

Electric Company ESG/Sustainability Quantitative Information



Parent Company	Dominion Energy Inc
Operating Company(s)	DEV, DESC
Business Type(s)	Vertically integrated
State(s) of Operation	VA, SC, WV, NC
State(s) with RPS Programs:	VA
Regulatory Environment	<i>Regulated and Unregulated</i>
Report Date	

PORTFOLIO					
Ref. No	Metric	Baseline Year 2005	Last Year 2021	Current Year 2022	Additional Information
1	Owned Nameplate Generation Capacity at end of year (MW)				
1.1	Coal	10,527	5,022	5,360	
1.2	Natural Gas	8,826	10,883	10,944	
1.3	Nuclear	6,370	5,991	5,999	
1.4	Petroleum	3,219	1,373	1,373	
1.5	Total Renewable Energy Resources	654	3,605	3,079	
1.5.1	Biomass/Biogas	80	153	153	
1.5.2	Geothermal	0	0	0	
1.5.3	Hydroelectric	574	524	524	
1.5.4	Solar	0	2,916	2,390	
1.5.5	Wind	0	12	12	
1.6	Other	0	0	0	
2	Net Generation for the data year (MWh)	112,461,805	116,829,289	112,573,276	
2.1	Coal	52,781,866	13,430,480	11,918,223	
2.2	Natural Gas	4,198,658	47,290,420	46,211,600	
2.3	Nuclear	49,143,692	47,997,083	48,143,722	
2.4	Petroleum	4,657,260	178,976	301,581	
2.5	Total Renewable Energy Resources	1,680,329	7,932,330	5,998,150	
2.5.1	Biomass/Biogas	694,843	1,054,927	1,135,498	
2.5.2	Geothermal	0	0	0	

Ref. No	Metric	Baseline Year 2005	Last Year 2021	Current Year 2022	Additional Information
2.5.3	Hydroelectric	985,486	944,967	608,506	
2.5.4	Solar	0	5,882,665	4,203,120	
2.5.5	Wind	0	49,771	51,026	
2.6	Other	0	0	0	
2	Owned Net Generation for the data year (MWh)				
2.1.i	Coal	52,781,866	13,430,480	11,918,223	
2.2.i	Natural Gas	4,198,658	47,290,420	46,211,600	
2.3.i	Nuclear	49,143,692	47,997,083	48,143,722	
2.4.i	Petroleum	4,657,260	178,976	301,581	
2.5.i	Total Renewable Energy Resources	1,680,329	7,932,330	5,998,150	
2.5.1.i	Biomass/Biogas	694,843	1,054,927	1,135,498	
2.5.2.i	Geothermal	0	0	0	
2.5.3.i	Hydroelectric	985,486	944,967	608,506	
2.5.4.i	Solar	0	5,882,665	4,203,120	
2.5.5.i	Wind	0	49,771	51,026	
2.6.i	Other	0	0	0	
2.ii	Purchased Net Generation for the data year (MWh)	20,868,925	21,074,593	24,992,604	
2.1.ii	Coal				
2.2.ii	Natural Gas				
2.3.ii	Nuclear				
2.4.ii	Petroleum				
2.5.ii	Total Renewable Energy Resources	1,198,946	3,630,499	3,820,530	
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				

Ref. No	Metric	Baseline Year 2005	Last Year 2021	Current Year 2022	Additional Information
3	Capital Expenditures and Energy Efficiency (EE)				
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)		3,444,426	3,467,248	
4.1	Commercial		351,127	353,065	
4.2	Industrial		1,381	1,376	
4.3	Residential		3,091,918	3,112,807	

EMISSIONS

Ref. No	Metric	Baseline Year 2005	Last Year 2021	Current Year 2022	Additional Information
5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)	Emissions provided below are inclusive of EPA reportable and non-reportable facilities for full transparency of the corporate inventory.			
5.1	Owned Generation (1) (2) (3)				
5.1.1	Carbon Dioxide (CO2)				
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	57,441,133	31,298,933	30,276,750	
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.511	0.268	0.269	
5.1.2	Carbon Dioxide Equivalent (CO2e)				
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	59,364,033	31,660,079	30,622,102	These emissions are inclusive of CO2, CH4, and N2O.
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.528	0.271	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	8,302,444	7,578,661	
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.855	0.394	0.303	
5.2.2	Carbon Dioxide Equivalent (CO2e)				
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	17,876,090	8,343,956	7,621,627	These emissions are inclusive of CO2, CH4, and N2O.
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.857	0.396	0.305	

Ref. No	Metric	Baseline Year 2005	Last Year 2021	Current Year 2022	Additional Information
5.3 Owned Generation + Purchased Power					
5.3.1	Carbon Dioxide (CO2)				
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	75,281,543	39,601,376	37,855,411	
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.565	0.287	0.275	
5.3.2	Carbon Dioxide Equivalent (CO2e)				
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	77,240,122	40,004,035	38,243,729	These emissions are inclusive of CO2, CH4, and N2O.
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.579	0.290	0.278	
5.4 Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6) (5)					
5.4.1	Total CO2e emissions of SF6 (MT)		41,242	83,237	
5.4.2	Leak rate of CO2e emissions of SF6 (MT/Net MWh)		0.005	0.102	This has been provided in units of MT/Capacity. This is a more representative value of an SF6 leak rate since it is associated with the SF6 capacity of the power delivery system, not net MWh from power generation facilities.
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	10,509	11,327	
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.001	9.00E-05	1.01E-04	
6.3 Sulfur Dioxide (SO2)					
6.3.1	Total SO2 Emissions (MT)	258,864	4,868	5,309	
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.002	4.17E-05	4.72E-05	
6.4 Mercury (Hg)					
6.4.1	Total Hg Emissions (kg)	791.5	37.0	76.7	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	7.04E-06	3.17E-07	6.81E-07	

RESOURCES					
Ref. No	Metric	Baseline Year 2005	Last Year 2021	Current Year 2022	Additional Information
7	Human Resources				
7.1	Total Number of Employees		17,387	17,211	
7.2	Percentage of Women in Total Workforce		22%	23%	
7.3	Percentage of Minorities in Total Workforce		21%	22%	
7.4	Total Number on Board of Directors/Trustees		12	11	
7.5	Percentage of Women on Board of Directors/Trustees		25%	27%	
7.6	Percentage of Minorities on Board of Directors/Trustees		17%	18%	
7.7	Employee Safety Metrics				
7.7.1	Recordable Incident Rate		0.46	0.52	
7.7.2	Lost-time Case Rate		0.13	0.20	
7.7.3	Days Away, Restricted, and Transfer (DART) Rate		0.28	0.35	
7.7.4	Work-related Fatalities		0	0	
8	Fresh Water Resources used in Thermal Power Generation Activities				
8.1	Water Withdrawals - Consumptive (Millions of Gallons)		11,174	11,009	For generation facilities only.
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)		2,223,985	2,201,799	
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)		0.00	0.00	
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		258	191	In previous years, the reported values for this were in units of 'million pounds'. Values for RY2021 and RY2022 have now been updated to be in units of metric tons (MT).
9.2	Percent of Coal Combustion Products Beneficially Used		41%	40%	