

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE 23 T C 909 Site Specific Comprehensive - 49760
CMPA Directory Link	https://deeresources.info/cmpa/projects/21080
PA	PGE
PA Application ID	Site Specific Comprehensive - 49760
PA Application Executed Date	
PA Program ID	INWBISO20
PA Program Name	INDUSTRIAL SYSTEMS OPTIMIZATION PROGRAM ISOP -
PA Program Year	
Date of CPUC Staff Review:	1/23/2024
PA CMPA Upload Dates Included in this review:	
First PA Upload	11/8/2023
Second PA Upload	12/8/2023
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:	This site-level NMEC project resulted from an ISOP Optimization Event. We estimate an approximate 8% reduction in annual electricity consumption if all identified measures are implemented. The Optimization Event was an in-depth onsite engagement conducted by two refrigeration engineers on July 13-14 2021. During the event the ISOP team worked closely with operations and engineering staff to benchmark performance and identify low- and no-cost opportunities that will help reduce energy use through improvements to the refrigeration lighting HVAC and other energy-using systems.
Bi-Monthly Upload kW Demand Reduction	125.0
Bi-Monthly Upload Annual kWh Impacts	702,000.0
Bi-Monthly Upload Therm Impacts	0.0
PA Proposed Incentive \$ (to Customer)	\$10,000.00
Project Documentation kW Demand Reduction	125.0
Project Documentation Annual kWh Impacts	702,000.0
Project Documentation Annual Therm Impacts	0.0
Project Documentation Incentive \$ (to Customer)	8,680.0
CPUC Staff Primary Reviewer Name	
CPUC Staff Primary Reviewer Firm	DNV
CPUC Staff Review Supervisor Name	
CPUC Staff Review Supervisor Firm	DNV
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 NOT Required

Action Number:	Summary of CPUC Staff Required Action by the PA:	Action Category	PA Response	ED Resolution	Due Date
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1	<p>The facility provides cold storage services (eligible for NMEC) as well as pre-cooling of produce through ice, vacuum pre-coolers, or pressure cooling (ineligible for NMEC). 4 of the project's 18 measures affect pre-cooling processes and are therefore ineligible for NMEC. However, it is unclear from the project submittal if the modeled savings will require adjustment to discount the impacts from ineligible measures. Prior to project implementation, the M&V plan should be enhanced to:</p> <p>1) Proactively plan for how the eligible and ineligible savings will be differentiated within the model, as applicable. Given the facility has four electric meters, specify which of the eligible and ineligible measures affect which meters. Confirm if all four of the ineligible measures can be isolated on specific meter(s).</p> <p>2) Provide an anticipated timeline of measure-by-measure implementation. For example, prior similar ISOP projects specified that the ineligible measures would be implemented after the reporting period, thereby not impacting the NMEC model-based savings.</p>	Calculation tool	Additional detail on the timeline and a potential NRE adjustment for ineligible measures has been added to Section 6 of the PFS (Performance Period Non-Routine Adjustments).	
2	<p>The submitted savings spreadsheet includes hard-coded, unsupported factors that directly affect savings claims. For example, EEM-3 contains a multiplier of 1.1 (cell K10 of the Projects Entry tab). The PA technical review states that "The assumptions and references for ISOP projects are typically provided in the methodology and assumptions tab of the Tune Up Tool (Tune Up Analysis and Report Tool.xlsx). However, one was not provided for this this project. Many of the methodology and assumptions are consistent across ISOP projects which have been reviewed by this TR, therefore it was not requested as part of the review, but will be requested upon post-install to ensure continuity in project submissions." The review team requests that the assumptions and references supporting bottom-up savings estimates are uploaded to CMPA prior to project implementation. Moving forward, please provide relevant assumptions and references to justify the pre-installation savings estimates.</p>	Analysis assumptions	An "Assumptions" tab has been added to the "Tune Up Analysis and Report Tool" Excel workbook. Hard-coded values are explained in this tab.	

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	PA Response	ED Resolution
1	Please correct the bimonthly upload data to show the correct facility address (Salinas).	Other 1		
2	Please correct the incentive value within bimonthly upload data to align with the incentive amount indicated in project documentation (\$8,680).	Incentive calculation		

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.