

Edison Electric Institute and American Gas Association ESG/Sustainability Reporting Template

EEI and AGA ESG/Sustainability Reporting Template Section 1: Qualitative Information

Based in Milwaukee, Wisconsin, WEC Energy Group is one of the nation's premier energy holding companies, with subsidiaries serving customers in Wisconsin, Illinois, Minnesota and Michigan.

As a member of the American Gas Association (AGA) and Edison Electric Institute (EEI), we participate in an initiative led by these organizations to promote consistency and transparency in sustainability reporting. This template is designed to make environmental, social and governance (ESG) metrics and information more accessible and comparable across the electric and natural gas sectors.

Additional information on our ESG-related efforts can be found on the WEC Energy Group website (www.wecenergygroup.com/csr).

ESG/Sustainability Governance

Sustainability is key to governance policies and practices across WEC Energy Group. To support an enduring enterprise, we manage short- and long-term risks and account for economic, environmental and social factors in our decision-making.

Our board of directors oversees our risk environment and associated management practices. Of the 12 directors who have been in place throughout 2024, 10 are independent. To carry out its oversight function, the board and its committees routinely meet throughout the year to discuss these matters, and receive regular briefings from management and outside advisers about ongoing and emerging risks.

While the board delegates specified risk oversight duties to its committees, the board retains collective responsibility for comprehensive risk oversight, including short- and long-term critical risks that could impact the company's sustainability. This includes oversight of risks that have the potential to result in significant financial or reputational consequences, such as the potential impact of climate change on the utility sector, and review and approval of significant capital projects and investments.

To foster an enterprisewide approach to identifying and managing risk, the Enterprise Risk Steering Committee (ERSC), chaired by our chief executive officer and composed of senior-level management, regularly reviews key risk areas. The ERSC provides input into the development and implementation of effective compliance and risk management practices, including external audits, and routinely reports the results of its efforts to the board.

Due to its importance in our industry, cybersecurity is among the risk areas under ERSC oversight. The CEO and the chief administrative officer, who is also our chief technology officer, report regularly to the board and its Audit and Oversight Committee on cybersecurity matters and risks. Using recognized cybersecurity framework and maturity models from the National Institute of Standards and Technology and the Department of Energy, we continuously assess the maturity of our cybersecurity program and incorporate improvements as needed, while also striving to follow industry best practices for computer network protection and effective physical security for our critical cyber assets. We participate in information sharing and vulnerability analysis with federal, state and industry organizations, as well as GridEx, the grid security exercise sponsored by the North American Electric Reliability Corp.

Social responsibility

The Audit and Oversight Committee of our board of directors has oversight responsibility for social policies, including the company's Code of Business Conduct, while our Ethics and Compliance department, working at the direction of senior management, is responsible for the development and implementation of these policies. All employees and the board of directors receive annual training on our Code of Business Conduct policies, which cover our expectations for fair, lawful and ethical business conduct. Training reinforces standards such as respect for diversity, anti- harassment, protection of consumer information and regulatory compliance.

As a top priority across our companies, employee safety is supported by engagement and accountability at all levels. Our Executive Safety Committee directs our safety and health strategy and works to ensure consistency across work groups. Management and represented employees work together to identify risks and prevent injuries. Through Safety Action teams and Regional Safety teams, every employee has a voice.

Environmental responsibility

Our governance structure and practices support a strategic focus on environmental issues. Senior leadership has specific responsibility for managing risk across the corporation. The vice president environmental, in collaboration with team members, takes the lead on analyzing the environmental impacts, including climate-related impacts of our strategies and related tactics. The WEC Infrastructure and Fuels team and Environmental team engage with other functional areas of the company to identify costeffective options for reducing emissions. The vice president — environmental provides regular updates on environmental issues, including new and proposed laws and regulations, to the Audit and Oversight Committee of our board of directors at meetings and through formal quarterly reports.

The Climate Risk Committee brings together senior-level officers responsible for overall climate-related corporate strategy. The committee meets quarterly to review and discuss climate-related goals and initiatives.

Responsibility for environmental compliance lies within our operating units and the Environmental department. Any significant noncompliance is reported to senior management. The quarterly report to the Audit and Oversight Committee includes the status of environmental compliance and any significant findings of noncompliance. This committee is responsible for discussing, among other things, major environmental risk exposures and the steps management has taken to monitor and control such exposures.

The full board provides oversight of climate-related risks, opportunities and strategy, and annually reviews the Corporate Responsibility Report and its accompanying environmental policy statement.

Additional resources

- Board of directors
- Ethics and Compliance policies and commitments
- Corporate Responsibility Report
- Management team

ESG/Sustainability Strategy

Business environment

Our operations cover diverse service areas in the Upper Midwestern United States, from Chicago to the Upper Peninsula of Michigan. This regional diversity requires us to adapt to and plan for a variety of environmental, economic and regulatory factors.

Due to the region's climate, storage is an important aspect of our natural gas business. Our natural gas storage facilities in Illinois, Michigan and Wisconsin allow our companies to purchase supplies in summer months, when prices are lower, improving the reliability and affordability of natural gas service during the long heating season.

For our electric operations, We Energies, Wisconsin Public Service and Upper Michigan Energy Resources follow a comprehensive approach to address electricity supply and reliability issues in a way that considers both the economy and the environment. We are reshaping our generation fleet to reduce costs to customers, preserve fuel diversity and reduce greenhouse gas (GHG) emissions responsibly.

Evolving business conditions have influenced the development of our electric fleet. Utility-scale solar generation became a cost-effective option for our company in the past decade, and it fits well with Wisconsin's summer demand curve. In addition, the need for a long-term generation solution that is reliable, efficient and flexible has led us to invest in modular natural gas-fueled generation in Michigan's Upper Peninsula and Wisconsin.

Our companies evaluate environmental impacts and environmental regulations, including regulation of GHG emissions, in all facets of their strategic business planning. Current GHG emissions regulation, as well future legislation or regulation that may be adopted, carries with it a wide range of possible effects on our energy business; therefore, we strive for the flexibility to address these potential outcomes while ensuring a secure, low-cost and reliable supply of fuel for our generating needs.

Risks and opportunities

Climate-related and other environmental issues are integrated into multidisciplinary risk identification, assessment and management processes across our company. We continuously monitor our assets as well as the legislative, regulatory and legal developments in areas of major environmental risks and opportunities. For example, legislative or regulatory developments could affect the economics of operating some of our generating facilities.

Our companies are members of, and actively participate in, several industry organizations (such as AGA, EEI and affiliated groups) that are involved in the legislative and regulatory process. We also collaborate with our industry peers on research and development through organizations including EPRI and the Gas Technology Institute.

Our companies have contributed to sustainable technology and research areas including generation system efficiency improvements, distribution automation, smart grids, cybersecurity, renewable energy and demand-side energy efficiency. Our recent research includes a pilot project with EPRI and CMBlu to test a new "green battery" — a form of long-duration energy storage that incorporates environmentally friendly materials — as well as a collaborative project with EPRI blending hydrogen with natural gas in one of our reciprocating internal combustion engine generating units.

We also have worked with EPRI to conduct assessments of potential climate scenarios and decarbonization pathways for our electric business in Wisconsin. ERM, an independent sustainability consultant, completed a similar scenario analysis for our natural gas business based on our region. These studies, detailed in our climate report, helped us evaluate risks and opportunities associated with our energy future.

Through scenario analysis, we confirmed WEC Energy Group has established ambitious greenhouse gas reduction goals for our electric generating fleet and natural gas distribution system, aligned with or surpassing global emissions pathways aimed at limiting warming to 1.5 degrees Celsius.

As we work to reduce GHG emissions, we remain focused on safety, reliability and financial discipline. Our financial performance depends on the successful operation of our electric generation and natural gas and electric

distribution facilities. The operation of these facilities involves many physical risks, including the potential breakdown or failure of equipment or processes. Breakdown or failure may occur due to severe weather, catastrophic events, significant changes in water levels in waterways, or operating limitations that may be imposed by environmental or other regulatory requirements. Results of our operations and cash flows also can be affected by weather conditions, which influence energy demand.

To manage equipment-related risks and protect the safety of our employees and the public, we monitor natural gas and electric distribution lines. We complete risk analyses on our natural gas networks annually and identify high-consequence areas. We have made significant reliability-related investments in recent years, and plan to continue strengthening our generation fleet and electric and natural gas distribution networks.

We further address the safety risks of our industry generally and company specifically by proactively sharing electric and natural gas safety information with audiences including students, teachers, families, contractors and first responders.

Growing customer demand for energy-efficient and lower-emitting options creates opportunities as well as risks from the changing market. To meet this demand, we offer a range of energy efficiency tools and programs to our residential and business customers. These programs include energy management services to improve efficiency in business operations. In addition, two "green pricing" programs in Wisconsin allow customers to purchase specified amounts of electricity from renewable sources.

Plans and progress

Our strategic planning evolves to anticipate and meet environmental challenges, and our environmental performance demonstrates the effectiveness of that process. In 2000, we began to reshape our portfolio of electric generation facilities, resulting in reduced environmental impact and improved environmental performance. Air quality control systems and other measures at our facilities have led to combined sulfur dioxide, nitrogen oxide and mercury emissions reductions of approximately 97% when compared to 2000 emissions. We believe that our multi-emission reduction strategy will continue to achieve greater environmental benefit for lower cost.

Reducing GHG emissions from our electric generation continues to be integral to our strategic planning process, demonstrating commitment to environmental stewardship while fulfilling an obligation to provide reliable, affordable energy for customers. As the regulation of GHG emissions takes shape, our plan for our electric generation is to work with our industry partners, environmental groups and governing bodies with a goal of reducing carbon dioxide (CO₂) emissions by 60% below 2005 levels by the end of 2025 and 80% below 2005 levels by the end of 2030. In addition, we have set a long-term goal for our electric generation to be net carbon neutral by 2050.

Our capital plan for 2025-2029 supports our focus on sustainability with the planned addition of over 4,300 megawatts (MW) of solar, wind and battery storage to our regulated utility fleet. We expect this plan to quadruple our current carbon-free generation and facilitate our transition away from coal. By the end of 2030, we plan to use coal only as a backup fuel for electric generation, and our goal is to exit coal entirely by the end of 2032.

We also have set a goal for our natural gas operations across our energy companies: achieving net-zero methane emissions from our natural gas distribution systems by the end of 2030.

We are reducing methane emissions by addressing aging infrastructure in sections of our natural gas distribution systems. We also are investing in opportunities to blend renewable natural gas (RNG) from dairy farms and other sources with conventional natural gas. RNG first entered our distribution network in 2023. Our ongoing work in research and development, including participation in EPRI and GTI's Low-Carbon Research Initiative, will help to inform our longer-term strategy. In addition, subject to regulatory approval, we may procure renewable thermal credits.

We have continued to refine our reporting to illustrate our efforts and respond to stakeholder interest. In our latest Corporate Responsibility

Report, we updated our inventory of Scope 3 emissions in the categories most relevant and impactful to our business. The data was compiled according to the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard.

In 2023, we joined the EPRI SMARTargets™ initiative, which is developing a GHG target setting methodology for grounded and actionable climate targets and strategies aligned with global goals. The SMARTargets methodology is being designed to include validation of a GHG emission target on an individualized company basis, informed by extensive stakeholder, public, and scientific community feedback and guidance. This two-year project is expected to allow us to gain a better understanding of multiple global pathways for our emissions, allow assessment of risks and opportunities, and help educate stakeholders on our goals.

We will continue to evaluate sustainabilityrelated risks and opportunities and update our approach as technology, products and markets evolve.

Additional resources

- 2023 Form 10-K
- Pathway to a Clean Energy Future
- We Energies (Wisconsin electric and natural gas subsidiary)
- Wisconsin Public Service (Wisconsin electric and natural gas subsidiary)
- <u>Peoples Gas</u> (Illinois natural gas subsidiary)
- North Shore Gas (Illinois natural gas subsidiary)
- Minnesota Energy Resources
 (Minnesota natural gas subsidiary)
- Michigan Gas Utilities (Michigan natural gas subsidiary)
- Upper Michigan Energy Resources (Michigan electric and natural gas subsidiary)

Last updated: Dec. 23, 2024

Section 2: Quantitative Information

Goal Applicability	Baseline Year	Target Year	Reduction Goal Description (Short)	Source for all goals (URL)
WEC Energy Group	2005	2025	60% reduction in carbon emissions from electric generation by the end of 2025.	2023 Corporate Responsibility Report,
WEC Energy Group	2005	2030	80% reduction in carbon emissions from electric generation by the end of 2030.	pages 30 and 33
WEC Energy Group	2005	2050	Net carbon neutral target for our generation fleet by 2050.	Pathway to a Clean Energy Future: 2022 Climate Report,
WEC Energy Group	2011	2030	Net-zero methane emissions from our natural gas distribution system by the end of 2030.	pages 6, 13 and 47

Notes

^{1.} Additional information on the emissions goals listed above, including how they will be achieved, can be found in the Qualitative section.



WEC Energy Group ESG/Sustainability Quantitative Information

									
	Baseline	Prior Year	Last Year	Current Year	Next Year	Future Year	Future Year	Future Year	
	2005	2021	2022	2023	2024	2025	2030	2050	Comments, Links, Additional Information, and Notes
at the									
ortfolio									
wned nameplate generation capacity at end of year (MW)		9,293	9,593	10,594	11,070				CDP 2024 Response, pages 12-20
Coal		3,548	3,543	3,468	2,870				
Natural Gas		3,691	3,712	4,151	4,251				
Nuclear Petroleum		0 245	0 245	0 245	0 245				
Total Renewable Energy Resources		1,809	2,093	2,730	3,704				
Biomass/Biogas		58	58	58	58				
Geothermal Hydroelectric		0 154	0 156	0 156	0 156				
Hydroelectric Solar-utility		154	156 221	156 351	15b 855				
Solar-infrastructure		208	221	200	670				
Wind-utility		498	498	580	580				
Wind - infrastructure		891	1,160	1,385	1,385				
Other		0	0	0	0				
wned net generation for the data year (MWh)		34,286,000	33,576,000	35,852,000			100%		2023 Corporate Responsibility Report, page 8
Coal		16,352,000	13,071,000	13,100,000			<2%		
Natural Gas Nuclear		12,994,000	14,047,000 0	15,214,000 0			43% 21%		
Petroleum		13,000	4,000	2,000					
Total Renewable Energy Resources		4,927,000	6,454,000	7,536,000			34%	Ш.,	
Biomass/Biogas Geothermal		139,000	200,000	169,000				Net carbon neutral	
Hydroelectric		745,000	803.000	766 000				neutrai	
Solar - utility		213,000	439,000	423,000					
Solar - infrastructure				277,000					
Wind - utility Wind - infrastructure		1,051,000	1,225,000	1,104,000					
Other		2,779,000 0	3,787,000 0	4,797,000 0					
ntracted net generation for the data year (MWh)		10,426,000	10,660,000	9,932,000					
Coal Natural Gas		879,000	962,000	0					
Nuclear		8,687,000	8,704,000	8,968,000					
Petroleum		0	0	0					
Total Renewable Energy Resources Biomass/Biogas		860,000 228,000	994,000 249,000	964,000 263,000					
Geothermal		228,000	249,000	263,000					
Hydroelectric		568,000	674,000	631,000					
Solar - utility		10,000	11,000	16,000					
Solar - infrastructure Wind - utility		0 54,000	0 60,000	0 54,000					
Wind - utility Wind - infrastructure		54,000	0,000	54,000					
Other		0	0	0					
vesting in the future Total annual capital expenditures (nominal dollars)		\$2,372,700,000	\$2,696,900,000	\$3,507,900,000					WEC Energy Group 10-K, page 141
Incremental annual electricity savings from energy efficiency measures (MWh)		422,664	356,140	250,697					WEE CHEIRY GOOD TO N, DIRECTOR
Incremental annual investment in electric energy efficiency programs (nominal dollars)		\$55,106,905	\$ 57,585,463	\$ 51,739,952					
tail electric customer count (at end of year)*									
Commercial/industrial		178,600	179,800	181,800					WEC Energy Group 10-K, page 5
Residential		1,460,400	1,471,400	1,487,900					WEC Energy Group 10-K, page 5
*Customer counts updated to reflect changes in most recent Form 10-K disclosure									
	<u> </u>			1	1				<u> </u>
nissions									
IG emissions: carbon dioxide (CO ₂) and carbon dioxide equivalent (CO ₂ e)									
6W								1	
Owned generation								1	
Carbon dioxide (CO ₂)								1	
Total owned generation CO ₂ emissions (metric tons)		21,151,000	18,388,000	18,884,000				1	2024 CDP Response, page 123
		1						1	2023 CDP Climate Change, page 95 2022 CDP Climate Change page 67.
Carbon dioxide equivalent (CO ₂ e)								1	2022 COF Climate Change page 67
Total owned generation CO₂e emissions (metric tons)		21,245,000	18,466,000	18,963,000				1	2024 CDP Response page 105 (Scope 1 emissions from for
								1	2023 CDP Climate Change page 79 (Scope 1 emissions fro
Contracted generation ¹								1	2022 CDP Climate Change page 59 (Scope 1 emissions fro
Carbon dioxide (CO ₂)								1	
Total contracted generation CO ₂ emissions (metric tons)		389,000	422,000						2022 Corporate Responsibility Report, page 19
Carbon dioxide equivalent (CO ₂ e)		200.555	422.6					1	2024 Community Brown William Brown and Tra
Total contracted generation CO₂e emissions (metric tons)	1	389,000	422,000		l	l	l	I	2021 Corporate Responsibility Report, page 24



WEC Energy Group ESG/Sustainability Quantitative Information

	Baseline 2005	Prior Year 2021	Last Year 2022	Current Year 2023	Next Year 2024	Future Year 2025	Future Year 2030	Future Year 2050	Comments, Links, Additional Information, and Notes
		,	,	,	,		, ,		,
	1	I	1	1	1	[1	
MISO purchases ¹ Carbon dioxide (CO ₃)									
Total MISO purchases CO ₂ emissions (metric tons)		2,942,000	2,847,000	2,614,000					2023 Corporate Responsibility Report, page 17
Carbon dioxide equivalent (CO-e)		2,942,000	2,847,000	2,614,000					2023 Corporate Responsibility Report, page 17 2022 Corporate Responsibility Report, page 19
Total MISO purchases CO ₂ e emissions (metric tons)		2,953,000	2,859,000	2,625,000					2022 Corporate Responsibility Report, page 19 2021 Corporate Responsibility Report, page 24
total wiso purchases coze emissions (metric tons)		2,933,000	2,039,000	2,023,000					2021 Corporate Responsionity Report, page 24
MISO sales ¹									
Carbon dioxide (CO ₂)									
Total MISO sales CO ₂ emissions (metric tons)		3,314,000	2,383,000	4,383,000					2023 Corporate Responsibility Report, page 17
Carbon dioxide equivalent (CO ₂ e)									2022 Corporate Responsibility Report, page 19
Total MISO sales CO₂e emissions (metric tons)		3,327,000	2,393,000	4,402,000					2021 Corporate Responsibility Report, page 24
Wholesale sales ¹									
Carbon dioxide (CO ₂)									
Total wholesale sales CO ₂ emissions (metric tons)		1,243,000	1,092,000	727,000					2023 Corporate Responsibility Report, page 17
Carbon dioxide equivalent (CO₂e)									2022 Corporate Responsibility Report, page 19
Total wholesale sales CO₂e emissions (metric tons)		1,243,000	1,097,000	730,000					2021 Corporate Responsibility Report, page 24
Owned and Contracted Generation 1,2									
Carbon dioxide (CO ₂)									
Total net CO ₂ emissions (metric tons)	35,700,000	21,540,000	18,810,000	18,884,000		14,300,000	7,140,000	0	
Total net CO ₂ emissions intensity (metric tons/net MWh)		0.48	0.43	0.41					
Carbon dioxide equivalent (CO₂e)									
Total net CO ₂ e emissions (metric tons)		21,634,000	18,888,000	18,963,000					2023 Corporate Responsibility Report, page 17
Total net CO ₂ e emissions intensity (metric tons/net MWh)		0.48	0.43	0.41					2022 Corporate Responsibility Report, page 19
									2021 Corporate Responsibility Report, page 24
Net Supply to meet Customer load (includes distribution losses) 1,2									
Carbon dioxide (CO ₂) Total net CO ₂ emissions (metric tons)	35,700,000	19,925,000	18,182,000	16,388,000		14,300,000	7,140,000	0	2023 Corporate Responsibility Report, page 17.
Total net CO ₂ emissions (metric tons) Total net CO ₂ emissions intensity (metric tons/net MWh)	35,700,000	19,925,000	18,182,000	16,388,000		14,300,000	7,140,000	0	2023 Corporate Responsibility Report, page 17 2022 Corporate Responsibility Report, page 19
Carbon dioxide equivalent (CO ₃ e)		0.51	0.47	0.42					2021 Corporate Responsibility Report, page 24
Total net CO₂e emissions (metric tons)		20,017,000	18,257,000	16,456,000					
Total net CO₂e emissions intensity (metric tons/net MWh)		0.51	0.47	0.43					
¹ CO ₂ emissions produced to support wholesale sales and market sales are netted with CO ₂ emissions from contracted generating facilities and market purchases.									
Objects produced to support wholesale sales and market sales are institute with CU ₂ emissions trem contracted generating socioes and market purchases. Market purchases and sales are determined for the combined stillties and utilized EIA CC ₂ rates by faul type and Midcontinent Independent System Operator (MSO) foul data min.									
² Includes owned generation from WEC Infrastructure wind farms. The environmental attributes of the WEC Infrastructure renewable facilities are or may be the property of third parties. As such, these third parties are solely entitled to the reporting rights and ownership of the environmental attributes such as renewable									
energy credits, offsets, allowances and the avoided emissions of greenhouse gases.									
									WEC's electric facilities do not exceed the EPA's reporting
Total CO2e emissions of SF6 (metric tons)		N/A	N/A	N/A					threshold for SF6.
Leak rate of CO2e emissions of SF6 (metric tons/net MWh)		N/A	N/A	N/A					
Nitrogen oxides (NOx), sulfur dioxide (SO ₂), mercury (Hg)									
generation basis for calculation		1	1	Fossil	1	1			
Resources									
Human resources									
Total number of employees Percentage of women in total workforce		6,945 25%	7,029 25%	7,007 25%					2023 Corporate Responsibility Report, page 44 2023 Corporate Responsibility Report, page 44
Percentage of minorities in total workforce		25%	25%	26%					2023 Corporate Responsibility Report, page 44 2023 Corporate Responsibility Report, page 44
Total number on board of directors		10	12	12					
Percentage of women on board of directors		30%	33%	33%					
Percentage of minorities on board of directors		40%	33%	33%					
Employee safety metrics Recordable incident rate		2 58	1 69	166					2023 Corporate Responsibility Report, page 53
Lost-time case rate		0.84	0.37	0.46					2023 Corporate Responsibility Report, page 53
Days away, restricted, and transfer (DART) rate		1.98	1.07	1.03					2023 Corporate Responsibility Report, page 53
Work-related fatalities		0	0	0					2023 Corporate Responsibility Report, page 53
Fresh water resources used in thermal power generation activities	1								
Water withdrawals - consumptive (millions of gallons)		2,600	2,600	2,600			1		Converted from billion cubic meters in 2023 Corporate Responsib
Water withdrawals - non-consumptive (millions of gallons)		780,000	800,000	800,000			1		
Water withdrawals - consumptive rate (millions of gallons/net MWh)		0.0001	0.0001	0.0001					
Water withdrawals - non-consumptive rate (millions of gallons/net MWh)		0.03	0.03	0.02					
Waste products									
Amount of hazardous waste manifested for disposal (metric tons)		51	13	29					2023 Corporate Responsibility Report, page 19
Percent of coal combustion products beneficially used		95%	93%	99%					2023 Corporate Responsibility Report, page 20
	1	1	1	1			1		1
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Definitions for Electric Company ESG/Sustainability Metrics

Ref. No.	Metric Name	Definition	Units Reported in	Time Period (if applicable)	Reference to Source (if applicable)
	Portfolio				
1	Owned Nameplate Generation Capacity at end of year (MW)	Provide generation capacity data that is consistent with other external reporting by your company. The alternative default is to use the summation of the namepilate capacity of installed owned generation in the company portfolio, as reported to the LSL Energy Information deministration (ILQ) no moss BGG Generatoria Information. Note that data should be provided in terms of equity ownership for shared facilities. Namepilate capacity is defined as the maximum rated output of a generator, inform mover, or other electric power production equipment under specific conditions designated by the manufacturer. Installed generator namepilate capacity is commonly expressed in megawatts (MW) and is usually indicated on a namepilate phisiquity attacked to the generator.	Megawatt (MW): One million watts of electricity.	End of Year	U.S. Energy Information Administration, Online Glossory, https://www.eia.gov/tools/glossary/. Form 860 instructions available at: www.eia.gov/survey/form/eia_860/instructions.pdf.
1.1	Coal	Nameplate capacity of generation resources that produce electricity through the combustion of coal (a readily combustible black or brownish-black rook whose composition, including inherent mositure, consists of more than 50 percent by weight and more than 50 percent by whome cal cabonaceous material. It is formed from paint remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time).	MW	End of Year	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
1.2	Natural Gas Nuclear	Nameplate capacity of generation resources that produce electricity through the combustion of natural gas (a gaseous mature of hydrocarbon compounds, the primary one being methane). Nameplate capacity of generation resources that produce electricity through the use of thermal energy released from the fission of nuclear fuel in a reactor.	MW MW	End of Year End of Year	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/. U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
1.4	Petroleum	Nameplate capacity of generation resources that produce electricity through the combustion of petroleum (a broadly defined class of liquid hydrocarbon mixtures. Included are crude oil, lease condensate, unfinished oils, refined products obtained from the processing of crude oil, and natural gas plant liquids).	MW	End of Year	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
1.5	Total Renewable Energy Resources	Energy resources that are naturally replenshing but flow-limited. They are virtually inexhaustible in duration but limited in the amount of energy that is available per unit of time. Renewable energy resources include biomass, hydro, geothermal, solar, wind, ocean thermal, wave action, and tidal action.	MW	End of Year	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
1.5.1	Biomass/Biogas	Nameplate capacity of generation resources that produce electricity through the combustion of biomass (an organic nonfossil material of biological origin constituting a renewable energy source).	MW	End of Year	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
1.5.2	Geothermal Hydroelectric	Nameplate capacity of generation resources that produce electricity through the use of thermal energy released from hot water or steam extracted from geothermal reservoirs in the earth's crust. Nameplate capacity of generation resources that produce electricity through the use of flowing water.	MW	End of Year End of Year	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/. U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
1.5.4	Solar	Nameplate capacity of generation resources that produce electricity through the use of the radiant energy of the sun,	MW	End of Year	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
1.5.5	Wind	which can be converted into other forms of energy, such as heat or electricity. Nameplate capacity of generation resources that produce electricity through the use of kinetic energy present in wind motion that can be converted to mechanical energy for driving pumps, mills, and electric power generators.	MW	End of Year	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
1.6	Other	Nameplate capacity of generation resources that are not defined above.	MW	End of Year	mpay)
2	Net Generation for the data year (MWh)	Net generation is defined as the summation of the amount of gross generation less the electrical energy consumed at the generating stationly I for station service or auxiliaries. Data can be provided in terms of total, owned, and/or purchased, opending on how the company perfect so disseminate data in this template. Provide are persention data that consistent with other external reporting by your company. The alternative default is to provide convoiding eneration data is consistent with other external reporting by your company. The alternative default is to provide owned generation data is consistent of provided and of the provided of the provide	Megawatthour (MWh): One thousand kilowatt-hours or one million watt-hours.	Annual	U.S. Energy Information Administration, Online Glossory, https://www.eia.gov/hools/glossary/. Form 923 instructions available at: www.eia.gov/survey/form/eia_9223/instructions.pdf.
2.1	Coal	Net electricity generated by the combustion of coal (a readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonacious material. It is formed from plant reamins that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time).	MWh	Annual	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
2.2	Natural Gas Nuclear	Net electricity generated by the combustion of natural gas (a gaseous mixture of hydrocarbon compounds, the primary one being methane). Net electricity generated by the use of the thermal energy released from the fission of nuclear fuel in a reactor.	MWh	Annual Annual	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/. U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
2.4	Petroleum	Net electricity generated by the combustion of petroleum (a broadly defined class of liquid hydrocarbon mixtures. Included are crude oil, lesse condensate, unfinished oils, refined products obtained from the processing of crude oil, and natural gas plant liquids).	MWh	Annual	U.S. Energy Information Administration, Online Glassary, https://www.eia.gov/tools/glossary/.
2.5	Total Renewable Energy Resources	Energy resources that are naturally replenking but flow-limited. They are virtually inexhaustible in duration but limited in the amount of energy that is available per unit of time. Renewable energy resources include biomass, hydro, geothermal, solar, wind, ocean thermal, away action, and tidal action.	MWh	Annual	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
2.5.1	Biomass/Biogas	Net electricity generated by the combustion of biomass (an organic nonfossil material of biological origin constituting a renewable energy source).	MWh	Annual	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
2.5.2	Geothermal Hydroelectric	Net electricity generated by the use of thermal energy released from hot water or steam extracted from geothermal reservoirs in the earth's crust. Net electricity generated by the use of flowing water.	MWh MWh	Annual	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/. U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
2.5.4	Solar	Net electricity generated by the use of the radiant energy of the sun, which can be converted into other forms of energy, such as heat or electricity.	MWh	Annual	U.S. Energy Information Administration, Online Glossary, https://www.eia.gov/tools/glossary/.
2.5.5	Wind	Net electricity generated by the use of kinetic energy present in wind motion that can be converted to mechanical energy for driving pumps, mills, and electric power generators.	MWh	Annual	U.S. Energy Information Administration, Online Glassary, https://www.eia.gov/tools/glossary/.
2.6	Other	Net electricity generated by other resources that are not defined above. If applicable, this metric should also include market purchases where the generation resource is unknown.	MWh	Annual	
3.1	Capital Expenditures and Energy Efficiency (EE) Total Annual Capital Expenditures	Align annual capital expenditures with data reported in recent investor presentations or financial filings. Total capital expenditures should reflect all investments made at the company level (i.e., parent level or operating company) for which other data (e.g., number of customers, emissions, etc.) is reported. A capital expenditure is the use of function a swamption of a liability in order to obtain physical assets that are to be used for productive purpose for at least one year. This type of expenditure is made in order to expand the productive or competitive posture of a business.	Nominal Dollars	Annual	Accounting Tools, C&A, http://www.accountingtools.com/questions-and-answers/what-is-a-capital-expenditure.html
3.2					
	Incremental Annual Electricity Savings from EE Measures (MWth)	Incremental Annual Electricity, Sirvings for the reporting year as reported to EL Ann Form \$5.1. Incremental Annual Savings for the reporting year or those changes in energy use caused to the current reporting year by (1) new participants in OSM programs that operated in the previous reporting year, and [2] participants in new DSM programs that the perated for the first time in the current reporting year. A "New program" is approagn for which the reporting year is the first year the program achieved savings, regardless of when program development and expenditures began.	MWh	End of Year	U.S. Energy Information Administration, Form EIA-861 Annual Electric Power Industry Report Instructions. Available at: www.eia.gov/survey/form/eia_861/instructions.pdf.
3.3	Incremental Annual Electricity Savings from EE Measures (MWh) Incremental Annual Investment in Electric EE Programs (nominal dollars)	for the reporting year are those changes in energy use caused in the current reporting year by; (1) new participants in DSM programs that operated in the previous reporting year, and (2) participants in new DSM programs that operated for the first time in the current reporting year. A "New program" is a program for which the reporting year is the first year the	MWh Nominal Dollars	End of Year End of Year	Electric Power Industry Report Instructions. Available at:
3.3		for the reporting year are those changes in energy use caused in the current reporting year by (1) pre-participants in DSM regress that operates that per vision comprising year, and (2) precipionals in the DSM reporting year. A They program that operation years that operate for the first time in the current reporting year. A They program is a program for which the reporting year is the first year the program not evolvene in all dependents began. Total annual investment in electric energy efficiency programs as reported to EIA on Form 861. Electric customer counts should be aligned with the data provided to EIA on Form 861. Sales to Utility Customers.			Electric Power Industry Report Instructions. Available at: www.eia.gov/survey/form/eia_861/instructions.pdf. U.S. Energy Information Administration, Form EIA-861 Annual Electric Power Industry Report Instructions. Available at:
	Incremental Annual Investment in Electric EE Programs (nominal dollars)	for the reporting year are those changes in emergy use caused in the current reporting year by (1) laws participants in DSM regrams that operated in the previour promiting year, and 1) practicants in the work programs that operated for the first time in the current reporting year. A Teve program is a program chieve which the reporting year is the first year the program necessive staying, regradued on where program necessive many the program and expenditures they gear an extended to the program and expenditures. Total annual investment in electric energy efficiency programs as reported to EIA on Form 861. Electric customer counts should be aligned with the data provided to EIA on Form 861. Sales to Utility Customers. An energy consuming sector that consists of service providing facilities and equipment of businesses; referral, Sales, and local governments, and other private and public organizations, but has religious, scolar, or infrared group for the connection sector includes institutional lines quarters. It also includes sewage treatment facilities. Common uses of energy associated with this sector includes pance heating, and conditioning, lighting, refrigeration, cooking, and muning a wide variety of other equipment. Due to Tax Sector includes generations that produce electricity and/or useful thermal output primarily to support, the activities of the above mentioned common cell establishments.			Electric Power Industry Report Instructions. Available at www.eia.gov/survey/form/eia_661/instructions.pdf. U.S. Energy Information Administration, Form El-MeSI Annual Electric Power Industry Report Instructions. Available at www.eia.gov/survey/form/eia_651/instructions.pdf. U.S. Energy Information Administration, Form El-MeSI Annual Electric Power Industry Report Instructions. Available at:
4	Incremental Annual Investment in Electric EE Programs (nominal dollars) Retail Electric Customer Count (at end of year)	for the reporting year are those changes in energy use caused in the current reporting year by (1) pre-participants in DSM regress that per posted reporting year, and (1) pre-participants in the programs that operate of the first time in the current reporting year. A They program is a program for a program for the profit year is the first year the program network unity, regardless of when program and eventure and expenditures they are the program and eventure and expenditures they are the program and eventure and expenditures they are the program and expenditures and expenditures they are the program and expenditures and expenditures they are the program and expenditures. Total annual investment in electric energy efficiency programs as reported to EIA on Form 861. Sales to Utility Customers. An energy-consuming sector that consists of service providing facilities and equipment of businesses, Federal, Sales, and local governments, and other private and public organizations, but is religious, social, or faterand group. The commercial sector includes institutional living quarters. It also includes sexage treatment facilities. Common uses of energy associated with this sector includes pack belong, when the lessing is concluding, lighting, refringering, cooking, and muning a wide with this sector includes pack belong when the lessing is concluding, lighting, refringer, cooking, and muning a wide with this sector is largely on the process here and cooling and powering a vaccinity of the requirement of the subset of the above mentioned commercial existence (MACS Code 23). Overall energy use in this sector is largely for process here and cooling and powering machinery, with season and the above mentioned control cooking and muning machinery, with a sector of the cooking of the process here and cooling and powering machinery, with a munified to the above mentioned control cooking and munified for sectoral coverage.	Nominal Dollars Number of end-use retail customers receiving electricity (individual homes and businesses count as one). Number of end-use retail customers receiving electricity (individual homes and businesses count as one).	End of Year	Electic Power Industry Report Instructions. Available at: www.eia gov/survey/form/eia_561/instructions.pdf. U.S. Energy Information Administration, Form ELA-861 Annual Electic Power Industry Report Instructions. Available at: www.eia_gov/survey/form/eia_561/instructions. Available at: U.S. Energy Information Administration, Form ELA-861 Annual Electic Power Industry Report Instructions. Available at: www.eia_gov/survey/form/eia_561/instructions.pdf.
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44 41 42 43 5 5 51 511 5112 512 512 512 512 512 512	Incremental Annual Investment in Electric EE Programs (nominal dollars) Retail Electric Customer Count (at end of year) Commercial Industrial Residential Emissions GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e) Owned Generation Carbon Dioxide (CO2) Total Owned Generation CO2 Emissions Intensity Carbon Dioxide Equivalent (CO2e) Total Owned Generation CO2 Emissions Intensity Carbon Dioxide Equivalent (CO2e) Total Owned Generation CO2e Emissions Intensity Carbon Dioxide Equivalent (CO2e) Total Owned Generation CO2e Emissions Intensity Purchased Power Carbon Dioxide (CO2)	for the reporting year are those changes in energy use caused in the current reporting year by (1) pre-participants in DSM reportments are presented in the previous reporting year, and 1) precipants in an event programs that operated for the first time in the current reporting year. A T-New program is a program for a profit program shall provide the first time in the current reporting year. A T-New program is a program for which the reporting year is the first year the program schedulers despite, regardless of their program schedulers despite. Total annual investment in electric energy efficiency programs as reported to EIA on Form 851. Electric customer counts should be aligned with the data provided to EIA on Form 851. Sales to Utility Customers. An energy-consuming sector that consists of service providing facilities and equipment of businesses, Federal, Sade, and bocal governments; and other private and public organizations, but her regions, tocally referred proper, in the conference of the confere	Nominal Dollars Number of end-use retail customers receiving electricity (individual homes and businesses count as one). Number of end-use retail customers receiving electricity (individual homes and businesses count as one). Number of end-use retail customers receiving electricity (individual homes and businesses count as one). Number of end-use retail customers receiving electricity (individual homes and businesses count as one). Metric Tons Metric Tons/Net MWh	End of Year End of Year End of Year Annual Annual Annual	Service Power Industry Report Instructions. Available as: www.ea.gov/hury/lom/eia.gbG/instructions.pdf. U.S. Energy Information Administration, Form ELA-BGI. Annual Electric Power Industry Report Instructions. Available as: www.eia.gov/hury/lom/eia.gbG/instructions.pdf. U.S. Energy Information Administration, Form ELA-BGI Annual Electric Power Industry Report Instructions. Form ELA-BGI Annual Electric Power Industry Report Instructions. Available as: www.eia.gov/hury/lom/eia.gbG/instructions.pdf. U.S. Energy Information Administration, Online Glossory, https://www.eia.gov/hools/glossary/. U.S. Environmental Protection Agency, Greenhouse Gos Reporting Program (40 CPR, part 5%, Subparts C and D).

Definitions for Electric Company ESG/Sustainability Metrics

5.3.1 C 5.3.1.1 5.3.1.2 5.3.2 C 5.3.2.1 5.3.2.2	Total Purchased Generation CO2e Emissions Total Purchased Generation CO2e Emissions Total Purchased Generation CO2e Emissions Intensity med Generation - Purchased Power Carbon Doubed (CO) Total Oumed - Purchased Generation CO2 Emissions Total Oumed - Purchased Generation CO2 Emissions Carbon Doubed (CO) Carbon Doubed (CO) Carbon Doubed (CO) Total Oumed - Purchased Generation CO2 Emissions Intensity Carbon Doubed Equivalent (CO2e) Total Oumed - Purchased Generation CO2e Emissions	Definition Purchased power CD2e emissions should be calculated using the most relevant and accurate of the following methods: (1) For direct purchases, such as PM4, use the direct emissions data as reported to EPA. SO/RTO-been emission factors - Cornate Registry emission factors - Crimate Registry emission factors - Crimate Registry emission factors - Edd emission factors Total purchased power CD2e emissions for \$5.2.1, divided by total MWN of <u>purchased</u> net generation reported in the URINY portfolio section.	Units Reported in Metric Tons	Time Period (if applicable)	Reference to Source (if applicable)
5.2.2.2 5.3 Own 5.3.1 C 5.3.1.1 5.3.1.2 5.3.2 C 5.3.2.1 5.3.2.2	Total Purchased Generation CO2e Emissions Intensity med Generation - Purchased Power Cushen Disorder (CO2) Total Owned - Purchased Generation CO2 Emissions Total Owned - Purchased Generation CO2 Emissions Intensity Carbon Disorder (Guident (CO2e)	(I) For direct purchases, such as PNAs, use the direct emissions data as reported to EPA. [1] For market purchases where emissions abbuts are unknown, use applicable regional or national emissions rate: - ISO/RTO-level emission factors - Climate Registry emission fac	Metric Tons		
5.3 Own 5.3.1 C 5.3.1.1 5.3.1.2 5.3.2 C 5.3.2.1 5.3.2.2	read Edineration - Purchased Bower Control Disolet (COI) Total Owned + Purchased Generation CO2 Emissions Total Owned + Purchased Generation CO2 Emissions Intensity Carbon Disolet Equipment (CO2)				
5.3.1 C 5.3.1.1 5.3.1.2 5.3.2 C 5.3.2.1 5.3.2.2	Carbon Dioxide (CD2) Total Owned + Purchased Generation CD2 Emissions Total Owned + Purchased Generation CD2 Emissions Intensity Carbon Dioxide Equivalent (CD2e)		Metric Tons/Net MWh	Annual	
5.3.1.2 5.3.2 5.3.2.1 5.3.2.2	Total Owned + Purchased Generation CO2 Emissions Intensity Carbon Dioxide Equivalent (CO2e)	Sum of total CO2 emissions reported under 5.1.1.1 and 5.2.1.1.	Metric Tons	Annual	
5.3.2.1 5.3.2.2		Total emissions from 5.3.1.1, divided by total MWh of <u>owned and purchased</u> net generation reported in the Utility Portfolio section.	Metric Tons/Net MWh	Annual	
5.3.2.2					
	Total Owned + Purchased Generation CO2e Emissions Total Owned + Purchased Generation CO2e Emissions Intensity	Sum of total CO2e emissions reported under 5.1.2.1 and 5.2.2.1. Total emissions from 5.3.2.1, divided by total MWh of <u>owned and purchased</u> net generation reported in the Utility	Metric Tons Metric Tons/Net MWh	Annual	
5.4 NON	n-Generation CO2e Emissions of Sulfur Hexafluoride (SF6)	Portfolio section.	,		
5.4.1 T	Total CO2e emissions of SF6	Total CO2e emissions of SF6 in accordance with EPA's GHG Reporting Program (40 CFR Part 98, Subpart DD).	Pounds (lbs)	Annual	U.S. Environmental Protection Agency, Greenhouse Gas Reporting Program (40 CFR, part 98, Subpart DD).
5.4.2 L	Leak rate of CO2e emissions of SF6	Leak rate of CO2e emissions of SF6 in accordance with EPA's GHG Reporting Program (40 CFR Part 98, Subpart DD)	Pounds/Net MWh	Annual	U.S. Environmental Protection Agency, Greenhouse Gas Reporting Program (40 CFR, part 98, Subpart DD).
6 Nitroge	gen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)				
		Indicate the generation basis for calculating SO2, NOx, and Hg emissions and intensity. Fossil Fuel Generation Only			
	neration basis for calculation crogen Oxide (NOx)	Total: Total System Generation Other: Other (please specify in comment section)			
-	Total NOx Emissions	Total NOx emissions from company equity-owned fossil fuel combustion generation. In accordance with EPA's Acid Rain Reporting Program (40 CFR, part 75) or regulatory equivalent.	Metric Tons	Annual	U.S. Environmental Protection Agency, Acid Rain Reporting Program (40 CFR, part 75).
	Total NOx Emissions Intensity Ifur Dioxide (SO2)	Total from above, divided by the MWh of generation basis as indicated in 6.1.	Metric Tons/Net MWh	Annual	
-	Total SO2 Emissions	Total SO2 emissions from company equity-owned fossil fuel combustion generation. In accordance with EPA's Acid Rain Reporting Program (40 CFR, part 75) or regulatory equivalent.	Metric Tons	Annual	U.S. Environmental Protection Agency, Acid Rain Reporting Program (40 CFR, part 75).
	Total SO2 Emissions Intensity	Total from above, divided by the MWh of generation basis as indicated in 6.1.	Metric Tons/Net MWh	Annual	Program (40 CPR, part 73).
-	Total Hg Emissions	Total Mercury emissions from company equity-owned fossil fuel combustion generation. Preferred methods of measurement are performance-based, direct measurement as outlined in the EPA Mercury and Air Toxics Standard (MATS). In the absence of performance-based measures, report value aligned with Toxics. Release Inventory (TRI) or	Kilograms	Annual	EPRI, Metrics to Benchmark Electric Power Company Sustainability Performance, 2018 Technical Report.
6.4.2 T	Total Hg Emissions Intensity	regulatory equivalent for international operations. Total from above, divided by the MWh of generation basis as indicated in 6.1.	Kilograms/Net MWh	Annual	
	purces		_		
	n Resources				
7.1 Tota	tal Number of Employees	Average number of employees over the year. To stakulate the annual average number of employees: [1] activate the total number of employees; court stablements and point of all periods. And the number of employees; court stablements paid in every pay period during the data year. Court all employees that you paid at any time during the year and include full-time, every pay resonant, statistical and horsely workers. Note that pay periods could be monthly weedly, believedly, and so on; [2] bodie the total number of employees (finent sep 1) by the number of pay periods your establishment had not seen to the pay of	Number of Employees	Annual	U.S. Department of Labor, Bureau of Labor Statistics, Steps to estimate annual average number of employees, www.bis.gov/respondents/if/annualswgbours.htm. EPRI, Metrics to Benchmark Electric Power Company Sustainability Performance, 2018 Technical Report.
7.2 Perc	rcentage of Women in Total Workforce	Percentage of women (defined as employees who identify as female) in workforce.	Percent of Employees	Annual	U.S. Equal Employment Opportunity Commission, EEO Terminology, www.archives.gov/eeo/terminology.html. EPRI, Metrics to Benchmark Electric Power Company Sustainability Performance, 2018 Technical Report.
7.3 Perc	rcentage of Minorities in Total Workforce	Percentage of minorities in workforce. Minority employees are defined as "the smaller part of a group. A group within a country or state that differs in ruc, religion or national origin from the dominant group. Minority is used to mean four particular groups who there a ruce, color or national origin." These groups are "(1) international from Athlete. A person having origin in any off the original particular particular properties of the first and the properties of the properties of the first fast, Southeast Asia, India, or the profice blands. These areas include, for example, Office, India, India, or the Per Philippine Islands, and Samoo, (1) Black (except Hispanic). A person having origins in any of the black racial groups of Africa, (6) Hispanic A person of Mexican, Purot Rose, Cuban, Certain 2 or South American, or India Spanish Culture or only regardles of race."	Percent of Employees	Annual	regionmante, 2018 i termina neport. U.S. Equal Employment Opportunity Commission, EED Terminology, were actives groylero/ferminology. Intril. EPRI, feed for the commission of the commission
7.4 Tota	tal Number of Board of Directors/Trustees	Average number of employees on the Board of Directors/Trustees over the year.	Number of Employees	Annual	U.S. Equal Employment Opportunity Commission, EEO
7.5 Perc	rcentage of Women on Board of Directors/Trustees	Percentage of women (defined as employees who identify as female) on Board of Directors/Trustees.	Percent of Employees	Annual	Terminology, www.archives.gov/eeo/terminology.html. EPRI, Metrics to Benchmark Electric Power Company Sustainability
	rcentage of Minorities on Board of Directors/Trustees	Percentage of minorities on Board of Directors/Trustees. Minority employees are defined as "the smaller part of a group. A group within a country or state that differs in race, religion or national origin from the dominist group, Minority is used to mean four particular groups who that we are, color or station origin. These groups are "LI) American Indian or Alaskan Native. A person having origin in any of the original peoples of North America, and who maintain their culture through a tribe or community. (D) Asian or Potic Lindard. A people having origin in any of the beginning or of the original people of the far East, Somheast Alas, India, or the Potic Lindard. These areas include, for campin, Clinia, India, fores, the Philippine (Application of the Control	Percent of Employees	Annual	Performance, 2018 Technical Report. U.S. Equal Employment Opportunity Commission, EEO Terminology, www.archives.gov/eeo/terminology.html. EPRI, Metrics to Benchmark Exteric Power Company Sustainability Performance, 2018 Technical Report.
7.7.1 F	Recordable Incident Rate	Number of injuries or limeses s 200,000 / Number of remployee bloor hours worked. Injury or limes is recordable if it results in any of the following cleath, sign way from work, restricted work or trainfer to another job, medial treatment beyond first aid, or loss of consciousness. You must also consider a case to meet the general recording criteria if it involves a significant injury or limes diagnosed by application or other General health care protessoral, even if it does not result in cleath, days away from work, restricted work or job trainfer, medical treatment beyond first aid, or loss of consciousness. Record the injuries and illnessor all all enoughees on your paprol, whether they are blow, executive, hourly, skainy, partitine, seasonal, or migrant workers. You also must record the recordable injuries and illnesses that occur to employees who are not on your partitine, years only the supervision of the contractive injuries is originated as proprieted purposes. For temporary employees, you must record the enjuries and illnesses of all enough the probability of the contractor's employees in our partitions are not considered employees for recordiespe purposes. For temporary employees, you must record the enjuries and illnesses of it you supervisite on the employees of your partitions in the contractor's employees in use in the contractor's responsible for recording the injury or illness.	Percent	Annual	U.S. Department of Labor, Occupational Health and Safety Administration, OSHA Recordable Incidents. EPIS, Metrics to Assessment Excitor Power Company Sostalmobility Performance, 2015 Technical Report. U.S. Department of Labor, Occupational Health and Safety
7.7.2 L	Lost-time Case Rate	of the company as defined for the "recordable incident rate for employees" metric. A lost-time incident is one that resulted in an employee's inability to work the next full work day.	Percent	Annual	Administration, OSHA Recordable Incidents. EPRI, Metrics to Benchmark Electric Power Company Sustainability Performance, 2018 Technical Report. U.S. Department of Labor, Occupational Health and Safety
7.7.3	Days Away, Restricted, and Transfer (DART) Rate	Calculated as: Total number of DART incidents x 20(0,000 / Number of employee labor hours worked. A DART incident is one in which there were one or more lost days or one or or more restricted days, or one that resulted in an employee transferring to a different job within the company. Total employee fatalities. Record for all employees on your payroll, whether they are labor, executive, hourly, salary, part-	Percent	Annual	Administration, OSHA Recordable Incidents. EPRI, Metrics to Benchmark Sustainability Performance for the Electric Power Industry, 2018 Technical Report. U.S. Department of Labor, Occupational Health and Safety
7.7.4 V	Work-related Fatalities	Total employee fatalities. Record for all employees on your payroll, whether they are labor, executive, hourly, salary, part- time, seasonal, or migrant workers, include fatalities to those that occur to employees who are not on your payrolf if you supervise these employees on a day-to-day basis. For temporary employees, report fatalities if you supervise these employees on a day-to-day basis.	Number of Employees	Annual	U.S. Department of Labor, Occupational Health and Safety Administration, OSHA Recordable Incidents. EPRI, Metrics to Benchmark Electric Power Company Sustainability Performance, 2018 Technical Report.
8 Fresh V	Water Resources used in Thermal Power Generation Activities				
	ster Withdrawals - Consumptive (Millions of Gallons)	Amount of freshwater consumed for use in thermal generation. "Freshwater" includes water sourced from fresh surface water, groundwater, rian water, and feeth manicipal water. Do NOT include recycled, reclaimed, or gar water. Water consumption is defined as water that is not returned to the original water source after being withdrawn, including evaporation to the atmosphere.	Millions of Gallons	Annual	Partially sourced from EPRI, Metrics to Benchmark Electric Power Company Sustainability Performance, 2018 Technical Report.
8.2 Wat	ster Withdrawals - Non-Consumptive (Millions of Gallons)	Amount of feelh water withdrawn, but not consumed, for use in thermal generation. "Feelhwater" includes water sourced from fresh surface water, groundwater, rain water, and fresh municipal water. Do NOT include recycled, retained, or gray water. Information on organizational water withdrawal may be drawn from water meters, water bills, calculations derived from other available water data or (if neither water meters nor bills or reference data exist) the organization's own estimates.	Millions of Gallons	Annual	Partially sourced from EPRI, Metrics to Benchmark Electric Power Company Sustainability Performance, 2018 Technical Report.
8.3 Wat	ater Withdrawals - Consumptive Rate (Millions of Gallons/Net MWh)	Rate of rehwater consumed for use in thermal generation. "Freshwater" includes water sourced from fresh surface water, groundwater, in water, and fresh municipal water. Do Ni OnLache recycles, reclaimed, or gray water. Water consumption is defined as water that is not returned to the original water source after being withdrawn, including evaporation to the atmosphere. Divide millions of gillions by equity-owned total net generation from all equity-owned net exterting generations as reported under Metric 2, Net Generation for the data year (White).	Millions of Gallons/Net MWh	Annual	Partially sourced from EPRI, Metrics to Benchmark Electric Power Company Sustainability Performance, 2018 Technical Report.
8.4 Wat	nter Withdrawals - Non-Consumptive Rate (Millions of Gallons/Net MWh)	Rate of fresh water wishdrawn, but not consumed, for use in thermal generation. Freshwater includes water sourced from fresh surface water, groundwater, and water, and fresh municipal water, bo RDI robust precised, expray water. Information on organizational water withdrawa may be drawn from water meters, water bits, calculations derived from other available water data of if inchive water meters on bits or reference data exall the organization's own estimates. Divide millions of galons by equity-owned total net generation from all equity-owned net electric generation as responded under Mexic?. A NE Generation for the data year (MONT).	Millions of Gallons/Net MWh	Annual	Partially sourced from EPRI, Metrics to Benchmark Electric Power Company Sustainability Performance, 2018 Technical Report.
9 Waste	Products	and the second s			
	nount of Hazardous Waste Manifested for Disposal	Metric tors of hazardous waste, a defined by the Resource Conservation and Recovery Act (RCAR), manifested for disposal at a Textiment Storage and Disposal (CST) facility. Methods of disposal include of people in John (Silvariane inpoundment, waste pile, and fand treatment units. Nasardous wastes include either listed wastes (F, F p and U list) or characteristics wastes (united wastes with charbid is tasked ones wastes include either listed wastes (F, F p and U list) or characteristics wastes (united wastes which charbid is tasked ones of the characteristics wastes (united wastes) resolving characteristics wastes (probability, corosivity, restrivity, toxicity), include hazardous waste from all company operations including generation, transmissions, distribution, and other operations.	Metric Tons	Annual	Partially sourced from EPRI, Metrics to Benchmark Electric Power Company Sustainability Performance, 2018 Technical Report.
9.2 Perc	rcent of Coal Combustion Products Beneficially Used	Percent of coal combustion products (CP3)—Ry with, botter sals, boiler siag, the gas desulfurization materials, scrubber bi- product—diverted from disposal in beneficial uses, including groups cold. Incube any CPP that is generated using the data year and stored for beneficial use in a future year. Only include CCP generated at company equity-owned facilities. If no weight data are available, estimate the weight using available information on waste density and volume collected, mass balances, or similar information.	Percent	Annual	Partially sourced from EPRI, Metrics to Benchmark Electric Power Company Sustainability Performance, 2018 Technical Report.



WEC Energy Group ESG/Sustainability Quantitative Information

Parent Company: WEC Energy Group
Operating Company(s): WEC Energy Group
ESG/Sustainability Quantitative Information
Business Type(s): Natural gas storage and distribution
State(s) of Operation: Wisconsin, Illinois, Minnesota and Michigan
Regulatory Environment: Regulated
12/23/2024
Note: Data from from operating companies is rolled up to the corporate level.

	Prior Year	Last Year	Current Year	
	2021	2022	2023	Definitions
atural Gas Distribution				
				All methane leak sources per 98.232 (i) (1-6) are included for Distribution.
				Combustion sources are excluded. CO 2 is excluded.
METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS				
lumber of Gas Distribution Customers	2,962,000	2,982,000	3,011,000	Total natural gas customers of WEC Energy Group
distribution Mains in Service				
Plastic (miles)	27,280	27,715	28,164	WEC Energy Group natural gas distribution companies that are above the LDC Facility reporting threshold for
athodically Protected Steel - Bare & Coated (miles)	11,087	10,964	10,820	EPA's 40 C.F.R. 98, Subpart W reporting rule.
Inprotected Steel - Bare & Coated (miles)	0.38	0.46	0.39	
ast Iron / Wrought Iron - without upgrades (miles)	1,199	1,158	1,114	
Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)				
Inprotected Steel (Bare & Coated) (# years to complete)	3	2		The Peoples Gas commitment under the US EPA's Methane Challenge Program replace itds remaining iron natural ga
har the transfer of the transf				mains at an annual rate of at least 2% for five years, beginning in 2017. Commitment extended by 3 years in 2021. The
Cast Iron / Wrought Iron (# years to complete)	3	2		program was sunsetted by EPA in 2024 with final data collection being RY2022.
Distribution CO2e Fugitive Emissions				
CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	318,008	313,297	311,960	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	12,720	12,532	12,478	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	663	653	650	
				This metric provides gas throughput from distribution (quantity of natural gas delivered to end users) reported unde
Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	596,501,353	641,547,078	602,104,888	Subpart W, 40 C.F.R. 98.236(aa)(9)(iv), as reported on the Subpart W e-GRRT integrated reporting form in the "Facility
Annual Natural Gas Throughput from Gas Distribution Operations in thousands or standard cubic feet (wisc)/year j	390,301,333	041,347,076	002,104,000	Overview" worksheet Excel form, Quantity of natural gas delivered to end users (column 4).
Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)	566,676	609,470	602,105	
Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.12%	0.11%	0.11%	Calculated annual metric: (MMSCF methane emissions/MMSCF methane throughput)
Natural Gas Transmission and Storage				
Natural das transmission and Storage				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 ₂ and N ₂ O are
				excluded.
Underground Natural Gas Storage Methane Emissions				Fugitive Methane emissions as defined in 40 CFR 98 Sub W Section 232 (f) (1-8), CO2 and N2O emissions are exclude
				from this section.
Pneumatic Device Venting (metric tons/year)	367.5	157.8	154.4	Value reported using calculation in 40 CFR 98 Sub W Section 236(b)(4)
Flare Stack Emissions (metric tons/year)	0.0	0.0	0.0	Value reported using calculation in 40 CFR 98 Sub W Section 236(n)(11)
Centrifugal Compressor Venting (metric tons/year)		0.0	0.0	Value reported using calculation in 40 CFR 98 Sub W Section 236(o)(2)(ii)(D)(2)
	0.0			
	4.2	0.0	0.0	Value reported using calculation in 40 CFR 98 Sub W Section 236(p)(2)(ii)(D)(2)
Reciprocating Compressor Venting (metric tons/year)				Value reported using calculation in 40 CFR 98 Sub W Section 236(p)(2)(ii)(D)(2) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)
Reciprocating Compressor Venting (metric tons/year) Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)	4.2	0.0	0.0	
Reciprocating Compressor Venting (metric tons/year) Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year) Uther Equipment Leaks (metric tons/year)	4.2 100.4	0.0 156.6	0.0 81.2	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)
Reciprocating Compressor Venting (metric tons/year) quipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year) ther Equipment Leaks (metric tons/year) quipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads	4.2 100.4 0.0	0.0 156.6 0.0	0.0 81.2 0.0	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)
Reciprocating Compressor Venting (metric tons/year) quipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year) ther Equipment Leaks (metric tons/year) quipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads there equipment leaks from components associated with storage wellheads (metric tons/year)	4.2 100.4 0.0 0.0	0.0 156.6 0.0 0.0	0.0 81.2 0.0 0.0	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)[2](v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)[2](v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)[2](v)
Redpriorating Compressor Venting (metric tons/year) quipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year) ther Equipment Leaks (metric tons/year) quipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads obtal Storage Compression Methane Emissions (metric tons/year)	4.2 100.4 0.0 0.0 0.0	0.0 156.6 0.0 0.0 0.0	0.0 81.2 0.0 0.0 0.0	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)[2](v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)[2](v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)[2](v)
Reciprocating Compressor Venting (metric tons/year) quipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year) 2 ther Equipment teaks (metric tons/year) quipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads Their equipment leaks from components associated with storage wellheads (metric tons/year) Otal Storage Compression Methane Emissions (metric tons/year) Otal Storage Compression Methane Emissions (CdSe/year)	4.2 100.4 0.0 0.0 0.0 472.1	0.0 156.6 0.0 0.0 0.0 314.4	0.0 81.2 0.0 0.0 0.0 235.6	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v)
Reciprocating Compressor Venting (metric tons/year) quipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year) ther Equipment leaks (metric tons/year) quipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads ther equipment leaks from components associated with storage wellheads (metric tons/year) oral Storage Compression Methane Emissions (CDE/year) oral Storage Compression Methane Emissions (CDE/year) oral Storage Compression Methane Emissions (CDE/year)	4.2 100.4 0.0 0.0 0.0 472.1 11,802.8	0.0 156.6 0.0 0.0 0.0 314.4 7,860.0	0.0 81.2 0.0 0.0 0.0 235.6 5,889.8	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)[2](v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)[2](v) Value reported using calculation and CFR 98 Sub W Section 236(q)[2](v) Value reported using calculation in 40 CFR 98 Sub W Section 232(q)[2](v)
Reciprocating Compressor Venting (metric tons/year) cupinpent leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year) Ther Equipment Leaks (metric tons/year) cupinpent leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads Ther equipment leaks from components associated with storage wellheads (metric tons/year) Total Storage Compression Methane Emissions (metric tons/year) Total Storage Compression Methane Emissions (Cag(2e/year) Total Storage Compression Methane Emissions (MSCE/year)	4.2 100.4 0.0 0.0 0.0 472.1 11,802.8 24,589.1	0.0 156.6 0.0 0.0 0.0 314.4 7,860.0 16,375.0	0.0 81.2 0.0 0.0 0.0 235.6 5,889.8 12,270.3	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)[2](v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)[2](v) Value reported using calculation and CFR 98 Sub W Section 236(q)[2](v) Value reported using calculation in 40 CFR 98 Sub W Section 232(q)[2](v)
Reciprocating Compressor Venting (metric tons/year) Cquipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year) Cquipment leaks (metric tons/year) Equipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads Other equipment leaks from components associated with storage wellheads (metric tons/year) Total Storage Compression Methane Emissions (metric tons/year) Total Storage Compression Methane Emissions (COZe/year) Total Storage Compression Methane Emissions (MSCF/year) Summary and Metrics Total Transmission and Storage Methane Emissions (MMSCF/year)	4.2 100.4 0.0 0.0 0.0 472.1 11,802.8 24,589.1	0.0 156.6 0.0 0.0 0.0 314.4 7,860.0 16,375.0	0.0 81.2 0.0 0.0 0.0 235.6 5,889.8 12,270.3	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)2](v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)2](v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)2](v) Value reported using calculation in 40 CFR 98 Sub W Section 232(q)2](v) Density of Methane = 0.0192 kg/ft3 per 40 CFR Sub W EQ. W-36
Reciprocating Compressor Venting (metric tons/year) Ciquipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year) Ciquipment leaks from valves, connectors, open ended lines, and pressure relief valves associated with storage wellheads Ciquipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads Total Storage Compression Methane Emissions (Cog-Gylvera) Total Storage Compression Methane Emissions (Cog-Gylvera) Total Storage Compression Methane Emissions (MSCF/year) Summary and Metrics Total Transmission and Storage Methane Emissions (MMSCF/year) Annual Natural Gas Throughput from Gas Transmission and Storage Operations (MSCF/year)	4.2 100.4 0.0 0.0 0.0 472.1 11,802.8 24,589.1 24.6 28,715,000	0.0 156.6 0.0 0.0 0.0 314.4 7,860.0 16,375.0	0.0 81.2 0.0 0.0 0.0 235.6 5,889.8 12,270.3	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)2](v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)2](v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)2](v) Value reported using calculation in 40 CFR 98 Sub W Section 232(q)(2)(v) Density of Methane = 0.0192 kg/ft3 per 40 CFR Sub W EQ. W-36 Quantity of gas injected into storage in the calendar year [98.236(aa)(5)(i)]
Reciprocating Compressor Venting (metric tons/year) cquipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year) their Equipment Leaks (metric tons/year) cquipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads Other equipment leaks from components associated with storage wellheads (metric tons/year) Total Storage Compression Methane Emissions (metric tons/year) Total Storage Compression Methane Emissions (COZe/year) Total Storage Compression Methane Emissions (MSCF/year) Summary and Metrics Total Transmission and Storage Methane Emissions (MMSCF/year)	4.2 100.4 0.0 0.0 0.0 472.1 11,802.8 24,589.1	0.0 156.6 0.0 0.0 0.0 314.4 7,860.0 16,375.0	0.0 81.2 0.0 0.0 0.0 235.6 5,889.8 12,270.3	Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v) Value reported using calculation in 40 CFR 98 Sub W Section 236(q)(2)(v) Value reported using calculation in 40 CFR 98 Sub W Section 232(q)(2)(v) Density of Methane = 0.0192 kg/ft3 per 40 CFR Sub W EQ. W-36



Peoples Gas

Parent Company: Operating Company(s): Business Type(s): State(s) of Operation: Regulatory Environment: Regulatory Environment:

	Prior Year 2021	Last Year 2022	Current Year 2023	Definitions
	2021	2022	2023	Definitions
Natural Gas Distribution				
100.000				All methane leak sources per 98.232 (i) (1-6) are included
				for Distribution. Combustion sources are excluded. CO ,
				<u>is excluded.</u>
METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS				
Number of Gas Distribution Customers Distribution Mains in Service	880,000	884,000	891,000	
Plastic (miles)	2,296	2,385	2480	
Cathodically Protected Steel - Bare & Coated (miles)	1.139	1.135	1124	
Unprotected Steel - Bare & Coated (miles)	0.38	0.46	0.39	
Cast Iron / Wrought Iron - without upgrades (miles)	1,199	1,158	1114	
Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)				
Unprotected Steel (Bare & Coated) (# years to complete)	3	2		The Peoples Gas commitment under the US EPA's Methane Challenge Program
Cast Iron / Wrought Iron (# years to complete)	3	2		was to replace its remaining iron natural gas mains at an annual rate of at least 2% for five years, beginning in 2017. Commitment extended by 3 years in 2021. The
	,	2		program was sunsetted by EPA in 2024 with final data collection being RY2022.
Distribution CO2e Fugitive Emissions				
CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	158,661	153,631	149,762	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	6,346	6,145	5,990	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year) Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	331	320	312 147,661,460	
Annual Natural Gas I froughput from Gas Distribution Operations in thousands of standard cubic feet (<i>Mscf/year</i>) Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)	150,967,264 143,419	158,899,028 150,954	147,661,460	
Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.23%	0.21%	0.21%	
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Natural Gas Transmission and Storage				
Underground Natural Gas Storage Methane Emissions				
Pneumatic Device Venting (metric tons/year)	367.5	157.8	154.4	
Flare Stack Emissions (metric tons/year)	0	0	0	
Centrifugal Compressor Venting (metric tons/year) Reciprocating Compressor Venting (metric tons/year)	0 4.2	0	0	
Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)	100.4	156.6	81.2	
Other Equipment Leaks (metric tons/year)	0	0	0	
Equipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage				
wellheads (metric tons/year)	0	0	0	
Other equipment leaks from components associated with storage wellheads (metric tons/year)	0	0	0	
Total Storage Compression Methane Emissions (metric tons/year)	472.1	314.4	235.6	
Total Storage Compression Methane Emissions (metric tons CO2e/year)	11,802.8	7,860.0	5,889.8	
Total Storage Compression Methane Emissions (MSCF/year)	24,589.1	16,375.0	12,270.3	
Summary and Matrice				
Summary and Metrics Total Transmission and Storage Methane Emissions (MMSCF/year)	24.6	16.4	12.3	
Annual Natural Gas Throughput from Gas Transmission and Storage Operations (MSCF/year)	28,715,000.0	35,080,000.0	33,518,000.0	
Annual Methane Gas Throughput from Gas Transmission and Storage Operations (MMSCF/year)	27,279.3	33,326.0	33,518.0	
Methane Emissions Intensity Metric (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.09%	0.05%	0.04%	
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Wisconsin Electric Power Co. ESG/Sustainability Quantitative Information WEC Energy Group Wisconsin Electric Power Co., Gas Operations Natural gas distribution Wisconsin

Regulatory Environment: Report Date: Regulated 12/23/2024

Note: Data from from operating companies is rolled up to the corporate level.

	Prior Year 2021	Last Year 2022	Current Year 2023	Definitions
Natural Gas Distribution				
				All methane leak sources per 98.232 (i) (1-6) are included for Distribution. Combustion sources are excluded. CO 2 is excluded.
METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS				
Number of Gas Distribution Customers	500,000	505,000	511,000	
Distribution Mains in Service				
Plastic (miles)	6,671	6,741	6,807	
Cathodically Protected Steel - Bare & Coated (miles)	2,831	2,808	2,777	
Unprotected Steel - Bare & Coated (miles)	-	-	-	
Cast Iron / Wrought Iron - without upgrades (miles)	-	-	-	
Distribution CO2e Fugitive Emissions				
CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	42,288	42,609	43,589	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	1,692	1,704	1,744	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	88	89	91	
Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	84,307,342	96,152,888	82,591,440	
Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)	80,092	91,345	82,591	
Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.11%	0.10%	0.11%	Calculated annual metric: (MMSCF methane emissions/MMSCF methane throughput)

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Wisconsin Gas Co.

Parent Company: Operating Company(s): WEC Energy Group Operating Company(s): Wisconsin Gase Co. Business Type(s): Natural gas distribution State(s) of Operation: Wisconsin Regulatory Environment: Regulatory Environment: Regulatory Environment: 12/23/2024 Note: Data from from operating companies is rolled up to the corporate level.

	Prior Year	Last Year	Current Year	Definitions
Natural Gas Distribution				
				All methane leak sources per 98.232 (i) (1-6) are included for Distribution.
				Combustion sources are excluded. CO 2 is excluded.
METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS				
Number of Gas Distribution Customers	646,000	651,000	660,000	
Distribution Mains in Service				
Plastic (miles)	7,519	7,661	7,793	
Cathodically Protected Steel - Bare & Coated (miles)	4,198	4,150	4,093	
Unprotected Steel - Bare & Coated (miles)	0	0	0	
Cast Iron / Wrought Iron - without upgrades (miles)	0	0	0	
Distribution CO2e Fugitive Emissions				
CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	51,154	51,822	53,448	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	2,046	2,073	2,138	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	107	108	111	
Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	178,748,799	196,576,579	189,720,486	
Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)	169,811	186,748	189,720	
Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	0.06%	0.06%	0.06%	Calculated annual metric: (MMSCF methane emissions/MMSCF methane throughput)

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Wisconsin Public Service Corporation Parent Company: Operating Company(s): State(s) of Operation: Regulatory Environment: Regulatory Environment: Regulatory Environment: Resport Date: 12/23/2024 Note: Data from from operating companies is rolled up to the corporate level.

	Prior Year	Last Year	Current Year	
	2021	2022	2023	Definitions
Natural Gas Distribution				
				All methane leak sources per 98.232 (i) (1-6) are included for Distribution.
				Combustion sources are excluded. CO 2 is excluded.
METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS				
Number of Gas Distribution Customers	338,000	341,000	344,000	
Distribution Mains in Service				
Plastic (miles)	6,938	7,016	7,100	
Cathodically Protected Steel - Bare & Coated (miles)	1,489	1,454	1,425	
Unprotected Steel - Bare & Coated (miles)	0	0	0	
Cast Iron / Wrought Iron - without upgrades (miles)	0	0	0	
Distribution CO2e Fugitive Emissions				
CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	39,271	39,461	39,886	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	1,571	1,578	1,595	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	82	82	83	
Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	89,880,360	95,976,757	88,063,417	
Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)	85,386	91,178	88,063	
Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughout)	0.10%	0.09%	0.09%	Calculated annual metric: (MMSEC methane emissions/MMSCE methane throughout)

Fugitive Methane Emissions Rate (Percent MMscf of Meth © 2021 American Gas Association. All rights reserved.



Minnesota Energy Resources Parent Company: Operating Company(s): Business Type(s): State(s) of Operation: Regulatory Environment: Regulatory Environment: Regulatory Environment: Resport Date: 12/23/2024 Note: Data from from operating companies is rolled up to the corporate level.

	Prior Year 2021	Last Year 2022	Current Year 2023	Definitions
Natural Gas Distribution				
				All methane leak sources per 98.232 (i) (1-6) are included for Distribution. Combustion sources are excluded. CO 2 is excluded.
METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS Number of Gas Distribution Customers Distribution Mains in Service	246,000	248,000	251,000	
Plastic (miles) Cathodically Protected Steel - Bare & Coated (miles)	3,856 1.430	3,912 1,417	3,984 1,401	
Unprotected Steel - Bare & Coated (miles)	0	0	0	
Cast Iron / Wrought Iron - without upgrades (miles) Distribution CO2e Fugitive Emissions	0	0	0	
CO2e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	26,634	25,775	25,274	
CH4 Fugitive Methane Emissions from Gas Distribution Operations (metric tons) CH4 Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	1,065 55	1,031 54	1,011 53	
Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	92,597,588	93,941,826	94,068,085	
Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year) Fugitive Methane Emissions Rate (Percent MMscf of Methane Emissions per MMscf of Methane Throughput)	87,968 0.06%	89,245 0.06%	94,068 0.06%	Calculated annual metric: (MMSCF methane emissions/MMSCF methane throughput)

Cautionary statement regarding forward-looking information

In this report, we make statements concerning our expectations, beliefs, plans, objectives, goals, strategies, and future events or performance. These statements are "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Readers are cautioned not to place undue reliance on these forward-looking statements. Forward-looking statements may be identified by reference to a future period or periods or by the use of terms such as "anticipates," "believes," "could," "estimates," "expects," "forecasts," "goals," "guidance," "intends," "may," "objectives," "plans," "possible," "potential," "projects," "seeks," "should," "targets," "will," or variations of these terms.

Forward-looking statements include, among other things, statements concerning management's expectations and projections regarding social, environmental and climate strategies, policies and goals; completion of capital projects; sales and customer growth; environmental and other regulations, including associated compliance costs; legal proceedings; fuel costs; sources of electric energy supply; coal and natural gas deliveries; remediation costs; climate-related matters; capital resources; and other matters. Forward-looking statements are subject to a number of risks and uncertainties that could cause our actual results to differ materially from those expressed or implied in the statements. These risks and uncertainties include those described under "Risk Factors" in our Annual Report on Form 10-K for the year ended Dec. 31, 2023, and subsequent quarterly reports on Form 10-Q and those identified below:

- Factors affecting utility and non-utility energy infrastructure operations such as catastrophic weather-related damage, environmental incidents, unplanned facility outages and repairs and maintenance, and electric transmission or natural gas pipeline system constraints;
- Factors affecting the demand for electricity and natural gas, including
 political or regulatory developments; varying, adverse or unusually severe
 weather conditions, including those caused by climate change; changes in
 economic conditions; customer growth and declines; commodity prices;
 energy conservation efforts; and continued adoption of distributed
 generation by customers;
- The timing, resolution, and impact of rate cases and negotiations, including recovery of deferred and current costs and the ability to earn a reasonable return on investment, and other regulatory decisions impacting our regulated operations;
- The impact of federal, state and local legislative and/or regulatory changes, including changes in rate-setting policies or procedures, the results of recent or upcoming rate orders, deregulation and restructuring of the electric and/or natural gas utility industries, transmission or distribution system operation, the approval process for new construction, reliability standards, pipeline integrity and safety standards, allocation of energy assistance, energy efficiency mandates, electrification initiatives and other efforts to reduce the use of natural gas, and tax laws, including those that affect our ability to use production tax credits and investment tax credits, as well as changes in the interpretation and/or enforcement of any laws or regulations by regulatory agencies;
- Federal, state, and local legislative and regulatory changes relating to the
 environment, including climate change and other environmental regulations
 impacting generation facilities and renewable energy standards, the
 enforcement of these laws and regulations, changes in the interpretation of
 regulations or permit conditions by regulatory agencies, and the recovery of
 associated remediation and compliance costs;
- The ability to obtain and retain customers, including wholesale customers, due to increased competition in our electric and natural gas markets from retail choice and alternative electric suppliers, and continued industry consolidation:
- The timely completion of capital projects within budgets and the ability to recover the related costs through rates;
- The impact of changing expectations and demands of our customers, regulators, investors and other stakeholders, including focus on environmental, social and governance concerns;
- The risk of delays and shortages, and increased costs of equipment, materials or other resources that are critical to our business operations and corporate strategy, as a result of supply chain disruptions (including disruptions from rail congestion), inflation, tariffs, and other factors;
- The impact of public health crises, including epidemics and pandemics, on our business functions, financial condition, liquidity and results of operations;
- Factors affecting the implementation of our carbon dioxide emission and/or
 methane emission reduction goals and opportunities and actions related to
 those goals, including related regulatory decisions; the cost of materials,
 supplies and labor; technology advances; the feasibility of competing
 generation projects; and our ability to execute our capital plan;
- The financial and operational feasibility of taking more aggressive action to further reduce greenhouse gas emissions in order to limit future global

temperature increases:

- The risks associated with inflation and changing commodity prices, including natural gas and electricity;
- The availability and cost of sources of natural gas and other fossil fuels, purchased power, materials needed to operate environmental controls at our electric generating facilities, or water supply due to high demand, shortages, transportation problems, nonperformance by electric energy or natural gas suppliers under existing power purchase or natural gas supply contracts, or other developments;
- Any impacts on the global economy, including from sanctions, and impacts on supply chains and fuel prices, generally, from ongoing, escalating, or expanding regional conflicts, including those in Ukraine, Israel, and other parts of the Middle East;
- Changes in credit ratings, interest rates and our ability to access the capital markets, caused by volatility in the global credit markets, our capitalization structure, and market perceptions of the utility industry, us or any of our subsidiaries:
- Costs and effects of litigation, administrative proceedings, investigations, settlements, claims and inquiries;
- The direct or indirect effect on our business resulting from terrorist or other
 physical attacks and cybersecurity intrusions, as well as the threat of such
 incidents, including the failure to maintain the security of personally
 identifiable information, the associated costs to protect our utility assets,
 technology systems and personal information, and the costs to notify
 affected persons to mitigate their information security concerns and to
 comply with state notification laws;
- Restrictions imposed by various financing arrangements and regulatory
 requirements on the ability of our subsidiaries to transfer funds to us in the
 form of cash dividends, loans or advances that could prevent us from paying
 our common stock dividends, taxes, and other expenses, and meeting our
 debt obligations;
- The risk of financial loss, including increases in bad debt expense, associated with the inability of our customers, counterparties and affiliates to meet their obligations;
- Changes in the creditworthiness of the counterparties with whom we have contractual arrangements, including participants in the energy trading markets and fuel suppliers and transporters;
- The financial performance of American Transmission Co. LLC and its corresponding contribution to our earnings;
- The investment performance of our employee benefit plan assets, as well as unanticipated changes in related actuarial assumptions, which could impact future funding requirements;
- Factors affecting the employee workforce, including loss of key personnel, internal restructuring, work stoppages, and collective bargaining agreements and negotiations with union employees;
- Advances in technology, and related legislation or regulation supporting the use of that technology that result in competitive disadvantages and create the potential for impairment of existing assets;
- Risks related to our non-utility renewable energy facilities, including
 unfavorable weather, changes in the financial performance and/or
 creditworthiness of counterparties to the offtake agreements, changes in
 demand based on lower prices for alternative energy sources, the ability to
 replace expiring power purchase agreements under acceptable terms, risks
 of rights related to property on which our projects are located but we do not
 own, the availability of reliable interconnection and electricity grids, and
 exposure to the rules and procedures of the power markets in which these
 facilities are located;
- The risk associated with the values of goodwill and other long-lived assets, including intangible assets, and equity method investments, and their possible impairment;
- Potential business strategies to acquire and dispose of assets or businesses, or portions thereof, which cannot be assured to be completed timely or within budgets, and legislative or regulatory restrictions or caps on non-utility acquisitions, investments or projects, including the State of Wisconsin's public utility holding company law;
- The timing and outcome of any audits, disputes, and other proceedings related to taxes;
- The effect of accounting pronouncements issued periodically by standardsetting bodies; and
- Other considerations disclosed elsewhere herein and in reports we file with the Securities and Exchange Commission or in other publicly disseminated written documents.

Except as may be required by law, we expressly disclaim any obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.