

## CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE 19 C C 279 PRJ - 01949656 BldgEnvlp		
CMPA Directory Link	<a href="https://deeresources.info/cmpa/projects/15636">https://deeresources.info/cmpa/projects/15636</a>		
PA	PGE		
PA Application ID	PRJ - 01949656		
PA Application Executed Date	8/28/2019		
PA Program ID	PGE21011		
PA Program Name	Commercial Calculated Incentives - Customized Incentive Program		
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	#N/A		
Third PA Upload	#N/A		
PA Measure Description(s):			
Measure 1	HVAC RETROFIT/NEW-ENVELOPE-WINDOWS-INSTALL WINDOW FILM		
Measure 2	HVAC RETROFIT/NEW-ENVELOPE-WINDOWS-INSTALL WINDOW FILM		
Measure 3	HVAC RETROFIT/NEW-ENVELOPE-WINDOWS-INSTALL WINDOW FILM		
Measure 4			
Measure 5			
Measure 6			
Measure 7			
Measure 8			
Measure 9			
Measure 10			
PA Project Description:	Install V33 window film on 3 joined 7 story office buildings totaling		
PA Ex Ante kW Demand Reduction	77.0		
PA Ex Ante Annual kWh Impacts	205,015.0		
PA Ex Ante Annual Therm Impacts	-2,506.0		
PA Proposed Incentive \$ (to Customer)	\$33,019.30		
PA Proposed Total Payment to Implementer \$ (not to include the above incentive to customer)			
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	Dan Bertini		
CPUC Staff Primary Reviewer Firm	SBW		
CPUC Staff Review Supervisor Name	Pete Jacobs		
CPUC Staff Review Supervisor Firm	BMI		
PA Primary Reviewer Name	Jeff Seto		
PA Primary Reviewer Firm	AESC Tech		
CPUC Staff Project Manager	Peter Lai / CPUC Energy Division		
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
1	Savings and incentive amount in project Technical Review report do not match the values reported in the bimonthly upload. Please reconcile the differences and revise the bimonthly upload as needed. Response dated 3/3/202 provided updated savings and clarified correct values. No further action required.	Other - discrepancy with bimonthly upload	N/A
2	Savings from eQUEST models updated by the Technical Reviewer do not match the values in the Technical Review report. Please verify the correct eQUEST models were submitted and/or revise Technical Report as necessary to resolve conflict. Response dated 3.3.2020 provided revised savings estimates. The kWh savings across the three buildings are within 9% of the values obtained from an independent eQuest run of the models provided. We attribute these discrepancies to differences in the eQuest program build number. No further action required.	Analysis assumptions	N/A
3	Gas impacts were not updated by the Technical Reviewer. Please revise the gas impacts to incorporate model changes made during Technical Review. Response dated 3/3/2020 included revised gas impacts in the Technical Review. Note gas impacts varied by 72% from the results obtained from an independent run of the submitted eQuest model. The absolute value of the gas impacts is small, and can be attributed to differences in the eQuest program build number. No further action required.	Analysis assumptions	N/A
Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	Due Date
1	EUL increase to 15 yr based on 15 yr full material and labor warranty is approved.	EUL/RUL	N/A
2	Please provide eQuest output files along with the input files to verify eQuest program version and build number in future submittals. Please also review simulation results for hours not met during project Technical Review. The subitted model showed > 40% of hours not met, in conflict with the consultant assertion of <4% of hours not met.	Analysis assumptions	N/A