

## CPUC Staff Ex Ante Review

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|---|---|
| CPUC Staff Project ID Number  | PGE 19 C C 311 PRJ - 01983203 HVAC  |
| CMPA Directory Link   | <a href="https://deeresources.info/cmpa/projects/15746">https://deeresources.info/cmpa/projects/15746</a> |
| PA  | PGE   |
| PA Application ID   | PRJ - 01983203  |
| PA Application Executed Date  | 10/1/2019   |
| PA Program ID   | PGE211025   |
| PA Program Name   | Savings by Design (SBD) - Savings by Design Whole Building  |
| PA Program Year   | 2019  |
| Date of CPUC Staff Review:  | 3/17/2020   |
| PA CMPA Upload Dates Included in this review:   |   |
| First PA Upload   | 11/19/2019  |
| Second PA Upload  | 12/31/2019  |
| Third PA Upload   | 2/4/2020  |
| PA Measure Description(s):  |   |
| Measure 1   | INTEGRATED BUILDING-NONRES/RES-DESIGN TEAM-INITIAL PAYMENT  |
| Measure 2   | INTEGRATED BUILDING-NONRES/RES-DESIGN TEAM-FINAL PAYMENT  |
| Measure 3   | INTEGRATED BUILDING-NONRES-WHOLE BUILDING APPROACH  |
| Measure 4   |   |
| Measure 5   |   |
| Measure 6   |   |
| Measure 7   |   |
| Measure 8   |   |
| Measure 9   |   |
| Measure 10  |   |
| PA Project Description:   | New Elementary school located in San Jose, CA is 75,400 sf and includes 5 buildings.                      |
| PA Ex Ante kW Demand Reduction  | 29.9  |
| PA Ex Ante Annual kWh Impacts   | 67,613.0  |
| PA Ex Ante Annual Therm Impacts   | 7,413.0   |
| PA Proposed Incentive \$ (to Customer)  | \$32,902.48   |
| PA Proposed Total Payment to Implementer \$<br>(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  |   |

|  |   |                        |
|--|---|------------------------|
| <b>PA Primary Reviewer Firm</b>                    |   |                        |
| <b>CPUC Staff Project Manager</b>                  |   |                        |
| <b>CPUC Staff Policy Authorization (as needed)</b> |   |                        |
| <b>CPUC Staff Recommendation Marked "X":</b>       |   |                        |
|  | Application ready to proceed without exception  |                        |
|  | Application ready to proceed with exception(s), as noted  |                        |
| x  | Application rejected.   |                        |
|  | Application not ready for review, revised and resubmit as noted   |                        |
| <b>Action Number:</b>                              | <b>Summary of CPUC Staff Required Action by the PA:</b>   | <b>Action Category</b> |
|  | <p>The reviewer noted the following issues with the EnergyPro model. The reviewer indicated that these issues have a high potential of dropping savings below the 10% threshold. Please address issues and re-check eligibility.</p> <ol style="list-style-type: none"> <li>1. Remove R25 exterior insulation from JA4 tab of metal framed walls. Plans do not reflect any exterior insulaiton on the walls. R25 batt was already in the model.</li> <li>2. Change roof construction from metal building to metal framed. This does not change the asdsembly R value but does change the standard buildign R value.</li> <li>3. Change window from manufactured to site built with U and SHGC values of center of glass.</li> </ol> | Input assumptions      |

| Note or Instruction Number: | CPUC Staff Notes or Instructions: | Instruction Category |
|-----------------------------|-----------------------------------|----------------------|
| 1                           |                                   |                      |
| 2                           |                                   |                      |
| 3                           |                                   |                      |
| 4                           |                                   |                      |
| 5                           |                                   |                      |
| 6                           |                                   |                      |
| 7                           |                                   |                      |
| 8                           |                                   |                      |
| 9                           |                                   |                      |
| 10                          |                                   |                      |

