

SDG&E

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.

and In Response to Data Request SDG&E R15-01-008 2016 June Report

9/9/2016

Rev. 4/4/16

Appendix 8 - Total Leaks & Emissions

Pursuant to SB 1371, Leno - Natural gas: leakage abatement, the California Public Utilities Commission (CPUC) requests that the following information be transmitted to the CPUC and the State Air Resources Board (ARB)
 Note - Definitions in Data Request SDG&E R15-01-008 2016 June Report

The following question in the above mentioned data request is answered using the spreadsheets in this Appendix (#8):

(5) The system-wide gas leak rate data, as defined in Data Request SDG&E R15-01-008 2016 June Report along with any data and computer models used in making that calculation, for the 12 months ending December 31st, of the reporting year.

Response:

Summary Tables:

System Categories	Emission Source Categories	Emissions Type	Total Annual Volume of Leaks & Emissions (Mcsf) Note: If the leak data is based on a leak survey of only part of the system, extrapolate the results up to 100% of the system.	Explanatory Notes / Comments
Transmission Pipelines	Pipeline Leaks	Graded / Non-Graded Leaks	87	
	All Damages	Graded / Non-Graded Leaks	0	
	Blowdowns	Emissions	3,426	
	Component Emissions	Emissions	1	
	Odorizers	Emissions	2	
Transmission M&R Stations	Station Leaks & Emissions	Non-Graded Leaks / Emissions	22,216	
	Blowdowns	Emissions	31	
	Component Leaks & Emissions	Non-Graded Leaks / Emissions	0	
Transmission Compressor Stations	Compressor Emissions	Emissions	1,262	
	Blowdowns	Emissions	3,956	
	Component Leaks & Emissions	Non-Graded Leaks / Emissions	1,085	
	Storage Tank Leaks & Emissions	Non-Graded Leaks / Emissions	3	
Distribution Main & Service Pipelines	Pipeline Leaks	Graded / Non-Graded Leaks	33,730	Includes estimated emissions from estimated number of unknown leaks
	All Damages	Graded / Non-Graded Leaks	8,894	
	Blowdowns	Emissions	45	
	Component Emissions	Emissions	0	
	Odorizers	Emissions	0	
Distribution M&R Stations	Station Leaks & Emissions	Non-Graded Leaks / Emissions	80,973	
	Blowdowns	Emissions	16	
	Component Leaks & Emissions	Non-Graded Leaks / Emissions	5	
Customer Meters	Meter Leaks	Non-Graded Leaks	126,261	
	Vented Emissions	Emissions	54	
Underground Storage	Storage Leaks & Emissions	Non-Graded Leaks / Emissions	0	
	Compressor Emissions	Emissions	0	
	Blowdowns	Emissions	0	
	Component Leaks & Emissions	Non-Graded Leaks / Emissions	0	
	Dehydrator Vent Emissions	Emissions	0	

Unusual Large Leaks	(Description)	Case-By-Case		
---------------------	---------------	--------------	--	--