**A.14-04-014 SDG&E EV PILOT**

**TURN Data Request**

**Data Request Number:** TURN-06

**Date Sent:** March 19, 2015

**Response Due:** April 2, 2015

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:

|  |  |  |
| --- | --- | --- |
| Marcel Hawiger  The Utility Reform Network  785 Market Street, Suite 1400  San Francisco, CA 94103  [marcel@turn.org](mailto:marcel@turn.org) | Elise Torres  The Utility Reform Network  785 Market Street, Suite 1400  San Francisco, CA 94103  [etorres@turn.org](mailto:etorres@turn.org) |  |

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 SCE 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 SCE’s possession.

1. Re. Table 6-12: Please provide the “Total benefits” and “total costs,” for each test, for each year of the cost-effectiveness period (2014-2028), both in nominal and constant $.
2. Follow-up to TURN DR 05, question 6 and the revised testimony of Cynthia Fang (Ch.3), and regarding the C-CPP adder:
   1. Please explain how the C-CPP adder is calculated? Please provide any relevant workpapers.
   2. Please explain whether the C-CPP adder is constant for a given year?
   3. Is the C-CPP adder related to existing CPP tariff? If yes, please explain.
3. Re. SDG&E Schedule EECC-CPP-D as it relates to the VGI rate:
   1. Do the TOU periods apply to the VGI rate for non-CPP event days?
   2. Does the capacity reservation (SC 13) apply?
4. Regarding the D-CPP:
   1. Concerning the top 200 hours: Please reconcile the statements in the response to TURN DR 05, question 06(a) with the testimony of Martin (Chapter 6) at JCM-13:21-23. Will there be separate calculations of the top 200 hours for each circuit, or will the CAISO load curve be used as a proxy for some or all of the circuits?
   2. If SDG&E calculates the top 200 hours for each circuit separately, please explain how SDG&E obtains the data and forecasts the top 200 hours for each circuit independently.
5. Regarding the load shown in response to TURN DR 02, question 02: Please separate the GWh amounts shown in Rows 44-47 (VGI scenario) by amounts billable only under the VGI tariff versus other tariffs. Provide the data for each year in a similar spreadsheet format.
6. Please assume SDG&E were installing the VGI equipment subject to Rules 15 and 16 – what elements (category and costs) as shown in Schimka WP would be classified as special or added facilities?
7. Regarding Table RS-2 in SCE Witness Randy Schimka’s ‘cost estimate’ workpapers:
   1. Please provide a detailed definition of, “Data Recording Meter and Power Control Relay Modules.”
   2. If the “Data Recording Meter and Power Control Relay Modules,” are separate pieces of equipment (i.e., there is a data recording meter and a power control relay, separately), please so indicate and divide the total amount indicated per site (i.e., $4,700) between the amount for data recording meters and power control relays, if applicable.
   3. Please explain in detail the activities and components involved in the line item, ‘Kiosk & 10 circuit install (conduit, kiosk pad, wiring)’. Please include in your response, but do not limit it to, a description of where, with respect to the panel, kiosk and charging stations that SDG&E would install such circuits.
   4. Please divide the $30,000 included for CapEx Labor in the ‘Kiosk & 10 circuit install (conduit, kiosk pad, wiring)’ line between ‘Kiosk’ and ’10 circuit install (conduit, kiosk pad, wiring)’. Please further divide ’10 circuit install (conduit, kiosk pad, wiring)’ into separate estimates for ‘conduit’, ‘kiosk pad’, ‘wiring’, and any other relevant category, such that the sum of the separate items equals the total identified for the ’10 circuit install (conduit, kiosk pad, wiring)’ division requested in this subpart.
   5. Please identify the line item in which SDG&E includes materials costs for the ’10 circuit install’, which includes the parenthetical phrase, “(conduit, kiosk pad, wiring)” but whose cost is listed under CapEx Labor; please also provide the amount SDG&E estimates such materials costing, segmented by type of material (e.g., conduit, wiring, etc.).
      1. Please identify in which cost type (e.g., CapEx Labor, CapEx Non-Labor, etc.) SDG&E includes materials costs for conduit, kiosk pad, and wiring costs and why? If SDG&E has not included materials costs for such items in its proposal, please explain why it has not.