CPUC Comments on SWHC030-02 – Whole House Fan, Residential

Lead PA: SCE

Workpaper Submittal Date: 12/7/2020

CPUC Review Date: 01/26/2021

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| CPUC Comment | PA Response |
| The methodology for estimating the costs appears to be reasonable. However, the assumed fan and motor system efficiency of 80% seems high for a PSC motor. PSC motors typically have efficiencies around 55% to 65%. | Agreed. We have adjusted the analysis using an assumed 50% system efficiency based on your comment and assumption of system efficiency defaults in eQuest. This results in motors between 0.75 and 2.5 HP. We have also found more online retailer samples of the larger motor sizes to calculate the ECM /PSC cost ratio. |
| The savings is derived directly UES values found in DEER2020. The calculations and vintage weighting were submitted; however, it is unclear if the savings were simulated and weighted for all 5 thermostat types. | DEER energy impacts do not show separate savings for the for the 5 thermostat types. It was assumed that that weighted had been done to arrive at the final DEER values. This assumption has been added to the workpaper document.  Furthermore, newer DEER2020 savings from 9/11/2020 were found in the DEER database. The savings and calculation methodology has been updated to reflect these savings. |

Please note responses to comments in the table below, revise workpaper, and upload the entire package to the WPA. If needed, please reach out to Workpaper Review Team to set up a call to discuss.