



# 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  
 State(s) with RPS Programs: VA  
 Regulatory Environment: Regulated and Unregulated  
 Report Date:

Ref. No.	Refer to the 'EEI Definitions' tab for more information on each metric	Baseline 2005	Last Year 2020	Current Year 2021	Comments, Links, Additional Information, and Notes
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## Portfolio

1 Owned Nameplate Generation Capacity at end of year (MW)					Provide a link to charts or additional information if available
1.1	Coal	8,071	5,046	5,022	Source file name:
1.2	Natural Gas	5,068	10,906	10,883	
1.3	Nuclear	6,370	5,999	5,991	
1.4	Petroleum	2,333	1,373	1,373	
1.5	Total Renewable Energy Resources	652	5,324	3,605	
1.5.1	Biomass/Biogas	80	153	153	
1.5.2	Geothermal	0	0	0	
1.5.3	Hydroelectric	572	2,908	524	
1.5.4	Solar	0	2,113	2,916	
1.5.5	Wind	0	150	12	
1.6	Other	0	0	0	

## Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options

2 Net Generation for the data year (MWh)					
2.1	Coal	112,461,805	121,219,126	116,829,289	
2.2	Natural Gas	52,781,866	12,203,730	13,430,480	
2.3	Nuclear	4,198,658	54,109,684	47,290,420	
2.4	Petroleum	49,143,692	48,573,338	47,997,083	
2.5	Petroleum	4,657,260	119,354	178,976	
2.5	Total Renewable Energy Resources	1,680,329	6,213,020	7,932,330	
2.5.1	Biomass/Biogas	694,843	787,986	1,054,927	
2.5.2	Geothermal	0	0	0	
2.5.3	Hydroelectric	985,486	1,220,060	944,967	
2.5.4	Solar	0	3,899,725	5,882,665	
2.5.5	Wind	0	305,249	49,771	
2.6	Other	0	0	0	

## Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options

2.i Owned Net Generation for the data year (MWh)					
2.1.i	Coal	52,781,866	12,203,730	13,430,480	
2.2.i	Natural Gas	4,198,658	54,109,684	47,290,420	
2.3.i	Nuclear	49,143,692	48,573,338	47,997,083	
2.4.i	Petroleum	4,657,260	119,354	178,976	
2.5.i	Total Renewable Energy Resources	1,680,329	6,213,020	7,932,330	
2.5.1.i	Biomass/Biogas	694,843	787,986	1,054,927	
2.5.2.i	Geothermal	0	0	0	
2.5.3.i	Hydroelectric	985,486	1,220,060	944,967	
2.5.4.i	Solar	0	3,899,725	5,882,665	

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2.5.5.i	Wind	0	305,249	49,771	
2.6.i	Other	0	0	0	
<b>2.ii</b>	<b>Purchased Net Generation for the data year (MWh)</b>	20,868,925	12,001,527	21,074,593	<i>Provide total in this row only if resource types are unknown due to market purchases</i>
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	2,863,589	3,630,499	
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				
<b>3</b>	<b>Capital Expenditures and Energy Efficiency (EE)</b>				
3.1	Total Annual Capital Expenditures (nominal dollars)				<i>Provide a link to functional CapEx projections if available</i>
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)				
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)				
<b>4</b>	<b>Retail Electric Customer Count (at end of year)</b>		3,437,810	3,444,426	
4.1	Commercial		385,514	351,127	
4.2	Industrial		1,376	1,381	
4.3	Residential		3,050,920	3,091,918	

Emissions					
<b>5</b>	<b>GHG Emissions: Carbon Dioxide (CO<sub>2</sub>) and Carbon Dioxide Equivalent (CO<sub>2</sub>e)</b>				Emissions provided below are inclusive of EPA reportable and non-reportable facilities for full transparency of the corporate inventory.
	<b>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.</b>				
<b>5.1</b>	<b>Owned Generation (1) (2) (3)</b>				
5.1.1	Carbon Dioxide (CO <sub>2</sub> )				
5.1.1.1	Total Owned Generation CO <sub>2</sub> Emissions (MT)	57,441,116	32,911,391	31,298,933	<i>If applicable, indicate the inclusion of emissions from sources &lt;25 MW or from other sources</i>
5.1.1.2	Total Owned Generation CO <sub>2</sub> Emissions Intensity (MT/Net MWh)	0.511	0.272	0.268	
5.1.2	Carbon Dioxide Equivalent (CO <sub>2</sub> e)				
5.1.2.1	Total Owned Generation CO <sub>2</sub> e Emissions (MT)	59,348,460	32,957,387	31,660,079	
5.1.2.2	Total Owned Generation CO <sub>2</sub> e Emissions Intensity (MT/Net MWh)	0.528	0.272	0.271	
<b>5.2</b>	<b>Purchased Power (4)</b>				
5.2.1	Carbon Dioxide (CO <sub>2</sub> )				
5.2.1.1	Total Purchased Generation CO <sub>2</sub> Emissions (MT)	17,840,409	4,567,006	8,302,444	
5.2.1.2	Total Purchased Generation CO <sub>2</sub> Emissions Intensity (MT/Net MWh)	0.855	0.381	0.394	
5.2.2	Carbon Dioxide Equivalent (CO <sub>2</sub> e)				
5.2.2.1	Total Purchased Generation CO <sub>2</sub> e Emissions (MT)	17,876,090	4,576,140	8,343,956	
5.2.2.2	Total Purchased Generation CO <sub>2</sub> e Emissions Intensity (MT/Net MWh)	0.857	0.381	0.396	

Ref. No.	Refer to the 'EEl Definitions' tab for more information on each metric	Baseline 2005	Last Year 2020	Current Year 2021	Comments, Links, Additional Information, and Notes
<b>5.3</b>	<b>Owned Generation + Purchased Power</b>				
5.3.1	Carbon Dioxide (CO <sub>2</sub> )				
5.3.1.1	Total Owned + Purchased Generation CO <sub>2</sub> Emissions (MT)	75,281,525	37,478,396	39,601,376	
5.3.1.2	Total Owned + Purchased Generation CO <sub>2</sub> Emissions Intensity (MT/Net MWh)	0.565	0.281	0.287	
5.3.2	Carbon Dioxide Equivalent (CO <sub>2</sub> e)				
5.3.2.1	Total Owned + Purchased Generation CO <sub>2</sub> e Emissions (MT)	77,224,550	37,533,527	40,004,035	
5.3.2.2	Total Owned + Purchased Generation CO <sub>2</sub> e Emissions Intensity (MT/Net MWh)	0.579	0.282	0.290	
<b>5.4</b>	<b>Non-Generation CO<sub>2</sub>e Emissions of Sulfur Hexafluoride (SF<sub>6</sub>) (5)</b>				
5.4.1	Total CO <sub>2</sub> e emissions of SF <sub>6</sub> (MT)	NA	34,720	41,242	
5.4.2	Leak rate of CO <sub>2</sub> e emissions of SF <sub>6</sub> (MT/Net MWh)	NA	0.005	0.005	
<b>6</b>	<b>Nitrogen Oxide (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>), Mercury (Hg)</b>				
6.1	Generation basis for calculation (6)	Total			
<b>6.2</b>	<b>Nitrogen Oxide (NO<sub>x</sub>)</b>				
6.2.1	Total NO <sub>x</sub> Emissions (MT)	89,432	9,942	10,509	
6.2.2	Total NO <sub>x</sub> Emissions Intensity (MT/Net MWh)	0.001	8.20E-05	9.00E-05	
<b>6.3</b>	<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
6.3.1	Total SO <sub>2</sub> Emissions (MT)	258,864	3,862	4,868	
6.3.2	Total SO <sub>2</sub> Emissions Intensity (MT/Net MWh)	0.002	3.19E-05	4.17E-05	
<b>6.4</b>	<b>Mercury (Hg)</b>				
6.4.1	Total Hg Emissions (kg)	791.5	25.3	37.0	
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	7.04E-06	2.09E-07	3.17E-07	

Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the Emissions section notes

**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**

- (1) Generation and emissions are adjusted for equity ownership share to reflect the percentage of output owned by reporting entity.
- (2) CO<sub>2</sub> and CO<sub>2</sub>e emissions intensity should be reported using total system generation (net MWh) based on EEI GHG worksheet.
- (3) As reported to EPA under the mandatory GHG Reporting Protocols (40 CFR Part 98, Subparts C and D).
- (4) 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:  
 - 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 SO<sub>2</sub>, NO<sub>x</sub>, and Hg emissions and intensity.

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

Total CO<sub>2</sub>e is calculated using the following global warming potentials from the IPCC Fourth Assessment Report:

CO<sub>2</sub> = 1  
 CH<sub>4</sub> = 25  
 N<sub>2</sub>O = 298  
 SF<sub>6</sub> = 22,800

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<b>Resources</b>					
<b>7</b>	<b>Human Resources</b>				
7.1	Total Number of Employees		17,394	17,387	
7.2	Percentage of Women in Total Workforce		22.0%	22.4%	
7.3	Percentage of Minorities in Total Workforce		20.0%	20.7%	
7.4	Total Number on Board of Directors/Trustees		12	12	
7.5	Percentage of Women on Board of Directors/Trustees		25.0%	25.0%	
7.6	Percentage of Minorities on Board of Directors/Trustees		17.0%	17.0%	
7.7	Employee Safety Metrics				
7.7.1	Recordable Incident Rate		0.41	0.46	
7.7.2	Lost-time Case Rate			0.13	
7.7.3	Days Away, Restricted, and Transfer (DART) Rate		0.27	0.28	
7.7.4	Work-related Fatalities		0	0.00	
<b>8</b>	<b>Fresh Water Resources used in Thermal Power Generation Activities</b>				
8.1	Water Withdrawals - Consumptive (Millions of Gallons)		11,174.00	11,124	For generation facilities only.
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)		2,223,985.00	2,224,799	
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)		0	0	
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)		0.020	0.019	
<b>9</b>	<b>Waste Products</b>				
9.1	Amount of Hazardous Waste Manifested for Disposal		5.1	0.57	
9.2	Percent of Coal Combustion Products Beneficially Used		42%	41%	
<b>Additional Metrics (Optional)</b>					
<i>Insert additional rows in this section as necessary.</i>					