

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE_20_C_529_Site Specific Project - 920 NMEC
CMPA Directory Link	https://deeresources.info/cmpa/projects/18604
PA	PGE
PA Application ID	Site Specific Project - 920
PA Application Executed Date	
PA Program ID	GPNMCUCC19
PA Program Name	University of California/California State University - NMEC Whole
PA Program Year	2020
Date of CPUC Staff Review:	12/1/2020
PA CMPA Upload Dates Included in this review:	
First PA Upload	9/21/2020
Second PA Upload	10/19/2020
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	NMEC Whole Building
Measure 2	
Measure 3	
Measure 4	
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	Whole building NMEC
Bi-Monthly Upload kW Demand Reduction	151.7
Bi-Monthly Upload Annual kWh Impacts	887,905.0
Bi-Monthly Upload Therm Impacts	114,839.0
PA Proposed Incentive \$ (to Customer)	\$337,856.85
Project Documentation kW Demand Reduction	151.7
Project Documentation Annual kWh Impacts	1,260,325.0
Project Documentation Annual Therm Impacts	114,839.0
CPUC Staff Primary Reviewer Name	
CPUC Staff Primary Reviewer Firm	E 350
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:	Advisory
For rejection, action required:	N/A
M&V Review:	Post M&V Review (M&V Results and Final Calculations) Required

Action Number:	Summary of CPUC Staff Required Action by the PA:	Action Category	Due Date	PA Response	ED Resolution
1	NMEC project review is advisory only. Please submit first year performance report	Continue Document Upload	After year 1 performance period		
2	Non IOU fuel analysis was not submitted as requested in the SDR. PG&E responded by providing an interconnection agreement that states no energy will be fed from the solar plant to the grid, and thus an assessment does not need to be performed. The non-IOU fuel analysis needs to analyze grid impacts. If the project saved more energy than the grid purchase, then the grid impact would be limited to the purchase amount rather than the savings. This is not likely to happen at this site since the grid purchases greatly exceed the magnitude of the savings, but the non-IOU fuel analysis needs to comply with the rules stated in the "Energy Efficiency Savings Eligibility at Sites with non-IOU Supplied Energy Sources—Guidance Document."	Self generation	N/A		

3	Based on review of the model residuals, the reviewer observed several likely outliers in the electricity and steam baseline models that were not accounted for in the model and not discussed in the Final M&V Plan. The reviewer also observed a potential non-routine event (NRE) which could account for several of the noted potential outliers. The electricity, steam, and CHW models each begin to diverge from the baseline use starting in Mid-September-Early October 2018, with residuals increasing in magnitude from that point onward. This is highlighted by the Steam model, which has residuals exceeding 3 standard deviations in the first week of November 2018. Suggestion discussion with customer to identify potential reasons for divergence, such as change in operations of the building due to start of new school semester.	Calculation method	N/A		
4	Several issues were noted in the bimonthly upload data for this project: site address was missing and the wrong data was put in the market sector field. Please review the bimonthly upload process for this program and adjust as needed.	Other - issue with bimonthly upload	N/A		
5	Errors were noted in the "Pre-Calcs" workbook affecting the calculation of kWh savings, project costs and EUL. Only 2 of the 5 recommended projects were included in the savings and cost data in the project documentation. Correction of the error increases savings from 887,905 kWh to 1,260,325 kWh and increases project cost from \$974,645 to \$1,101,835. Annual energy sums utilized for weighting factors on "EUL Table" tab were calculated incorrectly. CIM 1 pump savings were double counted and measures with kWh savings were not converted to site kBtu prior to summation.	Calculation method	N/A		
6	Please provide a description of "how sites will be tracked to identify participation in multiple concurrent programs" in the M&V plan as called out in LBNL's NMEC Guidance.	M&V plan	N/A		

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category	Due Date	PA Response	ED Resolution

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. <u>There will not be conditional approval.</u>
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>