

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

August 2, 2021



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 April 1, 2021 through June 30, 2021 (Q2). 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 previously provided by WSD (“2021 Q2 QDR – Non-Spatial Data 08 02 2021.xlsx”)¹
- A geodatabase file containing SDG&E’s currently available WMP reportable data in the schema provided by WSD (confidential file “SDGE_20210802.gdb.zip”). SDG&E is also providing an accompanying confidentiality declaration.
- The QDR Status Report, which in accordance with previously provided guidance, is an excel spreadsheet “2021Q2 QDR – Status Report 08 02 2021.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_20210802 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’s Quarterly Data Report: Spatial

In its previous QDR submissions, SDG&E has sought clarification of various issues related to the design of the geodatabase template and looks forward to an opportunity to work with OEIS and stakeholders on potential refinements. In the meantime, SDG&E has invested in a technical data solution to aggregate data from multiple sources for reporting from a single database. This solution is evolving each submission as we work towards automation of the deliverables.

To provide insight to OEIS related to SDG&E’s quarterly data reporting capabilities, SDG&E has continued to use the status report to indicate if data is available to be reported. This applies to data fields not included in this specific deliverable because no events occurred during the reporting

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.

timeframe, for which SDG&E marked “yes” that data was included and provided clarification in the data availability field that there was “No reportable data for this quarterly report.” SDG&E’s rationale is to provide a clear picture of the current reporting capabilities, regardless of the number of reportable events during a given reporting period.

While working through the schema requirements and how to associate with SDG&E’s dataset, we have the following suggested improvements:

- As per the 2021-Q1 submission, SDG&E will provide a simplified version of the status report in a separate file to OEIS which allows further filtering and comparison of data across feature classes. SDG&E uses this file to provide more uniform responses across similar data fields. SDG&E requests that OEIS consider allowing this file as a replacement for the existing status report template for future submissions to allow filtering on all fields within the status report to simplify completion of the status report by the IOUs and review of the status report by OEIS.
- As OEIS continues to refine its GIS Data Standard, SDG&E respectfully requests the inclusion of a confidentiality attribute within each feature class of the geodatabase template as a solution to the challenge of differentiating between confidential and non-confidential data within each geodatabase submission. Currently, confidentiality is only tracked via the separate excel status report and requires significant manual effort to scrub confidential information from the confidential .gdb submission when a non-confidential .gdb is requested by intervenors.
- The Asset Point feature classes contains the primary key (PK) which are the unique identifier for the table feature class. SDG&E uses a global identifier (GUID); however, a Business Identifier (I.e. FacilityID) is needed to fully distinguish and identify from a business perspective the individual assets within the dataset.

In SDG&E’s 2021 Q2 submission, SDG&E made several improvements to the logic that supports the data within the file geodatabase. The improvements include:

- Automation of 8 out of the 12 Asset Inspection Programs from the source system.
- Automation of 2 Asset Point Feature Classes utilizing SDG&E’s central repository increasing the accuracy and attribute completeness of the schema requirements.
- Completed a revision to the relate table in the past submission adding onto the dataset and providing the correct relationships between asset information and the one-to-many relationship between circuits, substations and support structures.