Grid Resource Integration Portal
QUICK START GUIDE

Key Datasets

• Electric Distribution System

• High Fire Threat Districts

• Distributed Energy Resources

• Integration Capacity Analysis

• Grid Needs Assessment

• Distribution Deferral Opportunity Report

Overview

The Grid Resource Integration Portal provides public access to planning data for the electric distribution system, including capacity, forecasts, and planned project data. There are three ways to interact with the data; via the online map interface, via the downloadable data, or via the Application Programming Interface (API).

Map Interface

The map interface at GRIP.pge.com is often the first way that people interact with the data. The map includes standard functions like: search, zoom, pan, sorting, filtering, and the ability to turn layers on or off. There are also many additional features that are described in the User Guide. The map interface is build on an ESRI ArcGIS Hub site, which supports most standard browsers. The default view displays forecast loading for the PG&E distribution system, with Load ICA (Integration Capcity Analysis) capacity data available on line sections at more granular zoom scales.

The data on the Grid Resource Integration Portal is organized into three categories: System data, ICA data, and DIDF data, and all datasets include helpful identifying information like the Names and IDs for different facilities. System datasets include: transmission lines and substations, distribution feeders and substations and some info about DG. The ICA datasets include ICA results, Expected Load Capacity, and a buffer zone around the networked secondary system. The primary datasets in the Distribution Investment Deferral Framework (DIDF) are (a) the Grid Needs Assessment, which includes DER forecasts, load forecasts, and forecast grid needs, and (b) the Distribution Deferral Opportunity Report, which includes information about planned distribution projects and candidate deferral opportunities.Transmission projects are currently categorized as part of the DIDF datasets.

Downloadable data

All of the DRP data portal data is available in downloadable formats, but there are multiple ways to access the files.

- User Documentation is available for download via the Help widget in the map.

- DIDF appendices are available through the Download widget in the map

- Similarly, detailed results from ICA studies are available in zipped .csv files, which have been grouped into PG&E's administrative divisions. Within each zipped division group, there are zipped csv files, named based on the Feeder IDs. Within each csv file, each line section has the following results: 576 hourly results for each of the 4 limiting criteria.

- Additionally, the map interface allows users to 'export' full datasets or filtered datasets in multiple formats

API

The DRP data portal data is available via a REST endpoint, at https://services2.arcgis.com/mJaJSax0KPHoCNB6/arcgis/rest/services/DRPComplianceRelProd/FeatureServer. There is no log in required.