

ORA DATA REQUEST
ORA-SDG&E-DR-02
SDG&E VEHICLE GRID INTEGRATION PROJECT
A.14-04-014
SDG&E RESPONSE
DATE RECEIVED: MAY 13, 2014
DATE RESPONDED: MAY 27, 2014

1. In SDG&E's "VGI workpapers – Model As Filed.xlsx" ("Workpaper") from DR-01, tab "VGI Commodity" sheet, SDG&E shows 14% CAISO Variable Adjustment:
 - a. Please provide an explanation and supporting documents to substantiate the \$238,092,298 in Commodity Variable Costs and the \$1,662,427,260 in Total Commodity Revenue.
 - b. Please identify all the components that are included in the variable adjustment.

SDG&E Response:

- A. The \$238,092,298 consists of fuel, variable O&M and start costs for generation resources in SDG&E's portfolio represented in SDG&E's commodity rates as well as net market purchases and ancillary service costs (see attached). SDG&E believes the identified costs represent the equivalent commodity cost as would be represented by the CAISO hourly day-ahead price as presented in the CAISO Day-Ahead Market. The \$238,092,298 is 14% of the total commodity revenues of \$1,662,427,260.

The attached Excel spreadsheet includes the basis for the \$238,092,298. *This attachment is considered Confidential Information Pursuant to PUC Code Section 583 and General Order 66-C.*

- B. The Commodity Variable Costs include the following:
 - a. Fuel, start and variable O&M costs for all dispatchable conventional power purchase agreements;
 - b. Fuel costs for Utility Owned Generation;
 - c. Load ISO Charges;
 - d. Ancillary Service Costs;
 - e. Supply ISO Revenues.

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2. In SDG&E's Workpaper, tab "VGI Distribution" sheet, SDG&E uses 50% of the capacity revenue to develop the D-CPP adder.
 - a. Please provide an explanation and supporting documents to substantiate the reasonableness of the choice of 50%.

SDG&E Response:

SDG&E's proposed D-CPP is intended to provide customers with a premium price signal to encourage behavior that could potentially defer future investments in distribution infrastructure driven by use during peak circuit hours. Those peak circuit hours are captured through the VGI rate in a circuit's top 200 hours of forecasted demand. The VGI customer also has a cost responsibility for their use of existing distribution infrastructure. Absent further study on where the appropriate allocation is between pricing to encourage the deferral of future investment and recovery of customer utilization, SDG&E proposes to set the initial allocation to the D-CPP adder at 50% of distribution demand revenues.

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3. In SDG&E's Workpaper, tab "CAISO Data" sheet, SDG&E provided some sample CAISO data; please provide ORA with the complete CAISO day-ahead hourly prices for the year 2013.

SDG&E Response:

ORA has withdrawn this question, May 15, 2014. ORA was able to download the requested material.