



# Gas Company ESG/Sustainability Quantitative Information

**Parent Company:** Dominion Energy Inc  
**Operating Company(s):** DECG, DENC, DEO, DEOP, DEQP, DESC, DETI, DEUWI, DEWexpro, DEWV, DGP  
**Business Type(s):** Vertically integrated  
**State(s) of Operation:** CO, GA, ID, MD, NC, NY, OH, PA, SC, UT, VA, WV, WY  
**Regulatory Environment:** Regulated and Unregulated  
**Report Date:** 11/2/2021

Ref. No.	Refer to the "Definitions" column for more information on each metric.	Baseline 2010	Last Year 2019	Current Year 2020	Definitions
<b>Natural Gas Distribution</b>					
1	<b>METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS</b>				<b><u>All methane leak sources per 98.232 (i) (1-6) are included for Distribution. Combustion sources are excluded. CO<sub>2</sub> is excluded.</u></b>
1.1	Number of Gas Distribution Customers	3,084,167	3,352,371	3,420,887	Average over data year These metrics should include all local distribution companies (LDCs) held by the Parent Company that are above the LDC Facility reporting threshold for EPA's 40 C.F.R. 98, Subpart W reporting rule.
1.2	Distribution Mains in Service				
1.2.1	Plastic (miles)		38,495	39,348	
1.2.2	Cathodically Protected Steel - Bare & Coated (miles)		20,463	20,521	
1.2.3	Unprotected Steel - Bare & Coated (miles)		5,238	5,105	
1.2.4	Cast Iron / Wrought Iron - without upgrades (miles)		22	21	
1.3	Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)				These metrics should provide the number of years remaining to take out of service, replace or upgrade cathodically unprotected steel mains, and cast iron/wrought iron mains, consistent with applicable state utility commission authorizations.
1.3.1	Unprotected Steel (Bare & Coated) (# years to complete)		24	24	Optional: # yrs by pipe type.
1.3.2	Cast Iron / Wrought Iron (# years to complete)		24	24	Optional: # yrs by pipe type.
2	Distribution CO <sub>2</sub> e Fugitive Emissions				<u>Fugitive methane</u> emissions (not CO <sub>2</sub> combustion emissions) stated as CO <sub>2</sub> e, as reported to EPA under 40 CFR 98, Subpart W, sections 98.236(q)(3)(ix)(D), 98.236(r)(1)(v), and 98.236(r)(2)(v)(B) - i.e., this is Subpart W methane emissions as input in row 2.2 below and converted to CO <sub>2</sub> e here. This metric should include fugitive methane emissions above the reporting threshold for all natural gas local distribution companies (LDCs) held by the Parent Company that are above the LDC Facility reporting threshold for EPA's 40 C.F.R. 98, Subpart W reporting rule. <u>Calculated value based on mt CH<sub>4</sub> input in the 2.2 (below).</u>
2.1	CO <sub>2</sub> e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)		864,659	852,877	
2.2	CH <sub>4</sub> Fugitive Methane Emissions from Gas Distribution Operations (metric tons)		34,586	34,115	<u>INPUT VALUE (total mt CH<sub>4</sub>) as explained in definition above. Subpart W input is CH<sub>4</sub> (mt).</u>
2.2.1	CH <sub>4</sub> Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)		1,801	1,777	
2.3	Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)		748,911,530	735,695,401	This metric provides gas throughput from distribution (quantity of natural gas delivered to end users) reported under Subpart W, 40 C.F.R. 98.236(aa)(9)(iv), as reported on the Subpart W e-GRTT integrated reporting form in the "Facility Overview" worksheet Excel form, Quantity of natural gas delivered to end users (column 4).
2.3.1	Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)		711,466	698,911	
2.4	Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)		0.25%	0.25%	Calculated annual metric: (MMSFC methane emissions/MMSCF methane throughput)



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<b>Natural Gas Transmission and Storage</b>					
<b>1</b>	<b>Onshore Natural Gas Transmission Compression Methane Emissions</b>				<p><b><u>All methane leak sources per 98.232 (e) (1-8), (f)(1-8), and (m) are included for Transmission and Storage. Combustion sources are excluded. CO<sub>2</sub> and N<sub>2</sub>O are excluded.</u></b></p> <p><u>Fugitive Methane</u> emissions as defined in 40 CFR 98 Sub W Section 232 (e) (1-8), CO<sub>2</sub> and N<sub>2</sub>O emissions are excluded from this section.</p>
1.1.1	Pneumatic Device Venting (metric tons/year)		128	84	Value reported using calculation in 40 CFR 98 Sub W Section 236(b)(4)
1.1.2	Blowdown Vent Stacks (metric tons/year)		1,546	1,161	Value reported using calculation in 40 CFR 98 Sub W Section 236(i)(1)(iii)
1.1.3	Transmission Storage Tanks (metric tons/year)		106	158	Value reported using calculation in 40 CFR 98 Sub W Section 236(k)(2)(v)
1.1.4	Flare Stack Emissions (metric tons/year)		0	0	Value reported using calculation in 40 CFR 98 Sub W Section 236(n)(11)
1.1.5	Centrifugal Compressor Venting (metric tons/year)		319	27	Value reported using calculation in 40 CFR 98 Sub W Section 236(o)(2)(ii)(D)(2)
1.1.6	Reciprocating Compressor Venting (metric tons/year)		240	740	Value reported using calculation in 40 CFR 98 Sub W Section 236(p)(2)(ii)(D)(2)
1.1.7	Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)		237	204	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)
1.1.8	Other Leaks (metric tons/year)		0	0	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)
1.2	Total Transmission Compression Methane Emissions (metric tons/year)		2,576	2,373	
1.3	Total Transmission Compression Methane Emissions (CO <sub>2</sub> e/year)		64,403	59,333	
1.4	Total Transmission Compression Methane Emissions (MSCF/year)		134,172	123,610	Density of Methane = 0.0192 kg/ft <sup>3</sup> per 40 CFR Sub W EQ. W-36
<b>2</b>	<b>Underground Natural Gas Storage Methane Emissions</b>				<p><u>Fugitive Methane</u> emissions as defined in 40 CFR 98 Sub W Section 232 (f) (1-8), CO<sub>2</sub> and N<sub>2</sub>O emissions are excluded from this section.</p>
2.1.1	Pneumatic Device Venting (metric tons/year)		161	129	Value reported using calculation in 40 CFR 98 Sub W Section 236(b)(4)
2.1.2	Flare Stack Emissions (metric tons/year)		0	0	Value reported using calculation in 40 CFR 98 Sub W Section 236(n)(11)
2.1.3	Centrifugal Compressor Venting (metric tons/year)		23	13	Value reported using calculation in 40 CFR 98 Sub W Section 236(o)(2)(ii)(D)(2)
2.1.4	Reciprocating Compressor Venting (metric tons/year)		605	497	Value reported using calculation in 40 CFR 98 Sub W Section 236(p)(2)(ii)(D)(2)
2.1.5	Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)		486	338	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)
2.1.6	Other Equipment Leaks (metric tons/year)		0	0	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)
2.1.7	Equipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads (metric tons/year)		277	267	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)
2.1.8	Other equipment leaks from components associated with storage wellheads (metric tons/year)		0	0	Value reported using calculation in 40 CFR 98 Sub W Section 232(q)(2)(v)
2.2	Total Storage Compression Methane Emissions (metric tons/year)		1,551	1,243	
2.3	Total Storage Compression Methane Emissions (CO <sub>2</sub> e/year)		38,780	31,085	
2.4	Total Storage Compression Methane Emissions (MSCF/year)		80,792	64,761	Density of Methane = 0.0192 kg/ft <sup>3</sup> per 40 CFR Sub W EQ. W-36
<b>3</b>	<b>Onshore Natural Gas Transmission Pipeline Blowdowns</b>				<p><u>Blowdown vent stacks for onshore transmission pipeline</u> as defined in 40 CFR 98 Sub W Section 232 (m), CO<sub>2</sub> and N<sub>2</sub>O emissions are excluded from this section.</p>
3.1	Transmission Pipeline Blowdown Vent Stacks (metric tons/year)		4,821	3,106	Value reported using calculation in 40 CFR 98 Sub W Section 232(i)(3)(ii)
3.2	Transmission Pipeline Blowdown Vent Stacks (CO <sub>2</sub> e/year)		120,535	77,648	
3.3	Transmission Pipeline Blowdown Vent Stacks (MSCF/year)		251,115	161,766	
<b>4</b>	<b>Other Non-Sub W Emissions Data (OPTIONAL)</b>				(OPTIONAL) If desired, report additional sources required by ONE Future include dehydrator vents, storage station venting transmission pipeline leaks, and storage tank methane.
4.1	Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (metric tons/year)		13,919	4,478	
4.2	Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (CO <sub>2</sub> e/year)		347,973	111,948	



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4.3	Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (MSCF/year)		724,943	233,226	
<b>5</b>	<b>Summary and Metrics</b>				
5.1	Total Transmission and Storage Methane Emissions (MMSCF/year)		1,191	583	
5.2	Annual Natural Gas Throughput from Gas Transmission and Storage Operations (MSCF/year)		3,324,151,084	3,359,660,253	<b>EIA 176 throughput or other reference for other throughput selected</b>
5.2.1	Annual Methane Gas Throughput from Gas Transmission and Storage Operations (MMSCF/year)		3,157,944	3,191,677	Methane content in natural gas equals 95% based on 40 CFR 98 Sub W 233(u)(2)(vii)
5.3	Methane Emissions Intensity Metric (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)		0.038%	0.018%	

## Natural Gas Gathering and Boosting

<b>1</b>	<b>METHANE EMISSIONS</b>				
1.1	Gathering and Boosting Pipelines, Blow Down Volumes, and Emissions				
1.1.1	Total Miles of Gathering Pipeline Operated by gas utility ( <i>miles</i> )		827	1,137	
1.1.2	Volume of Gathering Pipeline Blow Down Emissions ( <i>scf</i> )		64,761	388,179	Not reported to EPA. This metric is collected to support calculations under EPA 40 CFR 98, Subpart W.
1.1.4	Gathering Pipeline Blow-Down Emissions outside storage and compression facilities ( <i>metric tons CO2e</i> )		1,476	7,563	
<b>2</b>	<b>CO2e COMBUSTION EMISSIONS FOR GATHERING &amp; BOOSTING COMPRESSION</b>				
2.1	CO2e Emissions for Gathering & Boosting Compression Stations ( <i>metric tons</i> )		89,466	105,644	CO2 combustion emissions as reported to EPA under 40 CFR 98, Subpart C, as directed in Subpart W, 98.232(k).
<b>3</b>	<b>CONVENTIONAL COMBUSTION EMISSIONS FROM GATHERING &amp; BOOSTING COMPRESSION</b>				
3.1	Emissions reported for all permitted sources (minor or major)				The number of permitted sources for conventional emissions may not be the same number of sources reporting under the EPA GHG reporting rule. Companies may wish to describe which, or how many, sources are included in the conventional pollutants data and whether the CO2e data reported includes all of these sources.
3.1.1	NOx ( <i>metric tons per year</i> )		212	289	
3.1.2	VOC ( <i>metric tons per year</i> )		26	31	

## Human Resources

1.1	Total Number of Employees		19,263	17,394	
1.2	Percentage of Women in Total Workforce		21%	22%	
1.3	Percentage of Minorities in Total Workforce		19%	20%	
2.1	Total Number on Board of Directors/Trustees		13	12	
2.2	Percentage of Women on Board of Directors/Trustees		23%	25%	
2.3	Percentage of Minorities on Board of Directors/Trustees		15%	17%	
<b>3</b>	<b>Employee Safety Metrics</b>				Reference Section 7 Human Resources in EEI Definitions tab.
3.1	Recordable Incident Rate		0.62	0.41	
3.2	Lost-time Case Rate				
3.3	Days Away, Restricted, and Transfer (DART) Rate		0.28	0.27	
3.4	Work-related Fatalities		1	0	



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<b>Additional Metrics (Optional)</b>					
1	TOTAL CORPORATE METHANE AND CARBON EMISSIONS INVENTORY				Consistent with GHG Protocols, the 2010 Methane baseline and 2019-2020 figures represent the DE companies post divestment, 2020 acquisitions, and partial equity (Cardinal and Pine Needle). As such, the transmission and storage business sold to Berkshire Hathaway Energy and the Dominion Energy Questar Pipeline (DEQP) assets, in anticipation of a 2021 sale, are not included. In addition, in the interest of consistency and transparency, Dominion Energy Cove Point, LNG's (DECP's) emissions are included in the natural gas Total Corporate Methane and CO2e Inventories, as DECP is included in our Net Zero commitment. Note, DECP's emissions are reported at 50% equity share. CO2e as reported in 1.2 includes methane and carbon dioxide only.
1.1	Total Corporate Inventory Methane - Gas Business Post Divestiture and DECP (Metric Tons)	97,845	67,884	66,445	
1.1.1	Inventory Methane - Gas Business Post Divestiture (Metric Tons)	97,732	67,818	66,352	
1.1.2	Inventory Methane - DECP (Metric Tons)	113	66	93	
1.2	Total Corporate Inventory CO2e - Gas Business Post Divestiture and DECP (Metric Tons)		2,458,289	2,453,996	
1.2.1	Inventory CO2e - Gas Business Post Divestiture (Metric Tons)		1,873,348	1,891,557	
1.2.2	Inventory CO2e - DECP (Metric Tons)		584,940	562,439	

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