ORA DATA REQUEST
ORA-SDGE-169-TCR
SDG&E 2019 GRC – A.17-10-007
SDG&E RESPONSE
DATE RECEIVED: MARCH 22, 2018
DATE RESPONDED: APRIL 9, 2018

Exhibit Reference: SDG&E-14
SDG&E Witness: Alan F. Colton
Subject: Reliability Circuit Analysis - follow up to DR-119

Please provide the following:

1. Confidential attachments were provided with SDG&E's response to data request ORASDG& E-119-TCR. Define the following terms in those attachments, and how they are calculated:
    a. RTR,
    b. VR,
    c. PBR gain.

SDG&E Response 01:

a. RTR is the Return Ratio, which is calculated by taking the presumed dollar benefit divided by the preliminary improvement cost. It is analogous to a cost/benefit ratio.

b. VR is defined as the Value Ratio, a metric created and used internally, it is simply the ratio of the expected incremental annual customer minutes interrupted (CMI) benefit divided by the cost of the project.

c. PBR gain, the potential monetary Performance-Based Ratemaking benefit (or loss prevention) to the utility from performing this system enhancement.

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2. Confidential attachments were provided with SDG&E's response to data request ORA-SDG&
E-119-TCR. Each includes a spreadsheet image titled "Branch Analysis Model."
Please provide the following regarding this spreadsheet:

a. The native spreadsheet software used,
b. The functional spreadsheet model for both projects,
c. A narrative description of how the "Branch Analysis Model" relates to the "Reliability Circuit Analysis" mentioned in response to question 1b of DR-119.

SDG&E Response 02:

SDG&E objects to this request as seeking information that is not relevant to the issues before the Commission in this case and outside the scope of the proceeding. Subject to and without waiving this objection, SDG&E states as follows:

a. The Branch Analysis Model is Microsoft Excel based.

b. Please see the accompanying Excel files, "Confidential – SDGE-ORA-169-TCR-CIR355 Branch Analysis Model At 3555-65R" and "Confidential – SDGE-ORA-169-TCR-CIR355 Branch Analysis Model At F192485," which are Confidential and Protected Material Pursuant to P.U. Code Section 583 & General Order 66-D and D.17-09-023, and are accompanied by supporting declaration.

c. The branch model is an extension of the full Reliability Circuit Analysis and only applies to radial branches, whereas the feeder model is much more complex due to the ability to sectionalize and restore customers via ties to adjacent circuits.

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3. Confidential attachments were provided with SDG&E's response to data request ORASDG&E-119-TCR. One includes two spreadsheet images titled "Proposed Switch…" that have RTR and VR values at the bottom. Please provide the following regarding this spreadsheet:

a. The native spreadsheet software used,
b. The functional spreadsheet model,
c. A narrative description of how this model relates to the "Reliability Circuit Analysis" mentioned in response to question 1b of DR-119.

SDG&E Response 03:
SDG&E objects to this request as seeking information that is not relevant to the issues before the Commission in this case and outside the scope of the proceeding. Subject to and without waiving this objection, SDG&E states as follows:

a. The software is a Microsoft Access Database with Visual Basic integration. While the image is in tabular format, it is not a spreadsheet but is a report from the database, it contains data but does not contain working formulae.

b. This model is not a spreadsheet. It is a Microsoft Access Database and is not a plug-and-play file.

c. The model performs more dynamic calculations than the branch analysis as it considers feeder sectionalizing on a circuit. It also has the ability to model and restore customers using ties with adjacent circuits.

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4. Confidential attachments were provided with SDG&E's response to data request ORASDG& E-119-TCR. Provide the budget code for each project, and WOA and CBD if applicable and not provided in a prior DR response.

SDG&E Response 04:

The circuits listed are projects within the 93240 and 230 budgets. Budget 93240 CBD and WOA was submitted as part of ORA-SDGE-016. Budget 230 CBD and WOA are attached, "Confidential – SDGE-ORA-169-TCR-Budget 230 CBD & WOA," and are Confidential and Protected Material Pursuant to P.U. Code Section 583 & General Order 66-D and D.17-09-023, accompanied by supporting declaration.

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5. What is the native format of the "Reliability Circuit Analysis" mentioned in response to question 1b of DR-119? If the format is Excel or a compatible spreadsheet program, provide a functional version of the "Reliability Circuit Analysis" tool, or any sub-parts of the "Reliability Circuit Analysis" tool that are in Excel or a compatible spreadsheet program.

SDG&E Response 05:

Similar to the description in Question 3, the Reliability Circuit Analysis is a Microsoft Access Database, is not an Excel or compatible spreadsheet program, and is not a plug-and-play file.