

Data Request CPUC_042-Q04/CPUC_042-Q05: Attachment 1

DR CPUC_042-Q04: Does PG&E maintain now, or has it ever maintained, central data bases or data repositories (excluding ECTS and Emeryville files) that permit PG&E to ascertain and access within a day the following information about transmission pipe in service:

DR CPUC_042-Q05: If PG&E has responded yes to any of the 3.a -3.1 [sic] above, for each such response provide the name of the data base or repository.¹

Because of the question's breadth, PG&E is unable to provide a comprehensive answer. Nonetheless, PG&E responds as follows:

Data Bases: The table below discusses the central data bases or data repositories (excluding ECTS and Emeryville files) that permit PG&E to ascertain and access within a day specified information regarding transmission pipes in service.

Geographical Information System ("GIS") contains the information requested in certain subparts below, but with limitations. GIS does not include station piping, in some instances has blank fields, and in other instances relies on conservative assumptions where data is missing. To the extent that information is in GIS, PG&E can access it within a day. PG&E has previously acknowledged that GIS contains certain inaccuracies and that it does not rely on GIS as a system of record. PG&E is in the process of developing a more robust, versatile and accurate GIS.

Additionally, the Pipeline Features List that PG&E is preparing for the MAOP project will feature much of the information requested in this data request.

¹ We understand the reference to 3.a-3.1 to be a reference to 4.a-4.1

	Information	Accessibility
a	Location of all cast iron pipe	PG&E does not use cast iron pipe for its transmission system and believes that it has never used cast iron pipe for its transmission system.
b	Location of all pipe installed more than 50 years ago	Yes, GIS has this information.
c	Location of all pipe joined with acetylene welds	Yes, GIS has this information.
d	Location of all pipe joined with mechanical couplings	Yes, PG&E collects coupling information in an offline Excel spreadsheet to support risk calculations and then loads this information onto a table in GIS. The table is not visible to all users, however, and GIS itself does not directly track mechanical couplings.
e	Location of all pipe with a Joint Efficiency Factor of less than 1.0	Yes, GIS has this information.
f	Location of all Low Frequency ERW pipe	Yes, GIS has this information.
g	Location of all Flash Welded pipe	Yes, GIS has this information.
h	Location of all pipe by manufacturer	No, PG&E does not generally have this information in a central data base or data repository. In limited instances, however, GIS may include manufacturer information. Additionally, manufacturer information could be maintained in hard copy form in job files at the Bayshore storage facility, the Emeryville storage facility or a vendor storage facility being used as part of the MAOP project.
i	Location of all pipe that has been re-used or reconditioned	No, PG&E has not identified any centralized data base or data repository that tracked re-used or reconditioned pipe prior to September 10, 2011.

j	Date and location of all pipe manufactured	No, PG&E has not identified a central data base or data repository that captures this information. PG&E generally maintains information regarding the dates pipes were installed rather than the dates and locations they were manufactured.
k	Grade, location, date discovered, and total number of all leaks discovered on a pipeline or segment	No, PG&E does not have a central data base or data repository that can provide information for “all leaks” using the specified search criteria. While PG&E maintains leak data in hardcopy format (A-Forms and predecessor forms) and in electronic leak databases, PG&E has not yet integrated this data into a single system that can be searched by pipeline.
l.	Location of HCA segments	Yes, the location of HCA segments can be found in GIS.