

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE_23_P_C_865_PRJ - 04281924_Lighting
CMPA Directory Link	https://deeresources.info/cmpa/projects/20858
PA	PGE
PA Application ID	PRJ - 04281924
PA Application Executed Date	
PA Program ID	SW_IP_Gov
PA Program Name	Statewide State of California Energy Strategy and Support Program - Custom
PA Program Year	
Date of CPUC Staff Review:	4/24/2023
PA CMPA Upload Dates Included in this review:	
First PA Upload	3/13/2023
Second PA Upload	N/A
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	LIGHTING RETROFITNEW-EXT-LED-WALL MOUNTED
Measure 2	LIGHTING RETROFITNEW-INT-LED-GENERALAREA LIGHTING
Measure 3	LIGHTING RETROFITNEW-EXT-LED-POLE MOUNTED
Measure 4	LIGHTING RETROFITNEW-EXT-LED-PARKING GARAGE
Measure 5	LIGHTING RETROFITNEW-EXT-LED-POLE MOUNTED
Measure 6	LIGHTING RETROFITNEW-EXT-LED-WALL MOUNTED
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	An 881 fixture lighting replacement project replacing linear fluorescent CFL and HID fixtures with LED fixtures at [REDACTED]
Bi-Monthly Upload kW Demand Reduction	34.4
Bi-Monthly Upload Annual kWh Impacts	380,604.8
Bi-Monthly Upload Therm Impacts	-1,823.7
PA Proposed Incentive \$ (to Customer)	\$91,821.43
Project Documentation kW Demand Reduction	34.4
Project Documentation Annual kWh Impacts	380,604.8
Project Documentation Annual Therm Impacts	-1,823.7
Project Documentation Incentive \$ (to Customer)	91,821.4
CPUC Staff Primary Reviewer Name	
CPUC Staff Primary Reviewer Firm	DNV
CPUC Staff Review Supervisor Name	
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 NOT Required

Action Number:	Summary of CPUC Staff Required Action by the PA:	Action Category	PA Response	ED Resolution
1	Please correct the peak demand savings estimate in the modified MLC. The interior fixture line items currently correspond to coincidence factors of 0.704 or 0.773, which reflect those of the placeholder DEER building type (hospital). Peak coincidence factors for interior fixtures should be revised to reflect the M&V data summarized in the "Operating Hours Datalogger Report" file.	Analysis assumptions		

2	Two line items in the MLC are described as exterior but claim coincident peak demand savings: MLC CalcCustHours rows 56 and 60. The review team could not find explanation for the use of interior hours and CFs for fixtures described as exterior in column T. Please address such fixtures in the post-installation M&V plan to justify their peak demand savings claim.	M&V plan		
3	The project submission did not include specific sources of standard practice costs; rather, the cost sources refer to various links of general online searches of model numbers (see CEG Line By Line spreadsheet tab SP Material Cost). After clicking on a selection of the links, the review team determined significantly different cost estimates than those claimed in project documentation. Moving forward, to ensure that the project's incremental cost reflects credible costs of the standard practice alternatives available on the market at the time of the project application, project submissions that rely on online quotes should include specific material cost listings for each fixture line item.	Measure cost		

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	PA Response	ED Resolution
1	Please amend the post-installation M&V plan to include update of the non-IOU energy analysis due to imminent expansion of the solar PV array (PFS page 18: "The PV system is expected to be operational by spring 2023.")	M&V plan		

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.