

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE_19_T_I_228_1790-01_Service
CMPA Directory Link	https://deeresources.info/cmpa/projects/15385
PA	PGE
PA Application ID	PRJ - 01631302
PA Application Executed Date	43614
PA Program ID	PGE21027
PA Program Name	Heavy Industry Energy Efficiency Program - Retro Commissioning (RCx)
PA Program Year	2019
Date of CPUC Staff Review:	10/1/2019
PA CMPA Upload Dates Included in this review:	
First PA Upload	8/20/2019
Second PA Upload	N/A
Third PA Upload	N/A
PA Measure Description(s):	
Measure 1	COMMISSIONING-RCX RESET CONTROL SETTING-HVAC-SETPOINT CHANGE
Measure 2	
Measure 3	
Measure 4	
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	Optimize the controls sequences for duct static pressure setpoint based on zone demand in an office tower.
PA Ex Ante kW Demand Reduction	49.4
PA Ex Ante Annual kWh Impacts	449,183.0
PA Ex Ante Annual Therm Impacts	0.0
PA Proposed Incentive \$ (to Customer)	\$26,775.00
PA Proposed Total Payment to Implementer \$ (not to include the above incentive to customer)	
CPUC Staff Approved Ex Ante kW Demand Reduction	
CPUC Staff Approved Ex Ante Annual kWh Impacts	
CPUC Staff Approved Ex Ante Annual Therm Impacts	
CPUC Staff Primary Reviewer Name	
CPUC Staff Primary Reviewer Firm	E350
CPUC Staff Review Supervisor Name	
CPUC Staff Review Supervisor Firm	BMI
PA Primary Reviewer Name	
PA Primary Reviewer Firm	
CPUC Staff Project Manager	
CPUC Staff Policy Authorization (as needed)	
CPUC Staff Recommendation Marked "X":	
x	Application ready to proceed without exception
	Application ready to proceed with exception(s), as noted
	Application rejected.
	Application not ready for review, revised and resubmit as noted

Action Number:	Summary of CPUC Staff Required Action by the PA:	Action Category	Due Date	Post M&V Review
1	Conduct M&V until independent variable coverage factor as defined by ASHRAE Guideline 14 is satisfied. Proposed post M&V period of 2 weeks may not be adequate to obtain sufficient variation in independent variable data for annual savings calculation.	M&V Plan		M&V period was 10 days rather than 2 weeks as called out in the M&V plan. PI states coverage factor is not applicable. Monitoring duration criterion in PG&E Customized Calculated Savings Guidelines for Non Residential Programs (Version 6.0) was exceeded. No further issues.
2	Revise energy savings based on post installation M&V. CS requests to review the final energy savings calculations based on post-M&V.	Analysis assumptions		Post M&V calculations submitted and were reviewed. No further issues with the gross savings calculations
3	Provide actual contractor invoice to implement the measure. Estimated project costs seem high.	Measure Cost		Actual invoice cost of \$53,350 slightly higher than original estimate of \$50,000. No further issue with the measure cost.
4	Program rules require customer to pay up to \$25k for projects with SPB < 1yr. Adjust incentive based on actual project costs and savings updated with post M&V.	Incentive calculation		Incentive is \$26,777; customer share is \$26,573. Customer contribution criterion is satisfied. No further issues.

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	Due Date	
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

CPUC Staff Recommendation Definitions	
CPUC Staff Recommendation	Definition
Application ready to proceed without exception	The PA will continue to upload application documents to the CMPA directory through the implementation and claims phases of the project. The PA may proceed to approve the project without waiting for CPUC Staff response. A project is waived from further review at the post-installation stage by CPUC staff, but the PA is responsible for post-installation (IR) review. There will not be conditional approval.
Application ready to proceed with exception(s), as noted	<p>The PA must make revisions or changes as noted in CPUC Staff's review comments. The PA will continue to upload application documents to the CMPA directory through the implementation and claims phases of the project. The PA may proceed to approve the project without waiting for CPUC Staff response. If CPUC Staff decides to perform IR review of a project, CPUC Staff will notify the PA. The scope will be limited to determine if the project was carried out consistent with the application and notes provided during pre-installation review and to obtain information pertaining to whether the eligibility criteria or metrics should be revised.</p> <p>Unless the scope of work presented in project application has changed at IR review, the project will not be reviewed again in the areas specified below. Scope change is defined by substantial changes include significant modifications to the proposed equipment type, size, quantity, configuration, the expansion of a project to include additional retrofits, or the splitting of a project into multiple phases.</p> <p>The following areas will not be reviewed again by CPUC Staff:</p> <ul style="list-style-type: none"> • Calculation Tool • Calculation Methodology • M&V Plan • Baseline • Eligibility • EUL/RUL • Measure Type • Program Influence
Application rejected.	<p>The application is rejected as submitted. The PA shall promptly inform the applicant as to the reasons why the project was rejected and the specific recommendations for the conditions under which the project would be approved. CPUC Staff shall provide the reasons for the rejection or request for modification, including each basis as to why the project is rejected, or modification is requested. In addition, CPUC Staff shall provide specific recommendations for the conditions under which the project would be approved.</p> <p>If any party to the project is unsatisfied with the Commission's directions for the project, a dispute resolution process may be initiated by that party. The Commission shall adopt rules for the conduct of the dispute resolution process. – Section 381.2 (g) (3) (F)</p>
Application not ready for review, revised and resubmit as noted	The application has deficiency in the supporting documentation and the PA has provided incomplete documentation. The complete documentation has been defined in the Statewide Custom Projects Guidance Document. Please note that this is not a final recommendation from CPUC staff. This recommendation is limited to two requests per application.