

### CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	SDGE_22_C_I_807_ Process Heat
CMPA Directory Link	
PA	SDGE
PA Application ID	
PA Application Executed Date	
PA Program ID	SDGE3231
PA Program Name	SW-IND-Calculated Incentives-Calculated
PA Program Year	
Date of CPUC Staff Review:	12/6/2022
PA CMPA Upload Dates Included in this review:	
First PA Upload	8/24/2022
Second PA Upload	9/27/2022
Third PA Upload	10/20/2022
Fourth PA Upload	
Fifth PA Upload	
Sixth PA Upload	
Seventh PA Upload	
Eighth PA Upload	
PA Measure Description(s):	
Measure 1	Process Heat - NG Environmental Controls - NR
Measure 2	
Measure 3	
Measure 4	
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	Add Heat exchanger to soap production process to transfer heat from finish soap at 200 degrees to fresh water at 60 degrees
Bi-Monthly Upload kW Demand Reduction	
Bi-Monthly Upload Annual kWh Impacts	
Bi-Monthly Upload Therm Impacts	
PA Proposed Incentive \$ (to Customer)	\$
Project Documentation kW Demand Reduction	
Project Documentation Annual kWh Impacts	
Project Documentation Annual Therm Impacts	
Project Documentation Incentive \$ (to Customer)	
CPUC Staff Primary Reviewer Name	Kathleen Sturtevant
CPUC Staff Primary Reviewer Firm	DNV
CPUC Staff Review Supervisor Name	Patrick Hewlett
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:	Application ready to proceed with exception(s), as noted
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 submit this project for post-installation review, given the uncertainty in various aspects of the new production line: inlet and outlet water temperatures, batches per day and by season, duration between batches, and potential load sharing between existing and new boilers and chillers.	Continue Document Upload		

2	<p>The installation of the proposed heat exchanger will likely affect the pumping power requirement of the soap cooling process. Project feasibility study (PFS) page 2 includes a cost estimate for "additional pumps." However, the submitted analysis does not account for pump penalties, and the proposed M&amp;V plan does not address the energy impact of new pumps or increased power requirement of existing pumps as a result of the project. The post-installation M&amp;V and final savings claim should account for any pumping penalties that occur as a result of the heat exchanger installation.</p>	M&V plan		
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Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	PA Response	ED Resolution
1	Statewide Guidance Document Section 3.2 (pages 22-25) specifies requirements of PFSs to be completed for all custom projects. The PFS included in this project submittal did not meet all PFS requirements--namely, identification of the measure's effective useful life and its source. Please ensure that all PFSs comply with Statewide Guidance Document Section 3.2 moving forward.	Did not follow previous CPUC guidance		

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"> <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>
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.