

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	SCE_23_T_A_902 [REDACTED]
CMPA Directory Link	https://deeresources.info/cmpa/projects/21069
PA	SCE
PA Application ID	[REDACTED]
PA Application Executed Date	
PA Program ID	None
PA Program Name	SW WISE
PA Program Year	
Date of CPUC Staff Review:	11/22/2023
PA CMPA Upload Dates Included in this review:	
First PA Upload	10/2/2023
Second PA Upload	10/20/2023
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	Agricultural pump system overhaul [REDACTED] to [REDACTED] HP - retrocommissioning
Measure 2	
Measure 3	
Measure 4	
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	Measure 1 Agricultural Pump System Overhaul - Retrocommissioning PM-21422 [REDACTED] are proposing to overhaul of the turbine well pump for [REDACTED]
Bi-Monthly Upload kW Demand Reduction	[REDACTED]
Bi-Monthly Upload Annual kWh Impacts	[REDACTED]
Bi-Monthly Upload Therm Impacts	[REDACTED]
PA Proposed Incentive \$ (to Customer)	[REDACTED]
Project Documentation kW Demand Reduction	[REDACTED]
Project Documentation Annual kWh Impacts	[REDACTED]
Project Documentation Annual Therm Impacts	[REDACTED]
Project Documentation Incentive \$ (to Customer)	[REDACTED]
CPUC Staff Primary Reviewer Name	[REDACTED]
CPUC Staff Primary Reviewer Firm	[REDACTED]
CPUC Staff Review Supervisor Name	[REDACTED]
CPUC Staff Review Supervisor Firm	[REDACTED]
PA Primary Reviewer Name	[REDACTED]
PA Primary Reviewer Firm	[REDACTED]
CPUC Staff Project Manager	[REDACTED]
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 NOT Required

Action Number:	Summary of CPUC Staff Required Action by the PA:	Action Category	PA Response	ED Resolution
1	<p>According to the PA, the parameters required for calculating true-up savings post-installation will be obtained from either a post-overhaul pump test or a two-week data collection period. It is advisable for the project to conduct M&V for two weeks both before and after project implementation, rather than relying solely on the post-overhaul pump test to estimate post-kW. The pre-overhaul average power (kW) is determined based on [REDACTED] years of interval utility data, and the pre-overhaul pump test kW reading exceeds the average kW obtained from this utility data. The utility data shows significant month-to-month variations, making it impractical to estimate post-overhaul power using a brief post-overhaul interval data period. In other words, it is not feasible to apply the same approach for estimating post-overhaul kW as was used for the pre-overhaul period. Considering these factors, along with the variation in kW values from 15-minute interval data, it would be more accurate to conduct pre- and post-measurements of pump power. Additionally, the project did not include any flow measurements and intends to rely on the pump tests (pre- and post-) and the pump curve to estimate pre- and post-overhaul flows. We recommend including the collection of flow data to verify these assumptions. The PA stated that it was confirmed during the pre-inspection that the flow rates reported in the pump test were consistent with the current operation; however, no evidence was provided to support this claim.</p>	M&V plan		

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	PA Response	ED Resolution

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.

<p>Application ready to proceed with exception(s), as noted</p>	<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 ▪ EUI/RUL ▪ Measure Type ▪ Program Influence
<p>Application rejected.</p>	<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>
<p>Advisory.</p>	<p>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.</p>