

## CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	FPC18.01		
CMPA Directory Link	<a href="https://deeresources.info/cmpa/projects/15241">https://deeresources.info/cmpa/projects/15241</a>		
PA	PG&E		
PA Application ID	0		
PA Application Executed Date	0		
PA Program ID	PGE21030		
PA Program Name	Industrial Strategic Energy Management		
PA Program Year	2019		
Date of CPUC Staff Review:	1/28/2020		
PA CMPA Upload Dates Included in this review:			
First PA Upload	12/10/2019		
Second PA Upload	#N/A		
Third PA Upload	#N/A		
PA Measure Description(s):			
Measure 1	463772: Retrocommissioning - Monitoring Based Retrocommissioning -		
Measure 2			
Measure 3			
Measure 4			
Measure 5			
Measure 6			
Measure 7			
Measure 8			
Measure 9			
Measure 10			
PA Project Description:			
PA Ex Ante kW Demand Reduction			
PA Ex Ante Annual kWh Impacts			
PA Ex Ante Annual Therm Impacts			
PA Proposed Incentive \$ (to Customer)			
PA Proposed Total Payment to Implementer \$ (not to include the above incentive to customer)			
CPUC Staff Approved Ex Ante kW Demand Reduction	0.0		
CPUC Staff Approved Ex Ante Annual kWh Impacts	5,046,813.0		
CPUC Staff Approved Ex Ante Annual Therm Impacts	189,032.0		
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

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Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	Due Date
1	Gas Model does not meet goodness of fit statistic criteria. Savings fraction is 6.7% with a CV(RMSE) of 23.6%. Fractional savings uncertainty not quantified, but expected to exceed +/- 50%. Consider substituting engineering calculations for gas savings. 2/26/ response shows improved gas model meeting GOF and FSU criteria.	Analysis method	N/A Advisory only
2	Meter IDs do not align between the M&V Report and the bill statement. Reconcile the differences 2/26/2020 reponse reconciles the differences.	Other - meter number discrepancy	N/A Advisory only
3	Provide a savings weighted EUL for the electricity and gas savings. 2/26/2020 response clarifies SEM deemed EUL of 5yr for all measures.	EUL/RUL	N/A Advisory only
4	Provide fractonal savings uncertainty calculations for the electricity savings models. 2/26/2020 response points out that FSU is not a requirement. We agree, but encourage calculation of FSU during project review and exploration of alternative savings methods if the FSU is excessive.	Analysis method	N/A Advisory only
5	Identify the measure application type in the documentation. 2/20/2020 response clarifies the MAT and has updated the documentation.	Other - measure applicaton type	N/A Advisory only
6	The model quantifies CDD (65) using the average daily temperature. We recommend quantifying CDD on an hourly basis then summing the result to the daily time interval used in the model.	Analysis method	N/A Advisory only
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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"> <li>• Calculation Tool</li> <li>• Calculation Methodology</li> <li>• M&amp;V Plan</li> <li>• Baseline</li> <li>• Eligibility</li> <li>• EUL/RUL</li> <li>• Measure Type</li> <li>• Program Influence</li> </ul>
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.