

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	SCE_19_C_C_368		
CPMA Directory Link	https://deeresrouces.info/cmpa/projects/15902		
PA	SCE		
PA Application ID			
PA Application Executed Date	12/6/2019		
PA Program ID	SCE-13-SW-002G		
PA Program Name	Savings by Design (SBDX)		
PA Program Year	2019		
Date of CPUC Staff Review:	3/30/2020		
PA CMPA Upload Dates Included in this review:			
First PA Upload	1/15/2020		
Second PA Upload	2/25/2020		
Third PA Upload	#N/A		
PA Measure Description(s):			
Measure 1	New Construction - Above Code Comprehens		
Measure 2			
Measure 3			
Measure 4			
Measure 5			
Measure 6			
Measure 7			
Measure 8			
Measure 9			
Measure 10			
PA Project Description:	New constriction of Single pane windows, 6 VRF systems, 3 DOAS, high efficiency LED, and lighting controls at		
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	This project is a group of (5) buildings with (5) EnergyPro models. A list of errors found in the model for [REDACTED] is as follows: 1. The Slab on-Grade elements are missing the definition of the exterior perimeter. 2. the Distribution Duct Location should be changed to "Conditioned" since the insulation is on the underside of the roof. 3. The number of light fixtures in the model does not match the Plans. 4. Area of the Corrodors need to be included in the model and include associated new lights. Please correct these errors and review the remaining four building models for similar errors.	Analysis Assumptions	30 days from date of disposition
2	The SBD Baseline Guidance document outlines rules for the SBD Performance simulation, which is the basis of the energy savings and incentive calculations. The Proposed NC and Standard NC models generated by EnergyPro do not follow the modeling rules. Examples of issues observed include: 1. SBD Baseline Document states VRF systems must be modeled as a minimally compliant air source heat pump in both the Standard and Proposed buildings. Water loop heat pump with EnergyPro VRF function used instead of a PSZ air source heat pump. 2. HVAC system types must be the same in the Proposed and Standard buildings. Standard builiding has boiler with hot water loop, but no boiler is modeled in the Proposed building. 3. Improper differences in zone level outdoor air CFM were also noted. Please revise the Proposed NC and Standard NC models of all buildings to conform to the SBD Baseline Guidance document rules.	Calculation Method	30 days from date of disposition

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	Due Date
1	To facilitate review, please use the same room numbers in model as those used in the plans.	Other - improve documentation	Future projects submitted 90 days from the date of the disposition
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.