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 pressureÂ 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**
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	
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	
3	Provide actual contractor invoice to implement the measure. Estimated project costs seem high.	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	

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