# **ESG/Sustainability Template – Quantitative Information**

Parent Company:					
<b>Operating Companies:</b>					

Business Type(s): State(s) of Operation: State(s) with RPS Programs: Regulatory Environment:

Report Date:

**Exelon Corporation** 

Atlantic City Electric Company (ACE), Baltimore Gas & Electric Company (BGE), Delmarva Power & Light Company (DPL), Commonwealth Edison Company (ComEd), PECO Energy Company (PECO), Potomac Electric Power Company (Pepco)

Transmission and Distribution (T&D) Only Utility (does not own power generation)

<u>Page 10, 2022 Exelon Sustainability Report - Utility Service Areas</u> <u>Page 66, 2022 Exelon Sustainability Report - RPS Requirements</u>

Regulated T&D Utilities

**Report completed October 10, 2023** 

Ref. No.	Refer to Comment Field for Additional Metric Considerations and Hyperlinks	2021	2022	Comments, Links, Additional Information, and Notes
	Portfolio			
1 1.1 1.2 1.3 1.4 1.5 1.5.1 1.5.2 1.5.3 1.5.4 1.5.5 1.6	Owned Nameplate Generation Capacity at end of year (MW)  Coal Natural Gas Nuclear Petroleum Total Renewable Energy Resources Biomass/Biogas Geothermal Hydroelectric Solar Wind Other	Not Applicable	Not Applicable	Exelon is a T&D only utility and does not own power generation
2 2.1 2.2 2.3 2.4 2.5 2.5.1 2.5.2 2.5.3 2.5.4 2.5.5 2.6	Net Generation for the data year <sup>1</sup> Coal Natural Gas Nuclear Petroleum Total Renewable Energy Resources Biomass/Biogas Geothermal Hydroelectric Solar Wind Other	Not Applicable	Not Applicable	Exelon is a T&D only utility and does not own power generation

3.1 3.2 3.3	Total Annual Capital Expenditures (nominal dollars) Incremental Annual Electricity Savings from EE Measures (MWh) Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$6,625,000,000 3,143,160 \$512,248	\$7,150,000,000 2,797,279 \$581,050	FY22 data available on pg 32 in 2022 Exelon Sustainability Report; FY21 data available on pg 24 in Exelon's 2021 Corporate Sustainability Report. Rounded to nearest 25 million \$.  Source: EIA 861  Electricity savings and annual investments in Electric EE Programs include ACE, BGE, ComEd, DPL, PECO and Pepco
4	Retail Electric Customer Count (at end of year)			
4.1	Commercial	886,787	891,650	Source: EIA 861
4.2	Industrial	11,886	11,914	Customer counts include ACE, BGE, ComEd, Delmarva, Peco and Pepco
4.3	Residential	8,218,483	8,267,724	

	Emissions			
F 4	Owned Generatio			
<b>5.1</b> 5.1.1	Carbon Dioxide (CO2)			
5.1.1 5.1.1.1	Total Owned Generation CO2 Emissions (MT)			
5.1.1.1	Total Owned Generation CO2 Emissions (IMT)  Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	Not Applicable	Not Applicable	Exelon is a T&D only utility and does not own power generation
5.1.2	Carbon Dioxide Equivalent (CO2e)	Not Applicable	Not Applicable	Exeloit is a T&D only utility and does not own power generation
5.1.2.1	Total Owned Generation CO2e Emissions (MT)			
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)			
5.2	Purchased Power			Annual Exelon Sustainability Report (page 130 for 2021 data and page 60 for 2022 data). This represents the emission associated with
5.2.1	Carbon Dioxide (CO2)			the electricity that Exelon's utilities purchase to fulfill their supplier of last resort load, full service customers who have not selected a
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	28,081,780	28,730,503	competitive energy supplier, and does not include electricity that we deliver for other competitive retailers. The emissions intensity is
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	843	811	based on the PJM grid average emission rate, which best represents how we buy electricity. Exelon also publishes Utility Specific
	γ,			Residual Emission Rates for its utilities using the methodology created by EEI for its "Electric Company Carbon Emissions and Electricity
5.3	Owned Generation + Purchased Power			Mix Reporting Database for Corporate Customers" https://www.eei.org/issues-and-policy/national-corporate-customers/co2-emission.
5.3.1	Carbon Dioxide (CO2)			This methodoly utilizes PJM residual emission rates (i.e., adjusted for RPS compliance) and integrated how Exelon's utilities specifically
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	28,081,780	28,730,503	complied with their jurisdictional RPS requirements to calculate market-based carbon intensity of energy supply for full service
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	843	811	customers who report GHG emissions using market-based accounting.
5.2	Purchased Power			
5.4	Non-Generation CO2e Emissions of Sulfur Hexafluoride (SF6)			
5.4.1	Total CO2e emissions of SF6 (MT)	43,000	41,000	Annual Exelon Sustainability Report (page 155 of the 2022 sustainability report provides 2021 and 2022 SF6 data). Rounded to nearest
5.4.2	Leak rate of CO2e emissions of SF6 (MT/New MWh)	305,000	299,000	thousand.
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)			
6.1	Generation basis for calculation			
6.2	Nitrogen Oxide (NOx)			
6.2.1	Total NOx Emissions (MT)			
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)			
6.3	Sulfur Dioxide (SO2)	Not Applicable	Not Applicable	Exelon is a T&D only utility and does not own power generation
6.3.1	Total SO2 Emissions (MT)			
6.3.2	Total SO2 Emissions (MT/Net MWh)			
0.5.2	Total 302 Ellissions intensity (WIT/Wet WWII)			
6.4	Mercury (Hg)			
6.4.1	Total Hg Emissions (kg)			
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)			

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7.1	Total Number of Employees	18,728	19,063	Annual Exelon Sustainability Report (page 95 of the 2021 sustainability report for 2021 data and page 114 of the 2022 sustainability
7.2	Percentage of Women in Total Workforce	27.9%	27.8%	report for 2022 data). Exelon practice is to report employees as of 12/31 of each year. Due to the Constellation separation in February
		38.5%	39.4%	2022, Exelon did not publish employee statistics as of 12/31/21; rather, a post-separation employee count based upon employee
				statistics was published in the 2021 CSR based upon post-separation employee counts as of 2/28/21; these number are presented in
7.3	Percentage of Minorities in Total Workforce			the 2021 column of this template. Employee counts include all Exelon employees, including electric, gas and corporate functions.
7.4	Total Number on Board of Directors/Trustees	see proxy	9	Composition listed in the 2022 column reflects the current Exelon Board as of August 15, 2023. Please see Exelon's annual Proxy
7.5	Percentage of Women on Board of Directors/Trustees	see proxy	44.4%	statements and our corporate website "Board of Directors" page for current and historical Board information.
7.6	Percentage of Minorities on Board of Directors/Trustees	see proxy	55.6%	
7.7	Employee Safety Metrics			
7.7.1	Recordable Incident Rate	0.94	0.90	FY22 Data available on pg 121 in 2022 Exelon Sustainability Report
7.7.2	Lost-time Case Rate	22.88	19.19	FY21 Data available on pg 104 in Exelon's 2021 Corporate Sustainability Report
		0.67	0.70	Includes all Exelon employees, including electric, gas and corporate functions
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	1	00	Wayle valeted fetalities data is non-outed for complement and data and include combinations
7.7.4	Work-related Fatalities	1	U	Work-related fatalities data is reported for employees and does not include contractors
8	Fresh Water Resources used in Thermal Power Generation Activities			
8.1	Water Withdrawals - Consumptive (Millions of Gallons)			Exelon is a T&D only utility and does not own power generation; we do report consumptive and non-consumptive water usage at our
8.2	Water Withdrawals - Non-Consumptive (Millions of Gallons)	Not Applicable	Not Applicable	utilities related to office and service buildings; this water is primarily sourced from municipal water suppliers. See page 103 of the 2022
8.3	Water Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	Not Applicable	пот Аррисавіе	sustainability report.
8.4	Water Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)			
9	Waste Products			
9.1	Amount of Hazardous Waste Manifested for Disposal (metric tons)	1,426	1,070	
9.2	Percent of Coal Combustion Products Beneficially Used	Not Applicable	Not Applicable	
	Additional Metrics (Optional)	20	40	EV22 Data available for WHC and NWE Cortifications on ng 00 in 2022 Evalon Systemability Benert
	# of WHC Certified Sites # of NWF Certified Sites	38 60	40 64	FY22 Data available for WHC and NWF Certifications on pg 99 in 2022 Exelon Sustainability Report  FY21 Data available for WHC and NWF Certifications on pg 84 in Exelon's 2021 Corporate Sustainability Report
	Additional Metrics: Performance Table and Workforce Data (Tab)	60	04	Exelon Summary Performance and Workforce Demographics Metrics from yearly Sustainability Report
	Additional Metrics: Performance Table and Workforce Data (Tab)  Additional Metrics: GHG Inventory (Tab)			Exelon Summary Performance and Workforce Demographics Metrics from yearly Sustainability Report  Exelon Greenhouse Gas Inventory from yearly Exelon Sustainability Report
	Additional Medico. Giro inventory (148)			Excisit dice.mode dus inventory from yearly Excisit sustainability Report

#### Footnotes

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<sup>&</sup>lt;sup>1</sup> On February 21, 2021, Exelon's Board of Directors approved a plan to separate Exelon's utilities and its competitive power generation and customer-facing energy businesses into two publicly-traded companies with the resources necessary to best serve customers and sustain long-term investment and operational excellence. After receiving the necessary regulatory approvals, and approval from Exelon's Board of Directors, the separation was completed on February 1, 2022, with the utilities business retaining the Exelon name. The competitive power generation and customer-facing energy businesses company now trades as Constellation Energy (NASDAQ: CEG). Post-separation, Exelon does not own any power generation on Constellation's power generation is provided in this reporting template. Persons wishing to review Constellation's owned power generation emissions should visit the Constellation website (https://www.constellationenergy.com/).

# **Gas Company ESG/Sustainability Quantitative Information**

Parent Company: Exelon Corporation

Operating Company(s): Baltimore Gas and Electric (BGE), Delmarva Power (DPL) and PECO Energy (PECO)

**Business Type(s):** *Competitive Integrated* 

State(s) of Operation: Delaware, Maryland, Pennsylvania

Regulatory Environment: Natural Gas Utilities are Regulated

**Report Date:** August 15, 2020

		2021	2022	Comment
		_		
	Natural Gas Distribution			
	Natural das Distribution			
1	METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS			
1.1	Number of Gas Distribution Customers	1,300,000	1,300,000	Annual Exelon 10-K. Rounded to nearest 100 thousand.
1.2	Distribution Mains in Service			
1.2.1	Plastic (miles)	8,668	9,041	See Exelon 2022 ESR page 55 and "Miles of Gas Pipelines as of year-
1.2.2	Cathodically Protected Steel - Bare & Coated (miles)	6,101	6,071	end 2022: https://www.exeloncorp.com/sustainability/Documents/Man and s
1.2.3	Unprotected Steel - Bare & Coated (miles)	339	400	ervice_by_company.pdf
1.2.4	Cast Iron / Wrought Iron - without upgrades (miles)	1,547	1,487	
1.3	Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)			Exelon Gas Utility Main and Service Replacement Program
1.3.1	Unprotected Steel (Bare & Coated) (# years to complete)			Details Report for additional details on individual Utility phase-
1.3.2	Cast Iron / Wrought Iron (# years to complete)	13 to 16	12 to 15	out timeline: https://www.exeloncorp.com/sustainability/Documents/Repla
				cement_program.pdf
2	Distribution CO2e Fugitive Emissions			Mathema Englishers from England Hillita (RCE, RECO, RRI) Con
_	Bistribution code rugitive Limitations			Methane Emissions from Exelon Utility (BGE, PECO, DPL) Gas Distribution Systems for additional details on metrics 2.1 to 2.4:
				https://www.exeloncorp.com/sustainability/Documents/GHG_emissi
				on_and_intensity.pdf
2.1	CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	305,000	299,000	Rounded to nearest 1,000.
2.2	CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	12,200	11,960	
2.2.1	CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	636	623	
2.3	Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	190,232,925	203,150,800	
2.3.1	Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)	180,721	192,993	
2.4	Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.35%	0.32%	

# **Additional Metrics (Optional)**

Please refer to tabs "(+) Metrics - Performance Table" and "(+) Metrics - GHG Inventory" for additional metrics reflectiving Exelon and Exelon Utilities sustainability performance

## **Additional Metrics**

**Source |** 2022 Exelon Sustainability Report (Pages 11-12)

## **Exelon Performance Data 2020 - 2022**

	2020	2021	2022
Financial and Business Results			
Revenue (million USD)	\$ 16,663	\$ 17,938	\$ 19,078
Operating Expenses (million USD)	\$ 14,485	\$ 15,256	\$ 15,761
Net Income from continuing operations (million USD)	\$ 1,099	\$ 1,616	\$ 2,054
Earnings per average common share from continuing operations (dilued)	\$ 1.13	\$ 1.65	\$ 2.08
Customers			
Cumulative Exelon Utility Customer Energy Efficiency (EE) Program Savings			
Customer EE Savings (million MWh)	22.33	22.76	24.76
GHG emissions avoided by EE programs (million metric tons Co₂e)	8.07	8.75	9.52
Green Power Connection			
Customer renewables connected (MW)	1,995	2,660	3,089
Customers with renewables systems connected (number of customers)	150.4	173.3	200.1
Customer Satisfaction Index			
BGE	8.39	8.25	8.17
ComEd	8.27	8.18	8.17
PECO	8.27	8.35	8.09
PHI	7.98	7.98	7.88
Reliability - SAIFI (average number of interruption per customer)			
BGE	0.70	0.68	0.74
ComEd	0.47	0.50	0.43
PECO	0.70	0.71	0.62
PHI	0.68	0.65	0.61
Reliability - CAIDI (average outage duration in minutes)			
BGE	90	87	89
ComEd	68	69	67
PECO	85	95	89
PHI	88	85	86
Reliability - SAIDI (average outage duration in minutes)			
BGE	63	60	66
ComEd	32	35	29
PECO	60	67	55
PHI	60	55	52

	2020	2021	2022
Communities			
Corporate and foundation giving (million USD)	\$46.8	\$42.0	\$48.1
Volunteer hours (thousands)	71.8	97.8	126.5
Diverse supplier spend (billion USD)	\$2.2	\$2.6	\$2.9
Workplace Safety			
OSHA recordable rate (work-related injuries or illnesses per 100 employees)	0.87	0.94	0.90
<b>OSHA DART rate</b> (work-related injuries or illnesses resulting in days away, restricted work or job transfer, per 100 employees)	0.96	0.67	0.70
Climate Change and Environment			
Total corporate GHG emissions (Scope 1 and 2, location-based, thousand metric tons CO2e)	5,052	5,335	5,307
Total corporate GHG emissions (Scope 1 and 2, market-based, thousand metric tons CO2e)	5,428	5,749	5,720
Path to Clean Goal Breakdown			_
2030 Operations-driven GHG reduction goal (Percent Reduction from 2015 Baseline Achieved)—reflects market-based accounting	33%	33%	34%
Operations-driven GHG emissions (Scope 1 and 2 market-based, thousand metric tons CO2e)	538	538	527
GHG emissions associated with T&D system line losses (Scope 2 market-based, thousand metric	4,890	5,211	5,193
Relevant customer energy use emissions (Scope 3, thousand metric tons CO2e)	79,484	86,934	83,154
Total Water Use (million gallons per year)	79.2	113.8	80.0

[1] Performance data reflects Exelon's current day footprint. 2020–2021 financial, community, safety and environmental data has been recast to reflect Exelon's current corporate boundary (excludes Constellation) and may differ from previous reports. See further discussion in the 2022 Corporate Sustainability Approach section of the 2022 Exelon Sustainability Report.

[2] 2021 Diverse Supplier Spend total has been updated since Exelon's last Sustainability Report.

This data is sourced from the Performance Data table of the 2022 Exelon Sustainability Report, pages 11-12. Please visit those pages for hyperlinks to more detailed narrative and definitional information around each metric.

#### **2021 Data** (pg 95)

Employee Diversity[1]		
Category	Number	Percentage of Total
Female[2]	5,221	27.9%
People of Color[2]	7,207	38.5%

Management Diversity[3]		
Category	Number	Percentage of Total
Female[2]	881	30.8%
People of Color[2]	979	34.2%

Aged <30	1,984	10.6%	Aged <30	25	0.9%
Aged 30 - 50	10,063	53.7%	Aged 30 - 50	1,586	55.5%
Aged >50	6,681	35.7%	Aged >50	1,248	43.6%
Full-time	18,571	99.2%	Within 10 years of retirement eligibility	1,724	60.3%
Part-time	157	0.8%	Total Employees	2,859	100.0%
Total Employees	18,728	100.0%			

[1] To provide a clear picture of Exelon's workforce after separation from Constellation, we are presenting post-separation employee counts as of 2/28/22. As Exelon moves past its separation from Constellation, we will report multiple years of data in future sustainability reports, as has been our past practice. Since we are presenting employee statistics as of 2/28/22, we are not including employee turnover rates. These will also be published again in future reports. Exelon will continue to make publicly available its annual EEO-1 report on its corporate website.

[2] Based upon self-disclosed information from employees

[3] Management is defined by EEO Categories "Executive/Senior Level Officials and Managers" and "First/Mid-Level Officials and Managers".

#### **2022 Data** (pg 114)

Employee Diversity[1]			Management Diversity[3][4]		
Category	Number	Percentage of Total	Category	Number	Percentage of Total
Female[2]	5,300	27.8%	Female[2]	961	31.7%
People of Color[2]	7,519	39.4%	People of Color[2]	1,086	35.8%
Aged <30	2,026	10.6%	Aged <30	29	1.0%
Aged 30 - 50	10,548	55.3%	Aged 30 - 50	1,715	56.6%
Aged >50	6,489	34.0%	Aged >50	1,286	42.4%
Full-time	18,911	99.2%	Within 10 Years of Retirement Eligibility	1,787	59.0%
Part-time	152	0.8%	Total Employees in Management	3,030	100.0%
Total Employees	19,063	100.0%			

<sup>[1]</sup> Employees as of 12/31/22. Exelon publishes its annual EEO-1 report on its corporate website.

<sup>[2]</sup> Based upon self-disclosed information from employees.

<sup>[3]</sup> Management is defined by EEO Categories "Executive/Senior Level Officials and Managers" and "First/Mid-Level Officials and Managers".

<sup>[4]</sup> Due to the Constellation separation, we are not reporting employee turnover rate as of 12/31/22. Average turnover rates for years 2020–2022 are available in the Exelon 2022 10-K.

## **Additional Metrics**

**Source** | 2022 Exelon Sustainability Report (page 155)

# **Exelon Corporate GHG Inventory Breakdown**

Total Exelon GHG Emissions	2020	2021	2022
Scope 1	479	467	452
Scope 2 (Location-based)	4,572	4,868	4,855
Total Scope 1 and 2 (Location-based)	5,052	5,335	5,307
Scope 2 (Market-based)	4,948	5,282	5,268
Total Scope 1 and 2 (Market-based)	5,428	5,749	5,720
Supplemental Biogenic Emissions	8.6	49.2	8.8
Relevant Scope 3 Categories	81,326	88,625	84,825

Customer Driven Emissions	2020	2021	2022	Operations-Driven Emissions	2020	2021	2022
Scope 1 - Direct Emissions				Scope 1 - Direct Emissions			
				Stationary CombustionSupport Operations	20	26	22
				Natural Gas Distribution and LNG Import (Fugitive Methane)	324	305	299
Exelon's utilities do not own any electric generation operations				Electrical Equipment (Fugitive SF6)	49	43	41
				Fugitive Refrigerants, Bulk CO2, Coal Pile	0	0	0
				Vehicle Fleet Operations	86	92	90
Total Customer-Driven Scope 1	0	0	0	Total Operations-driven Scope 1	479	467	452
Scope 2 - Indirect Emissions				Scope 2 - Indirect Emissions			
T&D Line Losses[1] (Location-Based, As-Delivered)	4,474	4,765	4,748	Building Electric, District Heating and Colling (Location-based, As-delivered)	99	103	107
Total Customer-Driven Scope 2 (After Low-Carbon Purchases)	4,890	5,211	5,193	Total Operations-Driven Scope 2 (After Low Carbon Purchases)	59	71	75
Total Customer-Driven Scope 1 and 2 Emissions	4,890	5,211	5,193	Total Operations-Driven Scope 1 and 2 Emissions	538	538	527
Relevant Scope 3 - Customer-Driven Supply Chain Emissions[2]	79,484	86,934	83,154	Relevant Scope 3: Operations-Driven Supply Chain Emissions [4]	1,842	1,691	1,671
Electricity purchased and distributed by our Utilities[3]	67,317	74,659	69,760	Employee Business Travel[5] and Leased Assets[6]	7	4	6
Upstream production of Natural Gas Delivered	1,969	1,995	2,167	Waste Generated inActivities	26	26	25
Natural Gas distributed by our Utilities (as used by the customer)[4]	10,198	10,280	11,226	Purchased Goods, Services, Upstream Shipping and Capital Goods	1,808	1,662	1,640

<sup>[1]</sup> T&D Line Loss emissions adjusted to reflect establishment of location-based Scope 2 accounting.

Additional information on Scope 3 accounting can be found at http://ghgprotocol.org/scope-3-technical-calculation-guidance.

#### **Source** | 2022 Exelon Sustainability Report (page 56)

# **Exelon Scope 3 Emissions by Category[1]**

Exercit Scope 5 Linissions by Category[1]			
Category (1,000 mtCO2e)	2020	2021	2022
Purchased Goods and Services	726	634	684
Capital Goods	1,044	1,001	933
Fuel/Energy Related Activities	69,286	76,654	71,928
Upstream Transportation and Distribution	39	27	23
Operational Waste	26	26	25
Business Travel	6	2	5
Employee Commute	Not yet measured	Not yet measured	Not yet measured
Upstream Leased Assets	1.8	1.2	1.8
Downstream Transportaiton and Distribution	0	0	0
Processing of Sold Products	0	0	0
Use of Sold Products	10,198	10,280	11,226
Downstream Leased Assets	0	0	0
Franchises	0	0	0
Investments	Not yet measured	Not yet measured	Not yet measured
End-of-Life Treatment of Sold Products	0	0	0

[1] Data was revised to incorporate an inflation adjustment and break out upstream shipping.

<sup>[2]</sup> There are 17 potential Scope 3 categories. Exelon currently tracks and reports those most pertinent to our business and where we can most effective take action today.

<sup>[3]</sup> Includes electricity our Utilities purchase for Provider of Last Resort customers and that which we acquire for delivery.

<sup>[4]</sup> These are emissions associated with the end use of the natural gas as delivered.

<sup>[5]</sup> Scope 3 Business Travel emissions only—owned corporate aircraft is included under Scope 1 mobile emissions.

<sup>[6]</sup> New category for the table, 2021 and 2020 values have been adjusted accordingly.