SDG&E Workpaper Upload

November 20, 2017

Subject: README FIRST File for *WPA Upload of November 20, 2017*

For clarity, this file is included along with the workpaper upload for November 20, 2017 to clarify what information is being uploaded and how SDG&E intends for CPUC Staff to use.

Overall, there are four aspects of this submission:

1. New SDG&E Workpaper **“WPSDGEREWH0023\_Rev0\_SF\_Central System NG Boilers MF\_FINAL\_20171108.docx”**. Adapted SCG’s workpaper WPSCGREHW1306613A Rev1 for SDG&E given climate zones (6,7,8,10,14, and 15).
2. New SDG&E Workpaper “**WPSDGEREMI0006\_Rev0\_Window Retrofit\_FINAL\_20171113.docx”.** Adapted SCE workpaper to include DMO building type and remove SFM and MFM building types. Updated measure case to new window with U-factors or 0.32 and SHGC 0.23. Updated base case U-factor based on Federal Codes for manufactured homes. Updated GMC and IMC based on CMHP cost data. Included SDG&E program administrator Attachment 10 in zip file.
3. Updated SDG&E Workpaper “**WPSDGEREWH0022\_Rev2\_SF\_Residential Heat Pump Water Heater\_FINAL\_20171117.docx**”. Updated workpaper impacts to address Resolution E-4867, measure changes that effect 40 and 50 gallons storage water heaters, and electric profile changed to single family implementations.
4. **SDG&E Ex-Ante data base file “20171120\_Boiler\_Windows\_HPWH.mdb”:** SDG&E is submitting one database for items 1, 2 and 3 above.

Should there be any questions associated with the above, please contact SDG&E Engineering.