

State of California

Memorandum



Date: June 18, 2021

To: Ryan Cho, Southern California Edison (SCE); Jay Bhatka, SCE; Danielle Dragon, Pacific Gas and Electric (PG&E); Chan Paek, Southern California Gas (SCG); Ed Reynoso, San Diego Gas and Electric (SDG&E); John Zwick (SDG&E); Nancy Goddard, PacifiCorp

CC:

From: Peter Biermayer P.E., Utilities Engineer, EE Planning & Forecasting Section, Energy Division, CPUC

Subject: Disposition Approving Heat Pump Water Heater – Fuel Substitution, Residential –
Workpaper SWWH025-04

1. Discussion and Direction

The California Public Utilities Commission (CPUC) approves the statewide workpaper for Heat Pump Water Heater – Fuel Substitution, Residential – Workpaper SWWH025-04.

2. Workpaper Summary

This workpaper is a revision to the existing workpaper Heat Pump Water Heater – Fuel Substitution, Residential – SWWH025-03 and updated electric and gas impact profiles to use TechIDs from DEER Water Heater Calculator v4.2 per CPUC Resolution E-5082. This workpaper will become effective on January 1, 2022. This workpaper meets all fuel substitution guidance document requirements.¹

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). In the instances where the cost of the rebate exceeds the IMC,

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

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.