

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE_20_C_A_491_PRJ - 01000793 Lighting
CMPA Directory Link	https://deeresources.info/cmpa/projects/17229
PA	PGE
PA Application ID	PRJ - 01000793
PA Application Executed Date	NA
PA Program ID	a0n3600000NcVkf
PA Program Name	Agricultural Calculated Incentives - Customized Incentive Program
PA Program Year	
Date of CPUC Staff Review:	5/19/2021
PA CMPA Upload Dates Included in this review:	
First PA Upload	5/19/2020
Second PA Upload	N/A
Third PA Upload	N/A
PA Measure Description(s):	
Measure 1	LIGHTING RETROFIT/NEW-INT LED HORTICULTURAL
Measure 2	
Measure 3	
Measure 4	
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	NA
PA Ex Ante kW Demand Reduction	263.4
PA Ex Ante Annual kWh Impacts	1,730,450.0
PA Ex Ante Annual Therm Impacts	-10.0
PA Proposed Incentive \$ (to Customer)	\$82,803.97
PA Proposed Total Payment to Implementer \$ (not to include the above incentive to customer)	0
CPUC Staff Approved Ex Ante kW Demand Reduction	
CPUC Staff Approved Ex Ante Annual kWh Impacts	
CPUC Staff Approved Ex Ante Annual Therm Impacts	
CPUC Staff Primary Reviewer Name	
CPUC Staff Primary Reviewer Firm	E350
CPUC Staff Review Supervisor Name	
CPUC Staff Review Supervisor Firm	SBW
PA Primary Reviewer Name	
PA Primary Reviewer Firm	
CPUC Staff Project Manager	
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	PA Response	ED Resolution
1	Growing cycles rarely happen all year-round. For example, if the lights are installed in flowering rooms there are always delays between two flowering cycles to prepare the room for the next grow. Submitted savings estimations assumed that the lights are on 18 hrs/day for 365 days/year. The proposed M&V plan is to update hours of use after project installation using 4 weeks of short-term monitoring data or data from the BMS. Please update the M&V plan to include days that rooms are not in use by either extending the short-term monitoring period to include down time between growing cycles or use BMS data that covers longer period of time.	Analysis Assumptions	within 30 days of this disposition	Annual runtime was revised to be 6,017 hours/yr including 4 weeks of down time per customer statement. The average daily runtime of 17.9 hours was estimated based on 1-month of post-install logged data.	Revised hours of use are acceptable.
2	Please submit final savings estimates at the conclusion of the post-installation data collection period	Continue Document Upload	After post-installation savings are estimated	Revised savings calculations, updated costs, and incentives are submitted for post-installation review. Final savings are 1,584,873 kWh, 263.4 kW and -10 therms. Revised incentives and incremental costs are \$200,861 and \$200,861. Please note that total incentive amount included in the bi-monthly upload (\$82,804) was incorrect and did not match original incentives included in the pre-installation package.	Revised savings and incentives are appropriate.

3	<p>Estimated IMC only uses material costs for both installed and baseline fixtures and does not include the labor cost. Considering that the quantity of standard practice baseline fixtures are less than LED fixtures, there may be additional incremental cost for the labor. Although PG&E assumption is conservative, updating this value may help the customer to be qualified for more incentives as incentives are capped by the IMC.</p>	Measure cost	N/A	Updated full measure costs and incremental measure costs are submitted for post-installation review.	Revised costs calculations are appropriate.
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Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	Due Date	Instruction Category	Due Date
1					
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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"> • 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>
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.