

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	SDGE_20_C_C_422 [REDACTED] WholeBldg
CMPA Directory Link	[REDACTED]
PA	SDGE
PA Application ID	[REDACTED]
PA Application Executed Date	12/04/2017
PA Program ID	SDGE3222
PA Program Name	SW-COM-Calculated Incentives-Savings by Design
PA Program Year	2017
Date of CPUC Staff Review:	4/14/2020
PA CMPA Upload Dates Included in this review:	[REDACTED]
First PA Upload	3/3/2020
Second PA Upload	N/A
Third PA Upload	N/A
PA Measure Description(s):	[REDACTED]
Measure 1	Whole Building Incentive
Measure 2	
Measure 3	
Measure 4	
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	Flight Simulation Building
PA Ex Ante kW Demand Reduction	[REDACTED]
PA Ex Ante Annual kWh Impacts	[REDACTED]
PA Ex Ante Annual Therm Impacts	[REDACTED]
PA Proposed Incentive \$ (to Customer)	\$ [REDACTED]
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	Louis Van Blarigan
CPUC Staff Primary Reviewer Firm	Sugarpine
CPUC Staff Review Supervisor Name	Jeremy Stapp
CPUC Staff Review Supervisor Firm	SBW
PA Primary Reviewer Name	Kenny Liljestrom
PA Primary Reviewer Firm	0.0
CPUC Staff Project Manager	Faith DeBolt
CPUC Staff Policy Authorization (as needed)	
CPUC Staff Recommendation Marked "X":	[REDACTED]
	Application ready to proceed without exception
x	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
	<p>The reviewer noted a number of issues with the EnergyPro models. Given that the % savings above T24 is higher for this project (26.7%), we feel there is a low risk of falling below the 10% savings threshold once the model issues addressed. Please address these issues at the model true-up stage.</p> <p>From the reviewer:</p> <ul style="list-style-type: none"> *CW pumps don't match provided plans (GPM, head, design power) *CT1: size doesn't match plans, design power of fan doesn't match plans *CHW pumps don't match provided plans (GPM, head, design power) *chiller capacity, efficiency, IPLV don't match plans *AHU 1-6 are modeled as having an economizer: not indicated on plans *AHU7 heating capacity not modeled per plans, economized in model not indicated on plans *DOAS minimum supply/return fan CFM not consistent with plans *CRAC: electric reheat specified on plans not included in model. Wrong system type: should be split dx with electric resistance heat *BFC-1: cooling capacity, fan BHP not consistent with plans *BFC-2: heating capacity not consistent with plans *unconditioned zones: (janitor, mechanical, stairway, etc) rooms are completely within envelope and are "indirectly conditioned" not "unconditioned". Moreover, exhaust fans in these areas have been neglected in the model, which are exhausting conditioned air and causing loads that are currently being ignored. *fenestration improperly modeled: center of glass values are entered as "NFRC listed". Windows should either be modeled with COG values, or the correct formulas used to covert COG to an acceptable NFRC value. *roof insulation not consistent between JA4 and layers. 	<p style="text-align: center;">Issue with Parameter Assumptions</p>	<p style="text-align: center;">Model true-up</p>

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	Due Date
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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"> • 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.
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