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 - 2024 June Report Appendix 2; Rev. 03/29/2024

#### 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/ <mark>station</mark> )	Annual Emission (Mscf)	Explanatory Notes / Comments
70	T	1554.80	108,836.00	This includes stations that have Transmission to Distribution connections
492	F	12.20	6,002.40	Tap Facilities -Transmission Maintained
				_
		Sum Total	114,838	

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Note:

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.

### Transmission M&R Station Blowdowns:

ID	Geographic Location	Number of Blowdown Events	Annual Emissions (Mscf)	Explanatory Notes / Comments
BD-2023-834	92887	1	54.66	Station blowdown
BD-2023-812	93011	1	7.74	Station blowdown
BD-2023-816	91803	1	0.08	Station blowdown
BD-2023-978	92336	1	0.01	Station blowdown
BD-2023-1113	92225	1	695.22	Station blowdown
BD-2023-1144	92555	1	720.87	Station blowdown
BD-2023-1160	92257	1	5.73	Station blowdown
BD-2024-1284	92257	1	22.81	Station blowdown
BD-2024-1107	92555	1	681.79	Station blowdown
BD-2024-1315	91350	1	0.00	Station blowdown
BD-2023-1033	91803	1	54.6964	Station blowdown
N/A	SoCalGas Territory	393	11.79	Filter Changeout or Filter Inspection w/parts replacement - Estimated avg. gas vented = 30 scf/ea
N/A	SoCalGas Territory	35	0.07	LineBreaks - Estimated avg. gas vented = 2 scf/insp
N/A	SoCalGas Territory	31	0.62	Meter/Orifice 20 scf/each
N/A	SoCalGas Territory	46	0.92	Relief Valve Inspection at Transmission M&R Stations - Estimated avg. gas vented = 20 scf/insp
N/A	SoCalGas Territory	16	0.48	Drips 30scf/ each
N/A	SoCalGas Territory	8	0.02	Analyzers & GCs 2scf/inspection
N/A	SoCalGas Territory	487	0.97	Actuators/Controllers - Estimated avg. gas vented = 2 scf/insp
	[	Sum Total	2,258	

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The data collected on this sheet is for informational purposes and may not be included in the emissions inventory for 2023. The worksheet is designed to track actual emissions for future reference and to determine if an actual leak based emission accounting is fessible for M&R stations. Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste sa-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:

	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	1			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 1170-5.90-8A	90278 90278	A3 A3	P	1			NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year
.220-0.03-102A-A	90278	A3	P	- 1			NA NA	Intermittent Bleed Prieumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/Station/Year  Intermittent Bleed Prieumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/Station/Year
220-0.03-202B-A	90278	A3	P	i			NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msc//Station/Year
2003-8.80-A4	90280	A3	P	1			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	1	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	1			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
2003-15.23-11-5	90303	A3	P	1			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
2003-15.23-12-5	90303 90303	A3 A3	P		BECKER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year
2003-15.23-9-A 1021-0.00-2-A	90303	A3 A3	P		BECKER		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/Station/Year  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 1021-0.00-3-A	90740	A3	P	1			NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Msc//station/Year  Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Msc//station/Year
325-SA	90745	A3	Р.	i	BPE		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1.554.8 Mscf/Station/Year
325-SP	90745	A3	P	1	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	1			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	1	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	1	BECKER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
1000-285.97-50A	91344	A3	P	1	RETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
000-285.97-57A 3003-0.00-74A	91344 91344	A3 A3	P		BETTIS BETTIS		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year 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	- 1	BETTIS		NA 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	1	BETTIS		NA 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 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 NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msc//Station/Year
235-241.94-22A	91350	A3	P	1	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	1	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	1	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	1	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	1	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 .	1	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	91355	A3	P	1	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msc//Station/Year
408-0.12-3A SAUG # 16	91355 91355	A3 A3	P	1	BECKER BETTIS		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year
SAUG # 16 SAUG #13	91355 91355	A3 A3	P	- 1	BRISTOL		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/Station/Year  Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/Station/Year
5AUG #13 404-44.59-14A	91355 91360	A3 A3	P	1	DNIJTUL		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/Station/Year  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 NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,534.8 Mscf/Station/Year
406-44.59-3A	91360	A3	P	i			NA 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	1			NA 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	1			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	1			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	1			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	1	FISHER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
1000-101.67-3A	91709	A3	P	1	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		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 5000-50.19-8ACT	92028 92201	A3 A3	P		BETTIS BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
2001-155.95-41	92201 92258	A3 A3	P	- 1	HKC		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscl/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscl/Station/Year
4000-76.61-15A	92336	A3	,	- 1	HKC		NA NA	Intermittent Bleed Priedmatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/Station/Year
4000-76.61-13A	92336	A3	P	- 1			NA NA	Intermittent Bleed Priedmatic 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 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 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	1			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	1			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	92392	A3	P	1	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	1	BPE		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
000-155.06-98ACT	92555	A3	P	1	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 2000-200.65-8A	92555 92555	A3 A3	P				NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year
6900-0.00-0ACT	92555	A3	P	- 1	HKC		NA 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	,	- 1	HKC		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Pactor of 1,554.8 Mscf/Station/Year
1017-16.09-19-A	92646	A3	P	i			NA 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 NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msc//Station/Year
2001-191.19-6A	92887	A3	P	1			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	1			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	1			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	1			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
000-111.11-33A	92887	A3	P	1			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	1			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	1	OFTER		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
1002-109.89-3A MIL-#5985	92887 93003	A3	P	1	BETTIS		NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year
MIL- # 5985 MIL- #330RA	93003 93003	A3 A3	P	1	BETTIS		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msc/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msc/Station/Year
MIL- #33UKA 37-0.00-10A	93003	A3 A3	P	- 1	DE I IIS		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/station/Year.  Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/Station/Year.
37-0.00-10A 37-0.00-8A	93010	A3 A3	P	1			NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscl/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscl/Station/Year
404-20.80-6A	93066	A3	P	i			NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,534.8 Mscf/Station/Year
404-20.80-8A	93066	A3	P	i			NA 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	1			NA 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	1			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	1			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	1			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	1	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	1	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		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 CV-9-1	93268 93268	A3	P				NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Msc//Station/Year
CV-9-1 CV-9-2	93268 93268	A3	P				NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year
CV-9-2 RIOBR-9	93268 93268	A3 A3	P	1			NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msc/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msc/Station/Year
RIOBR-9 000-72.51-26ACT	93268	A3 A3	P	- 1	HKC		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/Station/Year
	92201 92646	A3 A3	P D	1	HKC RPF		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscl/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscl/Station/Year
	92646	A3		1	BECKER		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1,554.8 Mscf/Station/Year
	93111	A3	P	1	DECKEN		NA 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		A3	P	i			NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
	93268							
1015-6.07-2-A DIV273R KPS-9-2			P	1	BETTIS		NA.	Intermittent Bleed Prieumatic Devices emissions are included in Trans-to-trans. Emission Factor of 1.554.8 Mscr/Station/Year
1015-6.07-2-A DIV273R KPS-9-2 1005-38.50-0A	93268	A3	P P	1	BETTIS		NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Msd/Station/Year
1015-6.07-2-A DIV273R KPS-9-2 1005-38.50-0A 120-103.49-2-A	93268 93066	A3 A3	P P P	1 1 1	ROTORK		NA NA NA	
1015-6.07-2-A DIV273R KP5-9-2 1005-38.50-0A 120-103.49-2-A 003-22.51-3ACT	93268 93066 90280	A3 A3 A3	P P P	1 1 1			NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
	93268 93066 90280 90280	A3 A3	P P P P	 			NA NA	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscl/Station/Year Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscl/Station/Year

Sum Total 0

## Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing. Commission Regulated Natural Cas Pspelines and Facilities to Reduce Natural Cas Leaks Consistent with Senate Bill 1371, Leno. In Response to Data Response to Data Reposet. RE-60-008-2024 June Report April 2018-2024 June Report

Notes.

The date collected on this short is for informational purposes and may not be included in the emissions inventory for 2023. The workshort is designed to track actual loads for future reference and to determine if an actual lead based emission accounting is feasible for MAR stations.

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.

The emissions captured on this tub 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	ransmission M&R Station Component Fugitive Leaks: 12/31/2023 1/1/2023											
ID	Geographic Location	Station Classification	Device Type	Bleed Rate	Manufacturer	Discovery Date (MM/DD/YY)	Repair Date (MM/DD/YY)	Number of Days Leaking	Emission Factor (Mscf/day/dev)	Annual Emissions (Mscf)	Explanatory Notes / Comments	Prior Survey Date (MM/DD/YYYY)
8072119	92886 B3	3	V			9/17/2022	8/17/2023	229 N	A	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
8128156	91436 B1	1	C			12/5/2022	10/27/2023	300 N	A	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	6/28/2022
8185888	91709 B3	3	C			1/18/2023	6/26/2023	177 N	A	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	9/16/2022
8235267	93277 B3	3	C			3/13/2023	7/31/2023	189 N	A	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	1/24/2023
8242095	92257 B3	3	Other			3/23/2023	12/18/2023	352 N	A	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	11/8/2022
8269040	93277 B3	3	M			4/25/2023		342 N	A	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	1/24/2023
8385682	91709 B3	3	V			8/23/2023	8/23/2023	93 N	A	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	5/23/2023
8483379	92887 B3	3	P			12/8/2023	12/8/2023	22 N	A	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	11/17/2023
								6	um Total		1	

## Appendix 2; Rev. 03/29/2024

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)	As revised in 2021, enter raini raps in Appendix 5							
Annual Emission (Mscf)								
Explanatory Notes /								
Comments								
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							
	A1 = above grade, pressure <100 psi							
	A2 = above grade, pressure =100-300 psi							
Station	A3 = above grade, pressure >300 psi							
Classification	B1 = below grade, pressure <100 psi							
	B2 = below grade, pressure =100-300 psi							
	B3 = below grade, pressure >300 psi							
	C = connector							
	O = open-ended line							
Device Type	M = meter							
,,	P = pneumatic device							
	PR = pressure relief valve							
	V = valve							
	L = low bleed							
Bleed Rate	I = intermittent bleed							
	H = high bleed							
BA must set see	NA = not applicable							
Manufacturer	Decays the emissions are a factor of design as function, these against as							
Number of Days Emitting	Because the emissions are a factor of design or function, these emissions							
,	counted for the entire year.							

	The emissions should be based on 365 days times the actual volume emitting
	if known, or the approved Emissions Factor.
Annual Emissions (Mscf)	
	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
	A1 = above grade, pressure <100 psi
	A2 = above grade, pressure =100-300 psi
Station	A3 = above grade, pressure >300 psi
Classification	B1 = below grade, pressure <100 psi
Classification	B2 = below grade, pressure =100-300 psi
	B3 = below grade, pressure >300 psi
	C = connector
	O = open-ended line
	M = meter
Device Type	
	P = pneumatic device
	PR = pressure relief valve
	V = valve
	L = low bleed
Bleed Rate	I = intermittent bleed
	H = high bleed
	NA = not applicable
Manufacturer	
	List the actual discovery date.
Discovery Date	If the leak was discovered in the year of interest, then we will assume the
(MM/DD/YY)	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.
	Date that the component repair stopped the leak. Any associated
Repair Date (MM/DD/YY)	blowdowns as a result of the repair should be included in the blowdowns
	tab.
	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.
Number of Days Leaking	
	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	
Comments	1