

State of California

Memorandum



Date: August 17, 2020

To: Gary Barsley, Southern California Edison (SCE); Henry Liu, Pacific Gas and Electric (PG&E); Chan Paek, Southern California Gas (SCG); Ed Reynoso, San Diego Gas and Electric (SDG&E); John Zwick, San Diego Gas and Electric; Nancy Goddard, PacifiCorp

CC:

From: Peter Biermayer - Utilities Engineer, Industrial/ Agricultural Programs and Portfolio Forecasting Section, Energy Efficiency Branch, Energy Division, CPUC

Subject: Disposition Approving Commercial Convection Oven – Gas to Electric Fuel Substitution  
Workpaper: **SWFS022-01**

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## 1. Discussion and Direction

The California Public Utilities Commission (CPUC) approves the statewide workpaper for Commercial Convection Oven – Gas to Electric Fuel Substitution: SWFS022-01. This workpaper is a new Phase 2 workpaper submission. The workpaper is effective on August 17, 2020.<sup>1</sup>

## 2. Workpaper Summary

This fuel substitution workpaper measure case specification accounts for the idle energy rate, cooking energy efficiency rate, and production capacity of a convection oven which includes testing data from the Food Service Technology Center & Food Service Testing Lab (SoCalGas), rebate participant survey, industry standard practice study, field data monitoring, and reviews of the California Energy Commission database and the Energy Star® certified equipment. This workpaper meets all fuel substitution guidance document requirements<sup>2</sup>.

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<sup>1</sup> New Phase 2 workpapers are effective upon approval.

<sup>2</sup> Fuel Substitution Technical Guidance for Energy Efficiency, V1.1, dated 10/31/2019.  
<https://www.cpuc.ca.gov/WorkArea/DownloadAsset.aspx?id=6442463564>

### 3. Critical Review Issues

Fuel substitution measures may face market barriers and Program Administrators (PAs) may choose to offer rebates to the customer that exceed the net cost to the participant of installing the more efficient measure, i.e., the Incremental Measure Cost (IMC)<sup>3</sup>. In the instances where the cost of the rebate exceeds the IMC, PAs will outline the reasons for such rebate in an addendum. Since each PA program may have different rebates, each PA will need to provide a separate addendum. If the program is third-party implemented, an addendum will be required for each instance.

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<sup>3</sup> The additional cost of installing a more efficient measure calculated from the price differential between energy efficient equipment and services and standard or baseline equipment or services. Note that any cost premium resulting from features or components that do not improve the efficiency of the equipment is excluded from the incremental measure cost calculation.