

## CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	SCE 19 C A 274 [REDACTED]		
CMPA Directory Link	<a href="https://deeresources.info/cmpa/projects/15654">https://deeresources.info/cmpa/projects/15654</a>		
PA	SCE		
PA Application ID	[REDACTED]		
PA Application Executed Date	5/31/2019		
PA Program ID	SCE-13-SW-004B		
PA Program Name	Agriculture RCx		
PA Program Year	2019		
Date of CPUC Staff Review:	11/26/2019		
PA CMPA Upload Dates Included in this review:			
First PA Upload	10/15/2019		
Second PA Upload	11/18/2019		
Third PA Upload	#N/A		
PA Measure Description(s):			
Measure 1	Commercial pump system overhaul - retrocommissioning		
Measure 2			
Measure 3			
Measure 4			
Measure 5			
Measure 6			
Measure 7			
Measure 8			
Measure 9			
Measure 10			
PA Project Description:	Pump overhaul of existing [REDACTED] HP turbine well pump to increase OPE from [REDACTED] % to [REDACTED] %. Pump ref# [REDACTED]		
PA Ex Ante kW Demand Reduction	[REDACTED]		
PA Ex Ante Annual kWh Impacts	[REDACTED]		
PA Ex Ante Annual Therm Impacts	[REDACTED]		
PA Proposed Incentive \$ (to Customer)	\$ [REDACTED]		
PA Proposed Total Payment to Implementer \$ (not to include the above incentive to customer)	[REDACTED]		
CPUC Staff Approved Ex Ante kW Demand Reduction	[REDACTED]		
CPUC Staff Approved Ex Ante Annual kWh Impacts	[REDACTED]		
CPUC Staff Approved Ex Ante Annual Therm Impacts	[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 Marked "X":			
	Application ready to proceed without exception		
x	Application ready to proceed with exception(s), as noted		
	Application rejected.		
	Application not ready for review revised and resubmit as noted		
Action Number:	Summary of CPUC Staff Required Action by the PA:	Action Category	Due Date

1	Revise calculations using the most current pump test as the baseline and the measured efficiency from the post-overhaul test. See Note 1 below.	Analysis assumptions	
2	Recalculate SPB based on revised savings calculations and actual cost.; and apply the SPB < EUL program eligibility test	Analysis assumptions	
3	Data supplied supporting a measure life > 3yr was submitted, but the SCE Pump Overhaul Guidance Document specifies that a 3 yr EUL must be used. Revise guidance document to allow for a revised EUL when supported by historical pump efficiency data.	Eligibility	

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	Due Date
1	Savings calculations were revised to include the 2019 pump test efficiency of █% OPE and a five year average █ acre-feet water delivery. The simple payback ranges from █ to █ years depending on the estimated post overhaul efficiency and cost. The SCE Pump Overhaul guidance document specifies a measure application type of BRO-RCx and an effective useful life of 3yr. The Statewide Custom Measure Guidance document requires the SPB < EUL. D16-08-019 established a 3yr EUL for BRO-RCx measures, with the ability to update the EUL based on further research. SCE presented efficiency test data over multiple years to support a █% per year degradation, resulting in an EUL of █ to █ yr, depending on the estimated post overhaul efficiency.		
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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. 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>
Application not ready for review, revised and resubmit as noted	The application has deficiency in the supporting documentation and the PA has provided incomplete documentation. The complete documentation has been defined in the Statewide Custom Projects Guidance Document. Please note that this is not a final recommendation from CPUC staff. This recommendation is limited to two requests per application.