementation.

## Requirements:

Facility must have a conditioned space larger than 100,000 ft<sup>2</sup> (can aggregate multiple facilities) and have greater than average energy consumption and/or demand. Eligibility is determined by CenterPoint Energy during application phase.

## Program Benefits for the Owner:

### Free Comprehensive Energy Assessment

- *Demand Reduction and Annual Energy Savings*
- *Operating Cost Savings*
- *Cash incentives for implementation*
- *Low implementation cost, short payback*
- *Equipment life enhancement*

#### Application Screening Phase

- Nexant screens application
- Preliminary Assessment Phase report created and sent to building owner
- Contracts are executed

#### Investigation Phase

- Agent performs In-Depth Site Assessment
- Agent completes report with detailed ECM savings calculations, master list of findings, etc.
- Owner signs Owner Selection Table (OST)

#### Implementation Phase

- Owner implements their selected ECMs
- Owner co-ordinates with the agent for verification visit
- Agent informs Nexant on verification methodology

#### Verification Phase

- Agent conducts verification visit of implemented Energy Conservation Measure (ECMs)
- Agent completes Verification Plan (VP) report with verified savings

# Process:

Application Phase: no cost to owner

- The building owner completes the application available on the CenterPoint website ([click here](#)) and submits it to CenterPoint for evaluation. CenterPoint will provide a “Preliminary Assessment” based on the information that the customer provides and send a report to the customer.

- If the energy savings opportunity that would result from a typical RCx project appears to be large enough, the customer would enter into an agreement with CenterPoint Energy and proceed to the next phase. The customer commits to implement energy conservation measures (ECMs) that are recommended as part of the detailed assessment that have a simple payback period of 1.5 years or less and cost \$0.03/ft<sup>2</sup> or less to implement.

Investigation Phase: no cost to owner

- CenterPoint Energy pays for an approved RCx Agent to perform an in-depth, detailed site assessment.
- Agent completes the report with detailed ECM recommendations and savings calculations.

Implementation Phase: owner pays for facility improvement measures

- Owner implements selected ECMs.

Verification Phase: no cost to owner

- Agent conducts verification visit of implemented ECMs.
- Agent completes verification phase report with verified savings.

## 10 Years of Program Success:

<b>Total Projects completed and verified since 2004</b>	62
<b>Total Program Savings</b>	>21,200 kW Peak Demand >62,500 kWh/year
<b>Average Program % Savings</b>	10% kW Peak, Up to 15% kWh/year
<b>Average Energy Cost Savings</b>	\$0.128 per ft <sup>2</sup> based on 50 projects
<b>Average Owner Implementation Costs</b>	\$0.08 per ft <sup>2</sup> based on 45 projects
<b>Average Program Simple Payback</b>	<1 year

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