

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	SCE 19 P C 323		
CMPA Directory Link	https://deeresources.info/cmpa/projects/15764		
PA	SCE		
PA Application ID			
PA Application Executed Date	NA		
PA Program ID	SCE-13-L-002L		
PA Program Name			
PA Program Year			
Date of CPUC Staff Review:	3/10/2020		
PA CMPA Upload Dates Included in this review:			
First PA Upload	#N/A		
Second PA Upload	#N/A		
Third PA Upload	#N/A		
PA Measure Description(s):			
Measure 1	New Construction - Above Code Comprehensive Design - Overall Building Performance		
Measure 2			
Measure 3			
Measure 4			
Measure 5			
Measure 6			
Measure 7			
Measure 8			
Measure 9			
Measure 10			
PA Project Description:	Whole building measure using EEM Combination C for		
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			
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			
CPUC Staff Review Supervisor Name			
CPUC Staff Review Supervisor Firm			
PA Primary Reviewer Name			
PA Primary Reviewer Firm			
CPUC Staff Project Manager			
CPUC Staff Policy Authorization (as needed)			
CPUC Staff Recommendation Marked "X":			
	Application ready to proceed without exception		
	Application ready to proceed with exception(s), as noted		
x	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	<p>The EnergyPro model has several errors which need to be addressed. Please revise model and resubmit. Here are the reviewer's notes:</p> <ol style="list-style-type: none"> 1. The underfloor fan powered boxes are actually Zonal System type of VAV/Series Fans; however, DOE-2 calcs do not allow that zonal type used with a rooftop packaged VAV. Keep the System as a Packaged VAV and make the underfloor boxes Zonal Type "VAV Box". Total all the motor wattage of the underfloor boxes and add that wattage to the return fan of PAC-1. 2. Confirm from mechanical specs or plans if CO2 monitoring is included and check Demand Control Ventilaton where applicable. 3. The schedules should be Retail instead of Hotel for a better fit. 4. The number of FPB units does not match the plans. The room names and FPBs and zones need to be updated to plans. 5. The [REDACTED] and [REDACTED] zones are served by RHC-1 and RHC-2 that should be entered as 100% VAV Box with reheat. correct air flows, heating output, and all parameters. 6. Interior zones, like [REDACTED], with floor plenum grille should be entered as 100% fixed damper with no reheat type, and all parameters updated. 7. For all FCUs that are wall mounted the system Distribution should be Duct Location = Conditioned and Heating/Cooling Distribution = Ductless with Fan. Duct Losses = 0% and Air Path = NA. 8. Include all FCUs that are inside this building. 9. Confirm gas water heater specs and if gas water heater is to be included in project. 10. Add [REDACTED] building to model if that building is included in project. 11. Remove [REDACTED] water heaters if not included in project. 12. Updated pump specs are needed. 13. Confirm glazing is metal frame or metal w/thermal break. Confirm fenestration type is Curtainwall/Storefront. 14. [REDACTED] should be Occupancy Type = [REDACTED], [REDACTED]. And the CFMs corrected. 15. Marketplace zone occupancy should be Retail. 16. Need to include all exhaust fan energy. 	Parameter assumptions	N/A
---	--	-----------------------	-----

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	Due Date
1	Reminder: Please try to keep customer identifying information out of measure and project descriptions. Thank you.		
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.