

## CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE_20_P_C_458_PRJ - 00964561_HVAC
CPMA Directory Link	<a href="https://deeresources.info/cmpa/projects/">https://deeresources.info/cmpa/projects/</a>
PA	PGE
PA Application ID	PRJ - 00964561
PA Application Executed Date	0
PA Program ID	a0n3600000NcVhw
PA Program Name	University of California/California State University - SBD Whole Building
PA Program Year	
Date of CPUC Staff Review:	5/26/2020
PA CMPA Upload Dates Included in this review:	
First PA Upload	4/14/2020
Second PA Upload	N/A
Third PA Upload	N/A
PA Measure Description(s):	
Measure 1	INTEGRATED BUILDING-NONRES/RES-DESIGN TEAM-INITIAL PAYMENT
Measure 2	INTEGRATED BUILDING-NONRES-WHOLE BUILDING APPROACH
Measure 3	
Measure 4	
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	0
PA Ex Ante kW Demand Reduction	217.3
PA Ex Ante Annual kWh Impacts	598,265.8
PA Ex Ante Annual Therm Impacts	37,717.6
PA Proposed Incentive \$ (to Customer)	\$347,764.59
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	
CPUC Staff Primary Reviewer Firm	Sugarpine
CPUC Staff Review Supervisor Name	
CPUC Staff Review Supervisor Firm	SBW
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
	<p>Many inconsistencies between the model and the design documents were noted:</p> <ul style="list-style-type: none"> <li>*AHU-1 return fan is undersized in the model compared to the design documents</li> <li>*Some fan coils are modeled at low CFM</li> <li>*HW pump in model is at lower power load than specified in design documents</li> <li>*HW boiler capacities are much lower in model than in design specs</li> <li>*Heat recovery chiller uses incorrect part load curve</li> <li>*exhaust fans have been neglected throughout the model</li> </ul> <p>Please ensure these inputs are correct and match final design documents at model true-up stage.</p>	Parameter assumptions

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