



Electric Company ESG/Sustainability Quantitative Information

Parent Company:
Report Date:

Dominion Energy, Inc.
11/2/2021

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Last Year 2019	Current Year 2020	Comments, Links, Additional Information, and Notes
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Portfolio

1	Owned Nameplate Generation Capacity at end of year (MW)				MW Adjusted for acquisitions and divestitures consistent with GHG Protocol
1.1	Coal	8,071	5,388	5,046	
1.2	Natural Gas	5,068	10,926	10,906	
1.3	Nuclear	6,370	5,999	5,999	
1.4	Petroleum	2,333	2,143	1,373	
1.5	Total Renewable Energy Resources	2,742	4,963	5,324	
1.5.1	Biomass/Biogas	80	153	153	
1.5.2	Geothermal	0	0	0	
1.5.3	Hydroelectric	2,662	2,908	2,908	
1.5.4	Solar	0	1,752	2,113	
1.5.5	Wind	0	150	150	
1.6	Other	0	0	0	
2	Net Generation for the data year (MWh)		123,662,117	127,432,147	MW Adjusted for acquisitions and divestitures consistent with GHG Protocol
2.1	Coal	52,781,866	13,659,118	12,203,730	
2.2	Natural Gas	4,198,658	49,357,309	54,109,684	
2.3	Nuclear	49,143,692	49,316,348	48,573,338	
2.4	Petroleum	4,657,260	123,323	119,354	
2.5	Total Renewable Energy Resources	1,680,329	5,603,010	6,213,020	
2.5.1	Biomass/Biogas	694,843	1,007,679	787,986	
2.5.2	Geothermal	0	0	0	
2.5.3	Hydroelectric	985,486	959,571	1,220,060	
2.5.4	Solar	0	3,037,885	3,899,725	
2.5.5	Wind	0	597,876	305,249	
2.6	Other	0	0	0	
2.i	Owned Net Generation for the data year (MWh)				MW Adjusted for acquisitions and divestitures consistent with GHG Protocol
2.1.i	Coal	52,781,866	13,659,118	12,203,730	
2.2.i	Natural Gas	4,198,658	49,357,309	54,109,684	
2.3.i	Nuclear	49,143,692	49,316,348	48,573,338	
2.4.i	Petroleum	4,657,260	123,323	119,354	
2.5.i	Total Renewable Energy Resources	1,680,329	5,603,010	6,213,020	
2.5.1.i	Biomass/Biogas	694,843	1,007,679	787,986	
2.5.2.i	Geothermal	0	0	0	
2.5.3.i	Hydroelectric	985,486	959,571	1,220,060	
2.5.4.i	Solar	0	3,037,885	3,899,725	
2.5.5.i	Wind	0	597,876	305,249	
2.6.i	Other	0	0	0	
2.ii	Purchased Gross Generation for the data year (MWh)	20,868,925	17,312,430	12,001,527	
2.1.ii	Coal				
2.2.ii	Natural Gas				
2.3.ii	Nuclear				
2.4.ii	Petroleum				



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		2005	2019	2020	
2.5.ii	Total Renewable Energy Resources	1,198,946	2,243,705	2,863,589	
2.5.1.ii	Biomass/Biogas				
2.5.2.ii	Geothermal				
2.5.3.ii	Hydroelectric				
2.5.4.ii	Solar				
2.5.5.ii	Wind				
2.6.ii	Other				
3	Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters				
3.1	Total Annual Capital Expenditures (nominal dollars)				
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)				
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)				
4	Retail Electric Customer Count (at end of year)				
4.1	Commercial		3,386,557	3,437,810	
4.2	Industrial		381,761	385,514	
4.3	Residential		1,404	1,376	
			3,003,392	3,050,920	

Emissions

5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)				
	Note: The alternatives available below are intended to provide flexibility in reporting GHG emissions, and should be used to the extent appropriate for each company.				
5.1	Owned Generation (1) (2) (3)				
5.1.1	Carbon Dioxide (CO2)				
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	57,441,116	31,749,794	32,911,391	
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.511	0.269	0.272	
5.1.2	Carbon Dioxide Equivalent (CO2e)				Reported value is total direct CO2e emissions (CO2 and CH4 only) CO2e including CO2, CH4 and N2O: 59,348,460 MT (2005); 38,102,240 MT (2017); 36,226,263 MT (2018); 31,884,526 MT (2019); 32,994,642 MT (2020)
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	58,106,961	31,796,845	32,957,387	
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.517	0.269	0.272	
5.2	Purchased Power (4)				
5.2.1	Carbon Dioxide (CO2)				
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	17,840,409	8,244,067	4,567,006	
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.855	0.476	0.381	
5.2.2	Carbon Dioxide Equivalent (CO2e)				Reported value is total direct CO2e emissions (CO2 and CH4 only) CO2e including CO2, CH4 and N2O*: 17,947,452 MT (2005); 10,279,141 MT (2017); 10,921,210 MT (2018); 8,285,287 MT (2019); 4,589,841 MT (2020)
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	17,876,090	8,260,555	4,576,140	
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.857	0.477	0.381	



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5.3	Owned Generation + Purchased Power				Reported value is total direct CO2e emissions (CO2 and CH4 only) See notes above for Items 5.1 and 5.2. CO2e including CO2, CH4 and N2O*: 77,295,912 MT (2005); 48,381,381 MT (2017); 47,147,473 MT (2018); 40,169,813 MT (2019); 37,584,483 MT (2020)
5.3.1	Carbon Dioxide (CO2)				
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	75,281,525	39,993,860	37,478,396	
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.565	0.295	0.281	
5.3.2	Carbon Dioxide Equivalent (CO2e)				
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	75,983,051	40,057,400	37,533,527	
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.570	0.296	0.282	
5.4	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6) (5)				
5.4.1	Total CO2e emissions of SF6 (MT)	NA	48,603	59,011	
5.4.2	Leak rate of CO2e emissions of SF6 (MT/Net MWh)	NA	0.0004	0.0005	
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)				
6.1	Generation basis for calculation (6)	Total			
6.2	Nitrogen Oxide (NOx)				
6.2.1	Total NOx Emissions (MT)	89,432	11,318	9,942	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.0008	0.0001	0.0001	
6.3	Sulfur Dioxide (SO2)				
6.3.1	Total SO2 Emissions (MT)	258,864	4,650	3,862	
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.00230	0.00004	0.00003	
6.4	Mercury (Hg)				
6.4.1	Total Hg Emissions (kg)	792	39	25	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	0.0000070	0.0000003	0.0000002	

Key

MT = metric tons
 1 lb. = 453.59 grams
 1 tonne = 1,000,000.00 grams
 1 metric ton = 1.1023 short tons
 Total output-based emissions factor = (insert emissions factor and source)

Notes

- Generation and emissions are adjusted for equity ownership share to reflect the percentage of output owned by reporting entity.
- CO2 and CO2e emissions intensity should be reported using total system generation (net MWh) based on EEI GHG worksheet.
- As reported to EPA under the mandatory GHG Reporting Protocols (40 CFR Part 98, Subparts C and D).
- Purchased power emissions should be calculated using the most relevant and accurate of the following methods:
 For direct purchases, such as PPAs, use the direct emissions data as reported to EPA.
 For market purchases where emissions are unknown, use applicable regional or national emissions rate:



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- ISO/RTO-level emission factors
- Climate Registry emission factors
- E-Grid emission factors

(5) As reported to EPA under the mandatory GHG Reporting Protocols (40 CFR Part 98, Subpart DD).
 (6) Indicate the generation basis for calculating SO₂, NO_x, and Hg emissions and intensity.

Fossil: Fossil Fuel Generation Only
 Total: Total System Generation
 Other: Other (please specify in comment section)

Total CO₂e is calculated using the following global warming potentials from the IPCC Fourth Assessment Report:

CO₂ = 1
 CH₄ = 25
 N₂O = 298
 SF₆ = 22,800

Resources

7	Human Resources				
7.1	Total Number of Employees		19,263	17,394	
7.2	Percentage of Women in Total Workforce		21%	22%	
7.3	Percentage of Minorities in Total Workforce		19%	20%	
7.4	Total Number on Board of Directors/Trustees		13	12	
7.5	Percentage of Women on Board of Directors/Trustees		23%	25%	
7.6	Percentage of Minorities on Board of Directors/Trustees		15%	17%	
7.7	Employee Safety Metrics				
7.7.1	Recordable Incident Rate		0.62	0.41	
7.7.2	Lost-time Case Rate				
7.7.3	Days Away, Restricted, and Transfer (DART) Rate		0.28	0.27	
7.7.4	Work-related Fatalities		1	0	
8	Fresh Water Resources used in Thermal Power Generation Activities				
8.1	Water Withdrawals - Consumptive (Millions of Gallons)		6,684	11,174	
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)		2,277,691	2,223,985	
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)		0.0001	0.0001	
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)		0.02	0.02	
9	Waste Products				
9.1	Amount of Hazardous Waste Manifested for Disposal		11.10	5.10	
9.2	Percent of Coal Combustion Products Beneficially Used		39%	47%	

Additional Metrics (Optional)

Insert additional rows in this section as necessary.