

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE_21_C_I_735_Site Specific Comprehensive - 31701_NMEC
CMPA Directory Link	https://deeresources.info/cmpa/projects/19377
PA	PGE
PA Application ID	Site Specific Comprehensive - 31701
PA Application Executed Date	
PA Program ID	INWBISO20
PA Program Name	Cascade - INDUSTRIAL SYSTEMS OPTIMIZATION PROGRAM (ISOP) - Whole Building
PA Program Year	
Date of CPUC Staff Review:	4/19/2022
PA CMPA Upload Dates Included in this review:	
First PA Upload	2/1/2022
Second PA Upload	3/7/2022
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	NMEC Whole Building
Measure 2	
Measure 3	
Measure 4	
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	Site-level NMEC project resulting from identification and implementation of refrigeration system BRO measures at 380,000sf refrigerated storage and distribution facility.
Bi-Monthly Upload kW Demand Reduction	0.0
Bi-Monthly Upload Annual kWh Impacts	445,000.0
Bi-Monthly Upload Therm Impacts	0.0
PA Proposed Incentive \$ (to Customer)	\$33,000.00
Project Documentation kW Demand Reduction	0.0
Project Documentation Annual kWh Impacts	445,000.0
Project Documentation Annual Therm Impacts	0.0
Project Documentation Incentive \$ (to Customer)	33,000.0
CPUC Staff Primary Reviewer Name	
CPUC Staff Primary Reviewer Firm	Verdant Associates
CPUC Staff Review Supervisor Name	
CPUC Staff Review Supervisor Firm	Quantum
PA Primary Reviewer Name	
PA Primary Reviewer Firm	
CPUC Staff Project Manager	
CPUC Staff Policy Authorization (as needed)	
CPUC Staff Recommendation:	Advisory
For rejection, action required:	N/A
M&V Review:	Post M&V Review (M&V Results and Final Calculations) Required

Action Number:	Summary of CPUC Staff Required Action by the PA:	Action Category	PA Response	ED Resolution
1	Please resubmit the project for our review at the end of performance period.	Continue Document Upload		

2	<p>The pre-installation savings estimates provided by the PA are based on rough estimates of a savings ratio. Some ratios are based on differences between baseline and measure variables like suction pressures, amps, etc., however, these calculations were not provided for our review (the savings percentages are hardcoded). The overall savings percentage to usage is only 13%, based on these primitive calculation assumptions.</p> <p>In addition to this, the PA did not provide an estimate of demand savings stating that demand savings will be calculated in the Final Savings Report using hourly regression modelling.</p> <p>Given that the ratio of savings to the total building consumption is only slightly higher than the allowable threshold of 10%, per the NMEC rulebook, we are concerned that there is a possibility that this project will not meet the 10% NMEC requirements with these very rough calculations. Please make sure that live savings calculations and back up assumptions are all documented in the project package for future projects.</p>	Missing required information		
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Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	PA Response	ED Resolution
1	M&V plan does not match the M&V guidelines (NMEC Rulebook) as the baseline period is out of 18-month window prior to the measure installation. The PA used older data that was not impacted by COVID.	Baseline		
2	The ISOP program model does not allow CPR to happen before the project implementation.	Other 1		

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 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"> • 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>
Advisory.	The PA is not formally required to follow instructions or recommendations given in an Advisory review. However, issues found will affect ESPI scoring and may come up again in Ex-Post review.