CPUC Comments on SWAP001-02: Refrigerators and Freezers

Lead PA: PGE

Workpaper Submittal Date: 09/10/2020

CPUC Review Date: 09/30/2020

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.

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| CPUC Comment | PA Response |
| It has come to our attention that there are missing data for CZ14- CZ16 in the DEER 2020 records. Please explain how CZ14 – CZ16 energy impacts were calculated in this workpaper. | All SWAP001 measures have a complete set of data including zones CZ14-CZ16. The saving data was downloaded from DEER; the data includes saving for the zones in question. |
| In screen shot below:   1. Incorrect source description – please update to reflect version 02. Please update in all other locations in workpaper narrative and the EAD tables. 2. EnergyImpactIDs – It appears that these are measure IDs – please provide the correct Energy Impact IDs. | 1. Replaced version 01 with version 02 in all documents. 2. Replaced measures ID with Energy Impact IDs on EAD Table |
| Refrigerators and freezer capacities are expressed in cubic feet (the interior volume). The larger the interior volume, the greater the energy consumption. Shouldn’t the normalizing unit be cubic feet instead of square feet? Also, what does area mean here? Surface area of freezers/refrigerators? | DEER2020 utilized Area-ft2 as the normalized unit replacing “each” in previous version. DEER defined Area-ft2 as the area of a household. Recently DEER2020 was updated and now following was changed in the workpaper:  EnergyImpactIDs’ normalizing unit change from ‘Area-ft2’ to ‘Household’: Res-Frzr-dKWH-Cond and Res-Refr-dKWH-Cond. |
| It seems measure cost is obtained from web scrapping performed in 2016. How has the appliance cost changed since 2016? Also, should not the cost be converted to 2020 $ equivalent? | Measure costs were revised using RSMeans price index. |
| 15% better than energy star or federal standard? | Corrected to 15% better than Federal Standard. |