

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE_23_T_I_860_PRJ - 02038500_Process Distribution
CMPA Directory Link	https://deeresources.info/cmpa/projects/20846
PA	PGE
PA Application ID	PRJ - 02038500
PA Application Executed Date	
PA Program ID	PGE_Ind_002
PA Program Name	CLEAResult - Business Energy Performance Ind - Customized Retrofit
PA Program Year	
Date of CPUC Staff Review:	4/20/2023
PA CMPA Upload Dates Included in this review:	
First PA Upload	2/14/2023
Second PA Upload	3/14/2023
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	PROCESS - SYSTEM MODIFY - To-CodeStd
Measure 2	PROCESS - SYSTEM MODIFY - To-CodeStd
Measure 3	
Measure 4	
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	Area A wastewater pumps will be re-piped into a new disposal well at Area A instead of the current tank at Area B and savings will be seen on the pumps at Area A and B due to decreased load
Bi-Monthly Upload kW Demand Reduction	310.1
Bi-Monthly Upload Annual kWh Impacts	3,133,718.9
Bi-Monthly Upload Therm Impacts	0.0
PA Proposed Incentive \$ (to Customer)	\$137,752.76
Project Documentation kW Demand Reduction	310.1
Project Documentation Annual kWh Impacts	3,133,718.9
Project Documentation Annual Therm Impacts	0.0
Project Documentation Incentive \$ (to Customer)	\$125,348.76
CPUC Staff Primary Reviewer Name	
CPUC Staff Primary Reviewer Firm	DNV
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:	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
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1	<p>The following items summarizes our recommendations for the M&V approach:</p> <p>1- Please measure power consumptions of the constant speed pumps in Section 18 (i.e., pumps [REDACTED] and [REDACTED]) for both pre- and post- installation periods. This is needed to confirm that the operation of these three pumps stays the same after the project implementation.</p> <p>2- Please update final savings based on true power measurements of all pumps including the six pumps in Section 17, and two pumps in Section 18. The preferred M&V method for all pumps (VFD and constant speed pumps) is to measure power in kW, using a true RMS power meter. Next best would be to measure voltage, current, and power factor with a true RMS meter. The submitted calculation uses VFD speed trend data to estimate pump power. Also, all pumps are assumed to have a brake horsepower of 359 while some pumps are 400 horsepower and some are 450 horsepower. Power measurements are critical for establishing brake horsepower.</p> <p>3- Suggest extending the post- measurement period to three months to match the pre- measurement period.</p> <p>Final savings should be normalized based on the flow data. All required permits (including the permit for converting idle wells to disposal wells) and invoices should be collected at the post-installation stage and stored in the project files.</p>	M&V plan		
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Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	PA Response	ED Resolution
1	Total incentive amount included in the bi-monthly upload (\$137,752) is incorrect. Please update this value in the next quarterly upload to \$125,348.	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.