

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE_20_C_R_445_PRJ - 02200942_WholeBldg			
CPUC Directory Link	https://deeresources.info/cmpa/projects/16821			
PA	PGE			
PA Application ID	PRJ - 02200942			
PA Application Executed Date	NA			
PA Program ID	PGE21003			
PA Program Name	Energy Upgrade California - Deemed - Multifamily Upgrade			
PA Program Year				
Date of CPUC Staff Review:	5/12/2020			
PA CMPA Upload Dates Included in this review:				
First PA Upload	4/20/2020			
Second PA Upload	#N/A			
Third PA Upload	#N/A			
PA Measure Description(s):				
Measure 1	MF-Home Upgrade-Total Products Rebate			
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	1.1			
PA Ex Ante Annual kWh Impacts	-6,268.0			
PA Ex Ante Annual Therm Impacts	4,319.0			
PA Proposed Incentive \$ (to Customer)	\$55,801.00			
PA Proposed Total Payment to Implementer \$ (not to include the above incentive to customer)	0			
CPUC Staff Approved Ex Ante kW Demand Reduction	1.1			
CPUC Staff Approved Ex Ante Annual kWh Impacts	-6,268.0			
CPUC Staff Approved Ex Ante Annual Therm Impacts	4,319.0			
CPUC Staff Primary Reviewer Name				
CPUC Staff Primary Reviewer Firm	SPE			
CPUC Staff Review Supervisor Name				
CPUC Staff Review Supervisor Firm	BMI			
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	CPUC response to actions
1	Project consists of a combination of modeled and deemed measures. Deemed measures in custom programs must use deemed savings from approved workpapers. Deemed measures in this project are low flow faucet aerators and showerheads. Deemed program estimates for kitchen faucet aerators is 5.0 therms per unit. PGECODHW125-R7 workpaper value is 3.7 therms per unit. Deemed program estimates for low flow showerheads is 7.4 therms per unit. PGECODHW125-R7 workpaper value is 5.0 therms per unit. Please revise savings claims based on currently approved workpapers	Analysis assumptions	Prior to savings claim	Savings updated and confirmed by reviewer. No further action required.

2	The therm savings from low flow fixtures are double counted in building 1. Please revise. All of the post retrofit buildings are showing a loss in kWh savings due to added fan energy. This does not make sense with the measures added. Please investigate fan power modeling and revise as necessary.	Analysis assumptions	Prior to savings claim	Proper accounting of low flow fixture savings verified by reviewer. No further action required. Increased fan energy resulting from insulating the walls does not make physical sense. CS verified correct EPro input files to DOE-2.1E. Apparent bug in simulation engine will be addressed with PG&E prospectively. No further action required.
3	kW savings from bi-monthly upload and verification report do not match. Please investigate and revise as necessary	Other - documentation discrepancy	Prior to savings claim	Revised claims verified by reviewer. No further action required.
4	The square footages and building identification numbers in the energy model are hard to verify from the hand sketches. Recommend doublechecking.	Project scope unclear	Prior to savings claim	Square footage checked and verified by program implementer. No further action required.

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