

**A.17-01-022**  
**SDG&E Senate Bill 350 Transportation Electrification Program**  
**TURN Data Request**

**Follow Up to the Cross Examination of J.C. Martin**  
**Data Request Number: TURN-08**  
**Date Sent: October 4, 2017**

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 load shift benefits analysis presented in response to TURN-01, question 10, please provide all assumptions regarding EV driver response to GIR price signals, including but not limited to the following. Please explain all assumptions.
  - a. The percentage of time or charging sessions under the "with program scenario" participating customers are assumed to charge off-peak?
  - b. If participating customers under the "with program scenario" are expected to respond to negative prices during periods of solar overgeneration.
    - i. If yes, the percentage of time or charging sessions under the "with program scenario" participating customers are assumed to respond to negative prices during period of solar overgeneration.
    - ii. Does this assume the EVs are plugged into the EVSE during times of solar overgeneration? If yes, what percentage of vehicles are estimated to be plugged into the EVSE?

- c. If participating customers under the “with program scenario” are expected to respond to CAISO day-ahead prices.
  - i. If yes, the percentage of time or charging sessions under the “with program scenario” participating customers are assumed to respond to CAISO day-ahead prices.