

SoCalGas, June 15th, 2023

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.
In Response to Data Request, R15-01-008 - 2023 June Report
Appendix 2; Rev. 03/30/2023

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

Facilities emissions that are based on a population count times an emission factor (See Appendix 9 for guidance).

Transmission M&R Station Total Leaks and Emissions:

Number of Stations	Station Classification	Emission Factor (Mscf/yr/station)	Annual Emission (Mscf)	Explanatory Notes / Comments
70	T	1554.80	108,836	This includes stations that have Transmission to Distribution connections
492	F	12.2	6,002.40	Tap Facilities -Transmission Maintained
Sum Total			114,838	

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Transmission M&R Station Blowdowns:

ID	Geographic Location	Number of Blowdown Events	Annual Emissions (Mscf)	Explanatory Notes / Comments
TSR 2021-4209	92201	1	1177.0	Pipeline Blowdown
BD-2021-214	91344	1	96.6	Pipeline blowdown
BD-2022-328	91350	1	107.0	Pipeline blowdown
BD-2022-329	91344	1	96.5	Pipeline blowdown
BD-2022-333	91803	1	8.9	Blowdown for SRC
BD-2022-471	91344	1	0.3	Pipeline blowdown
BD-2022-589	91344	1	3.2	Pipeline blowdown
BD-2022-590	91344	1	16.7	Pipeline blowdown
BD-2022-632	92821	1	62.5	Pipeline blowdown
BD-2022-634	90746	1	90.5	Pipeline blowdown
BD-2022-635	92371	1	57.3	Pipeline blowdown
BD-2022-636	92371	1	54.5	Pipeline blowdown
BD-2022-640	91436	1	113.5	Pipeline blowdown
BD-2022-666	92887	1	172.9	Pipeline blowdown
BD-2023-803	91350	1	165.5	Pipeline blowdown
BD-22-84	91436	1	33.1	Pipeline blowdown
N/A	SoCalGas Territory	406	12.2	Filter Changeout or Filter Inspection w/parts replacement - Estimated avg. gas vented = 30 scf/ea
N/A	SoCalGas Territory	43	0.1	LineBreaks - Estimated avg. gas vented = 2 scf/insp
N/A	SoCalGas Territory	35	0.7	Meter/Orifice 20 scf/each
N/A	SoCalGas Territory	54	1.1	Relief Valve Inspection at Transmission M&R Stations - Estimated avg. gas vented = 20 scf/insp
N/A	SoCalGas Territory	15	0.5	Drips 30scf/ each
N/A	SoCalGas Territory	14	0.0	Analyzers & GCs 2scf/inspection
N/A	SoCalGas Territory	422	0.8	Actuators/Controllers - Estimated avg. gas vented = 2 scf/insp
Sum Total			2,271	

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Notes:

The data collected on this sheet is for informational purposes and may not be included in the emissions inventory for 2020. The worksheet is designed to track actual emissions for future reference and to determine if an actual leak based emission accounting is feasible for M&R stations. Use a formula-derived value with the formulas used in the Annual Emissions column. Do not use a copy and paste-in value. At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

The emissions captured on this tab represent the emissions associated with the operational design and function of the component. Any intentional release of natural gas for safety or maintenance purposes should be included on the Blowdowns worksheet.

Transmission M&R Station Component Vented Emissions:

ID	Geographic Location	Station Classification	Device Type	Bleed Rate	Manufacturer	Number of Days Emitting	Annual Emissions (Mscf)	Explanatory Notes / Comments
765-12.36-2-C	90023	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1170-5.90-7A	90278	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1170-5.90-8A	90278	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1220-0.05-102A-A	90278	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1220-0.03-202B-A	90278	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2003-8.80-A4	90280	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2003-15.23-10-A	90303	A3	P	I	BECKER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2003-15.23-10-S	90303	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2003-15.23-11-S	90303	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2003-15.23-12-S	90303	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2003-15.23-9-A	90303	A3	P	I	BECKER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1021-0.00-2-A	90740	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1021-0.00-3-A	90740	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
325-5A	90745	A3	P	I	BPE		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
325-9P	90745	A3	P	I	BPE		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1023-0.33-1A	90803	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2007-0.04-1-A	90810	A3	P	I	BECKER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
765-26.13-1A	90810	A3	P	I	BECKER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
3000-285.97-50A	91344	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
3000-285.97-57A	91344	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
3001-0.00-14A	91344	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
ACT#16.00	91344	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
225-80.79-27A	91350	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
225-80.79-32A	91350	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
235-241.94-18A	91350	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
235-241.94-22A	91350	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
235-241.94-26A	91350	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
235-241.94-2A	91350	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
235-241.94-9A	91350	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
3008-1.98-78A	91350	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
335-64.91-1A	91350	A3	P	I	LEDEEN		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
324-47.35-12A	91360	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
408-0.12-3A	91355	A3	P	I	BECKER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
SAUG # 16	91355	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
SAUG #13	91355	A3	P	I	BRISTOL		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
404-44.59-14A	91360	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
406-44.59-2A	91360	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
406-44.59-3A	91360	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
MPK-#8733	91360	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
WS-2716615	91360	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
3001-1.02-2-A	91436	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
404-55.42-12-A	91436	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
404-55.43-91-C	91436	A3	P	I	FISHER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4000-101.67-3A	91709	A3	P	I	GROVE		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1027-34.46-0ACT	92028	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1028-34.46-0ACT	92028	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
5000-50.19-8ACT	92101	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2001-135.95-41	92238	A3	P	I	HKC		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
6000-0.00-0ACT	92555	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4000-76.61-1A	92336	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4002-76.62-11A	92336	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4002-76.62-13A	92336	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4000-61.55-17	92371	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4000-61.55-24	92371	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1185-5.11-14ACT	92393	A3	P	I	BPE		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1185-5.11-18ACT	92392	A3	P	I	BPE		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2000-155.06-98ACT	92555	A3	P	I	HKC		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2000-200.65-7A	92555	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2000-200.65-8A	92555	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
6000-0.00-0ACT	92555	A3	P	I	HKC		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1017-16.09-15-A	92646	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1017-16.09-19-A	92646	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2001-191.19-5A	92887	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2001-191.19-6A	92887	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4000-107.25-1A	92887	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4000-107.25-6A	92887	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4000-111.11-22A	92887	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4000-111.11-33A	92887	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4002-106.02-3A	92887	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4002-106.02-7A	92887	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
4002-109.89-3A	92887	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
MIL-# 5985	93003	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
MIL-#330RA	93003	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
37-0.00-10A	93010	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
37-0.00-8A	93010	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
404-20.80-6A	93066	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
404-20.80-8A	93066	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
KETPGE-8-3	93203	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
KETPGE-9-3	93203	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
ST89-9-2	93203	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
225-47.03-1A	93243	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
85-156-72-6A	93243	A3	P	I	BECKER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
203-9.08-3A	93252	A3	P	I	VRG		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
203-9.08-7A	93252	A3	P	I	VRG		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
CV-8-2	93268	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
CV-9-1	93268	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
CV-9-2	93268	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
RO89-9	93268	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
5000-72.51-26ACT	92101	A3	P	I	HKC		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1018-24.86-8A	92646	A3	P	I	BPE		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1015-6.07-2-A	92646	A3	P	I	BECKER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
DIV273R	93111	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
OPS-9-2	93268	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1005-38.50-0A	92066	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
120-103.49-2-A	90280	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2003-22.51-3ACT	90280	A3	P	I	ROTORK		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
2003-5.94-1-A	90280	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
3007-0.00-0ACT	90293	A3	P	I	BECKER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
765-2.90A	90745	A3	P	I	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
1024-0.31-9A	90745	A3	P	I			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year

Sum Total 0

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The emissions captured on this tab represent the emissions associated with unintentional leaks that if repaired would not be leaking. If the component is releasing gas or "bleeding" as a result of its design or function, then it is not to be captured in this tab.

Transmission M&R Station Component Fugitive Leaks:

ID	Geographic Location	Station Classification	Device Type	Bleed Rate	Manufacturer	Discovery Date (MM/DD/YYYY)	Repair Date (MM/DD/YYYY)	Number of Days Leaking	12/31/2022		1/1/2022		Explanatory Notes / Comments	Priority Survey Date (MM/DD/YYYY)
									Emission Factor (Mscf/Station/Year)	Annual Emissions (Mscf)	Emission Factor (Mscf/Station/Year)	Annual Emissions (Mscf)		
7963978	92555 A3	V				5/18/2022	5/19/2022	139	NA	NA	NA	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	1/1/2021	
7963979	92555 A3	V				5/18/2022	5/19/2022	139	NA	NA	NA	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	10/1/2021	
8072119	92886 A3	V				9/17/2022		365	NA	NA	NA	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	12/1/2021	
8125402	91765 A3	V				12/1/2022	12/1/2022	45	NA	NA	NA	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	10/18/2022	
8128156	91436 B2	V				12/5/2022		100	NA	NA	NA	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	9/23/2022	
8041341	92821 B3	V				3/5/2022		341	NA	NA	NA	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	11/23/2021	
7984437	90740 B2	V				2/1/2022	12/7/2022	365	NA	NA	NA	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	5/4/2021	
Sum Total														

Appendix 2; Rev. 03/30/2023

Header column "Comment" boxes displayed below for reference.	
Column Heading	Description and Definition of Required Contents (IF not self-explanatory)
Station Leaks and Emissions	
Number of Stations	
Station Classification	D = direct sale T = transmission-to-transmissions interconnect As revised in 2021, enter Farm Taps in Appendix 5
Emission Factor (Mscf/yr)	
Annual Emission (Mscf)	
Explanatory Notes / Comments	
Blowdowns	
ID	
Geographic Location	GIS, zip code, or equivalent
Number of Blowdown Events	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Component Vented Emissions	
Geographic Location	GIS, zip code, or equivalent
Station Classification	A1 = above grade, pressure <100 psi A2 = above grade, pressure =100-300 psi A3 = above grade, pressure >300 psi B1 = below grade, pressure <100 psi B2 = below grade, pressure =100-300 psi B3 = below grade, pressure >300 psi
Device Type	C = connector O = open-ended line M = meter P = pneumatic device PR = pressure relief valve V = valve
Bleed Rate	L = low bleed I = intermittent bleed H = high bleed NA = not applicable
Manufacturer	
Number of Days Emitting	Because the emissions are a factor of design or function, these emissions counted for the entire year.

Annual Emissions (Mscf)	The emissions should be based on 365 days times the actual volume emitting if known, or the approved Emissions Factor. Note whether the emissions are based on actual volumetric measures in the next column.
Explanatory Notes / Comments	
Component Fugitive Leaks	
ID	
Geographic Location	GIS, zip code, or equivalent
Station Classification	A1 = above grade, pressure <100 psi A2 = above grade, pressure =100-300 psi A3 = above grade, pressure >300 psi B1 = below grade, pressure <100 psi B2 = below grade, pressure =100-300 psi B3 = below grade, pressure >300 psi
Device Type	C = connector O = open-ended line M = meter P = pneumatic device PR = pressure relief valve V = valve
Bleed Rate	L = low bleed I = intermittent bleed H = high bleed NA = not applicable
Manufacturer	
Discovery Date (MM/DD/YY)	List the actual discovery date. If the leak was discovered in the year of interest, then we will assume the component was leaking from the beginning of the year for emissions reporting purposes, or prior survey date if surveyed previously within the year of interest.
Repair Date (MM/DD/YY)	Date that the component repair stopped the leak. Any associated blowdowns as a result of the repair should be included in the blowdowns tab.
Number of Days Leaking	Assume Leaking from January 1 of subject year or prior survey date, whichever is later, thru the repair date (if repaired in year of interest) or December 31 of subject year, whichever is earlier. For O&M discovered leaks, assume that the leak begins with the discovery date thru repair date or December 31st of subject year, whichever is earlier.
Emission Factor (Mscf/day/dev)	
Annual Emissions (Mscf)	

Explanatory Notes / Comments	
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