

**CPUC Staff Ex Ante Review**

CPUC Staff Project ID Number	PGE 21 P C 614 PRJ - 00969189 HVAC
CMPA Directory Link	<a href="https://deeresources.info/cmpa/projects/18967">https://deeresources.info/cmpa/projects/18967</a>
PA	PGE
PA Application ID	PRJ - 00969189
PA Application Executed Date	
PA Program ID	PGE2110012
PA Program Name	University of California/California State University - SBD Whole Building
PA Program Year	
Date of CPUC Staff Review:	3/22/2021
PA CMPA Upload Dates Included in this review:	
First PA Upload	2/9/2021
Second PA Upload	N/A
Third PA Upload	N/A
Fourth PA Upload	
Fifth PA Upload	
Sixth PA Upload	
Seventh PA Upload	
Eighth PA Upload	
PA Measure Description(s):	
Measure 1	INTEGRATED BUILDING-NONRES-WHOLE BUILDING APPROACH
Measure 2	INTEGRATED BUILDING-NONRES/RES-DESIGN TEAM-INITIAL PAYMENT
Measure 3	INTEGRATED BUILDING-NONRES/RES-DESIGN TEAM-FINAL PAYMENT
Measure 4	
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	0
Bi-Monthly Upload kW Demand Reduction	830.9
Bi-Monthly Upload Annual kWh Impacts	212,596.8
Bi-Monthly Upload Therm Impacts	21,780.0
PA Proposed Incentive \$ (to Customer)	\$83,026.62
Project Documentation kW Demand Reduction	830.9
Project Documentation Annual kWh Impacts	212,596.8
Project Documentation Annual Therm Impacts	21,780.0
CPUC Staff Primary Reviewer Name	
CPUC Staff Primary Reviewer Firm	Sugarpine
CPUC Staff Review Supervisor Name	
CPUC Staff Review Supervisor Firm	SBW
PA Primary Reviewer Name	
PA Primary Reviewer Firm	
CPUC Staff Project Manager	
CPUC Staff Policy Authorization (as needed)	
CPUC Staff Recommendation:	Application rejected.
For rejection, action required:	N/A
M&V Review:	Post M&V Review NOT Required

Action Number:	Summary of CPUC Staff Required Action by the PA:	Action Category	PA Response	ED
1	<p>-SBD program requires the same system type be used for the standard and proposed buildings for the non-compliance run; Standard must use central plant for steam and cold water. Moreover, the SBD program requires existing plants should use identical efficiency standards for standard and proposed buildings.</p> <p>-Temperature setpoints for heating and cooling have been altered between standard and proposed. The same level of service should be applied to standard and proposed buildings.</p> <p>-Variable volume control is a prescriptive requirement for hood supply and exhaust systems. This is not eligible as an EEM, dropping this project below the minimum of 3 measures.</p> <p>-Outdoor air should be set to the code minimum in the standard building. Many spaces show lower Outdoor air in the proposed building than the standard. If the standard has been constructed properly, the proposed should not have less outdoor air.</p> <p>-pumping energy is not being calculated correctly. Please verify all pumping inputs.</p> <p>-building orientation should be the same in standard and proposed buildings</p> <p>-Savings from "Energy savings and incentive summary" don't match savings from "SBD supplement" or model outputs. Please clarify how savings were calculated.</p>	Analysis assumptions		

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	PA Response	ED

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. <u>There will not be conditional approval.</u>
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 before signed agreement with customer. 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>