

San Diego Gas & Electric Company's
Quarterly Data Report on WMP
Spatial and Non-Spatial Data (QDR)

November 1, 2022



Pursuant to the California Public Utilities Commission (Commission or CPUC) Resolution WSD-011, and Wildfire Safety Division’s Compliance Operational Protocols, issued February 16, 2021, SDG&E hereby submits its Quarterly Data Report (QDR) for the period July 1, 2022 through September 30, 2022 (Q3). A copy of this report is being provided to the California Office of Energy Infrastructure Safety (OEIS) docket and the service list of Rulemaking (R.) 18-10-007.

Specifically, this QDR provides the following:

- Non-Spatial Data Tables in the format provided by OEIS (“2022-11-01_SDGE_2022_QDR Non-Spatial Data_R0.xlsx”)¹
- A geodatabase file containing SDG&E’s currently available WMP reportable data in the schema provided by WSD (confidential file “SDGE_2022_Q3.gdb.zip”) based on version 2.2 of the OEIS GIS schema. SDG&E is also providing an accompanying confidentiality declaration.
- The QDR Status Report, which in accordance with previously provided guidance, is an excel spreadsheet “2022-11-01_SDGE_QDR Spatial Data Status Report SDGE_R0.xlsx” which provides line by line accounting of the data included within this QDR, as well as an explanation of data gaps and timelines for gathering data not currently included in the confidential geodatabase file.
- The “SDGE_InitiativePhotoLog_2022_Q3 Feature Class” contains an additional field called Hyperlink that contains a URL to the photos that relate to the compliance findings in the Asset Inspection Point for the DIAR Program. SDG&E will provide access to OEIS staff that will be reviewing the photos.

As directed by OEIS, SDG&E is submitting its complete QDR, including all confidential information and supporting declarations via SharePoint.² SDG&E also includes two appendices that explain updates to the data.

SDG&E’s Quarterly Data Report: Non-Spatial

SDG&E has noted a delta in the number of weather stations being reported in the spatial data when compared to the non-spatial (Table 8) data. The discrepancy was caused by the status of these weather stations still showing as “Preliminary” in the enterprise GIS system. These stations have now been updated to show as “Active” and the data is aligned between the two reports. Additionally, SDG&E notes that three weather stations SDG&E utilizes are outside of SDG&E’s service territory, and therefore are not included in Table 8.

¹ SDG&E notes that certain items have been clarified in response to data requests since the 2021 WMP Update was filed. Specifically, SDG&E stated, “SDG&E has identified approximately 390,000 accounts that may have customers with access or functional needs, of which approximately 185,000 reside in the HFTD, utilizing programs or services.” (p.99). The correct number of AFN customers that reside in the HFTD is 40,000. Additionally, SDG&E clarified the number of tree-trimming activities performed in 2020 in response to a Substation Vegetation Management data request to the Wildfire Safety Division.

² California Office of Energy Infrastructure Safety – Data Submission Procedures (July 27, 2021).

SDG&E's Quarterly Data Report: Spatial

SDG&E has implemented several improvements to the logic that supports the data within the file geodatabase. The improvements include:

- Tabular automation of 8 Asset Inspection Programs
- Tabular automation of 4 Vegetation Management Programs
- Tabular automation of 6 Grid Hardening Programs
- Tabular automation of 1 Other Initiative Program
- Tabular automation of 12 out of 14 Asset Point/Line Feature Classes/Relate Tables utilizing SDG&E's central repository increasing the accuracy and attribute completeness of the schema requirements
- Tabular automation of 1 Feature Class in Other Required Data
- Tabular automation of 2 Risk Event Feature Classes

SDG&E's focus is on continuous improvement and therefore would like to highlight the areas that have been identified and will be a focus for future submissions:

- SDG&E continues to improve data collection of grid hardening initiatives that are reported by line. There continue to be discrepancies between the forecasting and calculation of mileage from the point (pole) data to the line data. SDG&E will investigate the discrepancies and continue to close this gap. SDG&E will continue to report against forecasted data utilizing point data, and will move to transition forecasting and reporting utilizing line data in 2023.
- SDG&E continues work on the realignment of vegetation management data to report the Species, which was previously mapped to Common Name, in its correct Species field. SDG&E will continue to create new fields and update source data to populate Genus, Species and Common Name as the data is populated through routine inspections.
- SDG&E included distribution secondary conductor in this release. Secondary conductor is mapped by SDG&E but is not part of the traceable electric network. The conductor lines exist spatially but attributes are not currently updated due to cut-overs and the current secondary conductor mapping standard. However, SDG&E is prioritizing secondary conductor attribute population in the HFTD areas of the service territory. An update on the progress of this initiative will be provided in the next QDR release.
- To facilitate alignment of the non-spatial and spatial QDR data, there were changes made to update the Utility Tracking IDs after the Q1 report. These IDs are now consistent in the Q2 and Q3 reports. Changes between Q1 and the updated reports can be viewed by utilizing the Section Number for alignment.
- Completion of Circuit 176 for Vegetation LiDAR inspections was reported in Q2. While the vegetation clearance report was completed and finalized, SDG&E found minor issues with the processed LiDAR data and this data has not yet been fully accepted. This mileage has been removed from the Q2 cumulative numbers and will be reported as completed in the Q4 report.