

## CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE_20_P_C_401_PRJ - 02218122_Lighting				
CMPA Directory Link	<a href="https://deeresources.info/accounts/login?next=/cmpa/projects/16004">https://deeresources.info/accounts/login?next=/cmpa/projects/16004</a>				
PA	PGE				
PA Application ID	PRJ - 02218122				
PA Application Executed Date	01/09/2020				
PA Program ID	PGE210143				
PA Program Name	Hospitality 2016-20				
PA Program Year	2020				
Date of CPUC Staff Review:	4/24/2020				
PA CMPA Upload Dates Included in this review:					
First PA Upload	2/25/2020				
Second PA Upload	N/A				
Third PA Upload	N/A				
PA Measure Description(s):					
Measure 1	Lighting Retrofit/New-Interior-LED-General/Area Lighting				
Measure 2					
Measure 3					
Measure 4					
Measure 5					
Measure 6					
Measure 7					
Measure 8					
Measure 9					
Measure 10					
PA Project Description:	Replaced/Retrofit (425) T8-4'-32w-1st Gen-3lamp-El-IS-VHLO with (425)				
PA Ex Ante kW Demand Reduction	29.8				
PA Ex Ante Annual kWh Impacts	94,361.2				
PA Ex Ante Annual Therm Impacts	-487.1				
PA Proposed Incentive \$ (to Customer)	\$15,639.98				
PA Proposed Total Payment to Implementer \$ (not to include the above incentive to customer)	0				
CPUC Staff Approved Ex Ante kW Demand Reduction	29.8				
CPUC Staff Approved Ex Ante Annual kWh Impacts	94,361.2				
CPUC Staff Approved Ex Ante Annual Therm Impacts	-487.1				
CPUC Staff Primary Reviewer Name					
CPUC Staff Primary Reviewer Firm	SBW Consulting				
CPUC Staff Review Supervisor Name					
CPUC Staff Review Supervisor Firm	SBW Consulting				
PA Primary Reviewer Name					
PA Primary Reviewer Firm					
CPUC Staff Project Manager					
CPUC Staff Policy Authorization (as needed)					
CPUC Staff Recommendation Marked "X":					
X	Application ready to proceed without exception				
	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	CPUC Response

1	<p>There are couple of discrepancies in reported savings estimates included in the project documentation package. The EI report shows total of 21kW, 68,882kWh and (356)therm savings but the estimated savings using MLC v.11 are 28.7kW, 94,360kWh and (488)therm.</p> <p>94,360kWh savings is greater than the total building usage as shown in "PRJ-02218122-UsageHistory-CONFIDENTIAL". This is due to the use of DEER default hours of use rather than the building actual hours of use. Please provide additional details on how the lighting system is controlled and update savings to use lighting actual hours of use (including details of how that was estimated). If actual hours of use are not available, please provide an M&amp;V plan to include details of how the actual lighting hours will be estimated.</p>	Calculation method	Within one month of this disposition	PG&E submitted a revised total annual building consumption of 162,619 kWh, based on 2019 utility bills.	Estimated savings are reasonable.
2	Please update payback calculations based on updated savings and provide the customer internal payback criteria	Eligibility	Within one month of this disposition	Not provided	Waived

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	Due Date
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