

## CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	SDGE_19_T_C_334 [REDACTED] HOPP
CMPA Directory Link	[REDACTED]
PA	SDGE
PA Application ID	[REDACTED]
PA Application Executed Date	8/27/2018
PA Program ID	SDGE3317
PA Program Name	HOPPs - Building Retro-Commissioning
PA Program Year	2018
Date of CPUC Staff Review:	3/10/2020
PA CMPA Upload Dates Included in this review:	[REDACTED]
First PA Upload	11/12/2019
Second PA Upload	
Third PA Upload	N/A
PA Measure Description(s):	[REDACTED]
Measure 1	Retrocommissioning
Measure 2	Retrocommissioning
Measure 3	Retrocommissioning
Measure 4	Retrocommissioning
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	Retrocommissioning of central plant, air handlers, and controls
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)	[REDACTED]
CPUC Staff Approved Ex Ante kW Demand Reduction	[REDACTED]
CPUC Staff Approved Ex Ante Annual kWh Impacts	[REDACTED]
CPUC Staff Approved Ex Ante Annual Therm Impacts	[REDACTED]
CPUC Staff Primary Reviewer Name	Dan Bertini
CPUC Staff Primary Reviewer Firm	SBW Consulting
CPUC Staff Review Supervisor Name	Pete Jacobs
CPUC Staff Review Supervisor Firm	BMI
PA Primary Reviewer Name	Jessie Wang
PA Primary Reviewer Firm	SDG&E
CPUC Staff Project Manager	Peter Lai CPUC/Energy Divisioni
CPUC Staff Policy Authorization (as needed)	
CPUC Staff Recommendation Marked "X":	[REDACTED]
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		
<b>Action Number:</b>	<b>Summary of CPUC Staff Required Action by the PA:</b>	<b>Action Category</b>	<b>Due Date</b>

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	Due Date
1	Baseline model provided that shows goodness of fit statistics well within the HOPP guidelines. We believe a pre/post modeling strategy will be used to estimate savings, with an indicator variable providing the energy savings value. Please document the full pre/post model and describe how the modeled results will be normalized to long term average weather data.	Calculation Method	After first performance period is completed
2	Savings weighted EUL calculations used the engineering estimates of savings on a measure by measure basis, but the wrong measure lives were assigned. The airflow setpoint measure should get an EUL of 1 yr per R.13-11-005. The VFDs are add-on measures that should get an EUL equal to the RUL of the host equipment (5yr).	EUL/RUL	Prior to filing energy savings claim to CEDARS
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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>

<b>Application not ready for review, revised and resubmit as noted</b>	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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