



Los Angeles Department of Water & Power Retrocommissioning (RCx) Program Application Commercial and Institutional Buildings

The Los Angeles Department of Water and Power Retrocommissioning (RCx) Program helps building owners improve the efficiency of their building operations by offering incentives and technical assistance for retrocommissioning services.

To be eligible for the Program, the building must meet the program requirements listed below:

- Electric services are provided by the Los Angeles Department of Water & Power (LADWP)
- Building has at least 50,000 square feet of conditioned space.
- Owner is willing to sign a release of energy bills for the last 12-24 months.
- Owner is willing to commit sufficient senior building operations staff time to support the project. Necessary support will include providing building and equipment documentation, access to control systems and access to portions of the building relevant to the retrocommissioning process.
- There are no known barriers to implementing retrocommissioning improvements or repairs, such as tenant agreements or sensitivities, environmental dangers, including asbestos, or manual control systems.

If the building meets the program requirements, building owners may apply for the Program by submitting the following documents:

- Program Application
 - Data Collection Packet (Provided in one of two ways)
 1. Hard copy data collection forms.
 2. Building Optimization Analysis (BOA) Tool*. (An Excel spreadsheet-based tool used to calculate energy savings for RCx measures)
- * The BOA Tool can be downloaded at: <http://www.cacx.org/resources/rcxtools/>

For more information please call us at (213) 367-3068

Please return all forms to:

By mail: Los Angeles Department of Water & Power
Attn: LADWP RCx Program
111 N. Hope St., Room 1057
Los Angeles CA 90012

By fax: (213) 367-4990

By email: rcx@ladwp.com

RCx Program Application

CUSTOMER INFORMATION

Company		
Building Name		
Building Address		
City	State	Zip Code
	CA	
Mailing Address (if different than above)		
City	State	Zip Code

CONTACT INFORMATION

Building Owner/Representative Name		
Last:	First:	Middle Initial:
Building Owner/Representative Title	Telephone # (primary)	Telephone # (other)
Email	Fax #	
RCx Provider Company Name	Provider Contact	
Provider Mailing Address		
Provider City	Provider State	Zip Code
Provider Email	Provider Telephone #	Provider Fax #

ENERGY USAGE

	ELECTRIC		GAS	
Utility Account Number				
Annual Usage		kWh		Therms
Annual Cost (\$)				
Peak Summer Demand		kW		
Number of Meters				
Interval Meter Data Available	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
The above information will be used by the Program to determine the building's energy use index (EUI) and utility cost per square foot				

RCx Program Application

FACILITY INFORMATION

Primary Facility Use (check one)		Applicable systems by site type (check one)			
<input type="checkbox"/> Office		<input type="checkbox"/> Chilled water VAV <input type="checkbox"/> DX (packaged) unit VAV		<input type="checkbox"/> Chilled water CAV <input type="checkbox"/> DX (packaged) unit CAV	
<input type="checkbox"/> Multi Story Retail <input type="checkbox"/> Hotel		<input type="checkbox"/> Chilled water VAV <input type="checkbox"/> DX (packaged) unit VAV		<input type="checkbox"/> Chilled water CAV <input type="checkbox"/> DX (packaged) unit CAV	
<input type="checkbox"/> Education - University		<input type="checkbox"/> Chilled water VAV			
<input type="checkbox"/> Education - Secondary		<input type="checkbox"/> Chilled water VAV		<input type="checkbox"/> DX (packaged) unit CAV	
Building Square Footage (gross)		Building Square Footage (conditioned)		Years since last renovation or major system upgrade	
Percent Occupancy		Year Constructed		Number of Floors	
Hours of Operation	Weekday		Weekend		Total Annual Hours of Operation
How many in-house staff (full time equivalent) are assigned to Operations & Maintenance?					
Do you have a primary HVAC Operations & Maintenance service contractor?					<input type="checkbox"/> Yes <input type="checkbox"/> No

Program Measures

The following program measures are identified as possible candidates for the program and warrant further investigation by the RCx team.

- ☐ Reduce supply fan operating schedule
- ☐ Adjust airside economizers
- ☐ Adjust zone temperature deadband
- ☐ Add supply air temperature setpoint reset strategy
- ☐ Reduce supply duct static pressure setpoint
- ☐ Add supply duct static pressure setpoint reset strategy
- ☐ Add / restore supply fan VFD (Requires malfunctioning inlet guide vanes, or malfunctioning VFDs.)
- ☐ Add / optimize boiler lockout
- ☐ Add chilled water supply temperature setpoint reset strategy
- ☐ Add condenser water supply temperature setpoint reset strategy
- ☐ Restore chilled water pump VFD
- ☐ Reduce lighting operating schedule
- ☐ Restore lighting occupancy sensors

Building Owner Certification

By signing this Application, I certify as the building owner or the owner's authorized representative that the information provided is true and factual.

Signature

Date

Printed Name

Disclaimer: By applying for an LADWP rebate and/or program, personal information provided may be subject to public disclosure by requesting parties, pursuant to the California Public Records Act.