

**TURN DATA REQUEST**  
**TURN-SDG&E-DR-05**  
**SDG&E SB 350 TRANSPORTATION ELECTRIFICATION PROPOSALS (A.17-01-020)**  
**SDG&E RESPONSE**  
**DATE RECEIVED: August 16, 2017**  
**DATE RESPONDED: August 30, 2017**

**DATA REQUEST**

Please provide an electronic response to the following question. A hard copy response is unnecessary. The response should be provided on a CD sent by mail or as attachments sent by e-mail to the following:

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For each question, please provide the name of each person who materially contributed to the preparation of the response. If different, please also identify the SDG&E witness who would be prepared to respond to cross-examination questions regarding the response.

For any questions requesting numerical recorded data, please provide all responses in working Excel spreadsheet format if so available, with cells and formulae functioning.

For any question requesting documents, please interpret the term broadly to include any and all hard copy or electronic documents or records in SDG&E's possession.

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1. Regarding SDG&E's testimony, p. CF 29, which states, "SDG&E proposes to recover the costs of implementing the TE proposals, which consists primarily of costs for such things as charger equipment, transformers, services and meters, as addressed in the testimony of Randy Schimka (Chapters 3 and 4), through distribution rates, consistent with the recovery of similar costs."
  - a. Please provide the maximum and average, per customer monthly bill impact for a residential, commercial, and industrial customer incorporating the full revenue requirement through 2050 for SDG&E's standard review residential charging program under SDG&E's proposed cost recovery proposal.

**SDG&E Response (provided by Cynthia Fang):**

The attached file, "TURN DR05 – Q1a" provides the average rate impact by customer class, which reflects the impact on the average bill, by customer class. This percentage change is expected to be the same for all customers within that class, assuming no change in usage.

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- b. Please provide the maximum and average, per customer monthly bill impact for a residential, commercial, and industrial customer incorporating the full revenue requirement through 2050 for TURN's proposed cost recovery methodology (to allocate all revenues not related to distribution hardware according to the Public Purpose Program (PPP) allocator<sup>1</sup> and to include hardware upgrades to the distribution system (i.e., hardware that is composed of items in front of (but not including) the final line transformer, such as cable, substation transformers, etc.) in distribution rates) as discussed in the testimony of Garrick Jones, pages 11-12.

**SDG&E Response (provided by Mike Calabrese, Randy Schimka and Cynthia Fang):**

SDG&E's residential charging program consists of a 240 volt circuit from the customer panel that is terminated at or inside the EVSE. SDG&E's program does not include hardware upgrades to the distribution system (i.e., hardware that is composed of items in front of (but not including) the final line transformer, such as cable, substation transformers, etc.). The equipment listed in bullet form in the testimony of Garrick Jones, pages 11-12 is not applicable to SDG&E's residential charging program. As such, the average rate impact by customer class is the same as that presented in the response to Question 1a.

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<sup>1</sup> All of the following infrastructure and infrastructure-related activities should be included in PPP rates:

- final line transformer,
- service drops,
- panels,
- trenching,
- wiring,
- conduit,
- make-ready stubs,
- rebates for charging equipment,
- any other behind-the-transformer equipment and/or activities,
- any program costs, such as PG&E might incur with its plans to work with customers to evaluate the equipment that meets the customer's needs.