



Electric Company ESG/Sustainability Quantitative Information

Parent Company: CenterPoint Energy, Inc.

Operating Company(s):

CenterPoint Energy, Inc.

Business Type(s):

Vertically Integrated Electric Utility and Natural Gas Local Distribution Company

State(s) of Operation:

Indiana, Texas

[Please see our Business section of the 2019 Form 10-K for a map of our operations](#)

State(s) with RPS Programs:

N/A

Regulatory Environment:

Both

Report Date:

9/15/2020

Ref. No.		2017	Last Year 2018	Current Year 2019	Comments, Links, Additional Information, and Notes
Portfolio					
1	Owned Nameplate Generation Capacity at end of year (MW)	1,248	1,252	1,167	<i>Based on CenterPoint Energy Installed Capacity Pre-2019 generation values in this report reflect Vectren power generation assets prior to their acquisition by CenterPoint Energy.</i>
1.1	Coal	1,000	1,000	1,000	
1.2	Natural Gas	245	245	160	
1.3	Nuclear				
1.4	Petroleum				
1.5	Total Renewable Energy Resources				
1.5.1	Biomass/Biogas	3	3	3	
1.5.2	Geothermal				
1.5.3	Hydroelectric		4	4	
1.5.4	Solar				
1.5.5	Wind				
1.6	Other				
Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options					
2	Net Generation for the data year (MWh)	4,577,763	5,292,147	4,627,288	<i>Based on CenterPoint Energy Installed Capacity Pre-2019 generation values in this report reflect Vectren power generation assets prior to their acquisition by CenterPoint Energy.</i>
2.1	Coal	4,538,667	5,238,660	4,587,228	
2.2	Natural Gas	27,426	42,624	21,863	
2.3	Nuclear				
2.4	Petroleum				
2.5	Total Renewable Energy Resources				
2.5.1	Biomass/Biogas	11,670	10,863	10,724	
2.5.2	Geothermal				
2.5.3	Hydroelectric				
2.5.4	Solar			7,473	
2.5.5	Wind				
2.6	Other				
Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options					
3	Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters				Please see our 2019 Annual Report <i>Report year 2017, 2018 is CenterPoint Energy prior to acquiring the assets of Vectren, 2019 reflects CenterPoint Energy combined company assets, excluding AFUDC Equity</i>
3.1	Total Annual Capital Expenditures (nominal dollars)	\$ 924,000,000	\$ 952,000,000	\$ 1,651,000,000	
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	183,439	162,440	260,265	
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	\$ 31,984,467	\$ 31,133,805	\$ 46,452,020	
3.4	Percent of Total Electric Customers with Smart Meters (at end of year)	99%	99%	99%	
4	Retail Electric Customer Count (at end of year)	2,444,299	2,485,370	2,682,228	<i>2019 Commercial/Industrial accounts are combined.</i>
4.1	Commercial	278,179	285,093	310,093	
4.2	Industrial	2,047	2,052		
4.3	Residential	2,164,073	2,198,225	2,372,135	



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State(s) with RPS Programs: N/A

Regulatory Environment: Both

Report Date: 9/15/2020

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Ref. No.	2017	Last Year 2018	Current Year 2019	Comments, Links, Additional Information, and Notes
Emissions				
5	GHG Emissions: Carbon Dioxide (CO ₂) and Carbon Dioxide Equivalent (CO ₂ e)			CenterPoint Energy is reporting on CO ₂ e as reported to the U. S. Environmental Protection Agency, Greenhouse Gas Reporting Program. Pre-2019 generation values in this report reflect Vectren power generation assets prior to their acquisition by CenterPoint Energy.
	4,757,971	5,467,178	5,255,638	
	<div style="border: 1px solid black; padding: 2px;"> Note: The alternatives available below are intended to provide flexibility in reporting GHG emissions, and should be used to the extent appropriate for each company. </div>			
5.1	Owned Generation (1) (2) (3)			
5.1.1	Carbon Dioxide (CO ₂)			
5.1.1.1	Total Owned Generation CO ₂ Emissions (MT)			
5.1.1.2	Total Owned Generation CO ₂ Emissions Intensity (MT/Net MWh)			
5.1.2	Carbon Dioxide Equivalent (CO ₂ e)			
5.1.2.1	Total Owned Generation CO ₂ e Emissions (MT)			
5.1.2.2	Total Owned Generation CO ₂ e Emissions Intensity (MT/Net MWh)			
	4,757,971	5,467,178	5,255,638	
	1.039	1.030	1.140	
5.4	Non-Generation CO₂e Emissions			CenterPoint Energy is reporting on CO ₂ e as reported to the U. S. Environmental Protection Agency, Greenhouse Gas Reporting Program. 2017-2019 SF ₆ emissions represent CenterPoint Energy Houston Electric, CenterPoint Energy. CenterPoint Energy Indiana does not exceed the US EPA GHG Reporting threshold for SF ₆ U. S. EPA, Greenhouse Gas Reporting Program(40 CFR, part 98, Subpart W) 2017- 2019 CenterPoint Energy Natural Gas LDC emission totals include assets in Indiana and Ohio acquired by CenterPoint Energy in 2019.
5.4.1	Fugitive CO ₂ e emissions of sulfur hexafluoride (MT) (5)			
5.4.2	Fugitive CO ₂ e emissions from natural gas distribution (MT) (6)			
	12,389	1,053	3,625	
	632,225	605,074	540,975	
6	Nitrogen Oxide (NO_x), Sulfur Dioxide (SO₂), Mercury (Hg)			
6.1	Generation basis for calculation (7)			
	Fossil			
6.2	Nitrogen Oxide (NO_x)			Pre-2019 generation values in this report reflect Vectren power generation assets prior to their acquisition by CenterPoint Energy.
6.2.1	Total NO _x Emissions (MT)			
6.2.2	Total NO _x Emissions Intensity (MT/Net MWh)			
	3,546	4,698	4,530	
	0.000775	0.000888	0.000979	
6.3	Sulfur Dioxide (SO₂)			Pre-2019 generation values in this report reflect Vectren power generation assets prior to their acquisition by CenterPoint Energy.
6.3.1	Total SO ₂ Emissions (MT)			
6.3.2	Total SO ₂ Emissions Intensity (MT/Net MWh)			
	5,043	5,480	4,643	
	0.001101	0.000953	0.001003	
6.4	Mercury (Hg)			Pre-2019 generation values in this report reflect Vectren power generation assets prior to their acquisition by CenterPoint Energy.
6.4.1	Total Hg Emissions (kg)			
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)			
	47.9	15.4	13.5	
	0.000010	0.000003	0.000003	

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



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State(s) with RPS Programs: N/A

Regulatory Environment: Both

Report Date: 9/15/2020

Ref. No.	2017	Last Year 2018	Current Year 2019	Comments, Links, Additional Information, and Notes
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Resources					
7	Human Resources			2017, 2018 represent CenterPoint Energy prior to the acquiring Vectren. 2019 combined company Employee numbers CenterPoint Energy and Vectren.	
7.1	Total Number of Employees	7,977	7,977		9,429
7.2	Total Number on Board of Directors/Trustees	10	10		10
7.3	Total Women on Board of Directors/Trustees	2	2		2
7.4	Total Minorities on Board of Directors/Trustees	2	2		2
7.5	Employee Safety Metrics				
7.5.1	Recordable Incident Rate	1.01	1.20		1.70
7.5.2	Lost-time Case Rate	0.45	0.50		0.62
7.5.3	Days Away, Restricted, and Transfer (DART) Rate	0.45	0.75		1.03
7.5.4	Work-related Fatalities	0.00	0.00		
8	Fresh Water Resources				
8.1	Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	0.00000176	0.00000171	0.00000189	
8.2	Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	0.00000631	0.00000605	0.00000492	
9	Waste Products			2017, 2018 Hazardous waste amounts (Hazardous and regulated waste) represent CenterPoint Energy prior to the acquiring the assets of Vectren. 2019 Hazardous waste amounts represent the combined company.	
9.1	Amount of Hazardous Waste Manifested for Disposal	4,245	4,628		138
9.2	Percent of Coal Combustion Products Beneficially Used	92%	81%		91%

Additional Metrics (Optional)				
Insert additional rows in this section as necessary.				



Gas Company ESG/Sustainability Quantitative Information

Parent Company: CenterPoint Energy
 Operating Company(s): CenterPoint Energy
 Business Type(s): Gas Distribution
 State(s) of Operation: Texas, Minnesota, Arkansas, Louisiana, Mississippi, Oklahoma, Indiana, and Ohio
 Regulatory Environment: Regulated
 Report Date: 9/15/2020

Ref. No.	2017	2018	2019	Comments
Natural Gas Distribution				
1 METHANE EMISSIONS AND MITIGATION FROM DISTRIBUTION MAINS				<i>2017 and 2018 mains in service represent CenterPoint Energy prior to acquiring the natural gas assets of Vectren in Indiana and Ohio. 2019 is CenterPoint Energy's combined company mains in service including the added Indiana and Ohio territory.</i>
1.1 Number of Gas Distribution Customers	3,469,791	3,506,310	4,600,000	
1.2 Distribution Mains in Service				
1.2.1 Plastic (miles)	42,518	43,625	57,107	
1.2.2 Cathodically Protected Steel - Bare & Coated (miles)	31,860	31,544	39,369	
1.2.3 Unprotected Steel - Bare & Coated (miles)	371	316	1,118	
1.2.4 Cast Iron / Wrought Iron - without upgrades (miles)	71	6	134	As part of our efforts to reduce methane emissions, CenterPoint Energy's natural gas operations business joined the EPA Natural Gas Methane Challenge Program as a founding partner in 2016. Partner companies have committed to replacing or rehabilitating cast iron and unprotected steel natural gas distribution mains.
1.3 Plan/Commitment to Replace / Upgrade Remaining Miles of Distribution Mains (# years to complete)				We reached a significant milestone in 2018 by substantially completing the elimination of cast iron pipes in CenterPoint Energy's distribution system prior to our 2019 merger with Vectren Corporation. We replaced cast iron pipes with polyethylene and steel pipes that were coated with epoxy to resist corrosion and breaking.
1.3.1 Unprotected Steel (Bare & Coated) (# years to complete)	59.8	62.8	118.0	We are committed to eliminate cast-iron pipe in all our territories. Cast-iron pipe only remains in our Indiana and Ohio territories with all of cast iron removal expected to complete in 2023.
1.3.2 Cast Iron / Wrought Iron (# years to complete)	49.0	70.4	21.0	
2 Distribution CO₂e Fugitive Emissions				
2.1 CO ₂ e Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	632,223	605,074	540,975	<i>Fugitive Emissions numbers for 2017-2019 include the CenterPoint Energy natural gas emissions from local distribution companies plus the plus the historical emissions for the assets acquired from Vectren in 2019.</i>
2.2 CH ₄ Fugitive Methane Emissions from Gas Distribution Operations (metric tons)	25,258	24,174	21,684	
2.2.1 CH ₄ Fugitive Methane Emissions from Gas Distribution Operations (MMSCF/year)	1,316	1,259	1,129	
2.3 Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (Mscf/year)	604,484,225	715,762,088	726,681,357	
2.3.1 Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (MMscf/year)	574,260	679,974	690,347	
2.4 Fugitive Methane Emissions Rate (MMscf of Methane Emissions per MMscf of Methane Throughput)	0.00229081	0.00185163	0.00163595	

Natural Gas Transmission and Storage						
1	Onshore Natural Gas Transmission Compression Methane Emissions	NA	NA	NA	<i>Blowdown emissions and throughputs are not reported to USEPA GHG reporting under Subpart W for transmission pipeline</i>	
1.1.1	Pneumatic Device Venting (metric tons/year)					
1.1.2	Blowdown Vent Stacks (metric tons/year)					
1.1.3	Transmission Storage Tanks (metric tons/year)					
1.1.4	Flare Stack Emissions (metric tons/year)					
1.1.5	Centrifugal Compressor Venting (metric tons/year)					
1.1.6	Reciprocating Compressor Venting (metric tons/year)					
1.1.7	Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)					
1.1.8	Other Leaks (metric tons/year)					
1.2	Total Transmission Compression Methane Emissions (metric tons/year)					
1.3	Total Transmission Compression Methane Emissions (CO2e/year)					
1.4	Total Transmission Compression Methane Emissions (MSCF/year)					
2	Underground Natural Gas Storage Methane Emissions	NA	NA	NA		<i>Underground natural gas storage facility is below the USEPA reporting threshold.</i>
2.1.1	Pneumatic Device Venting (metric tons/year)					
2.1.2	Flare Stack Emissions (metric tons/year)					
2.1.3	Centrifugal Compressor Venting (metric tons/year)					
2.1.4	Reciprocating Compressor Venting (metric tons/year)					
2.1.5	Equipment leaks from valves, connectors, open ended lines, pressure relief valves, and meters (metric tons/year)					
2.1.6	Other Equipment Leaks (metric tons/year)					
2.1.7	Equipment leaks from valves, connectors, open-ended lines, and pressure relief valves associated with storage wellheads (metric tons/year)					
2.1.8	Other equipment leaks from components associated with storage wellheads (metric tons/year)					
2.2	Total Storage Compression Methane Emissions (metric tons/year)					
2.3	Total Storage Compression Methane Emissions (CO2e/year)					
2.4	Total Storage Compression Methane Emissions (MSCF/year)					
3	Onshore Natural Gas Transmission Pipeline Blowdowns					
3.1	Transmission Pipeline Blowdown Vent Stacks (metric tons/year)					
3.2	Transmission Pipeline Blowdown Vent Stacks (CO2e/year)					
3.3	Transmission Pipeline Blowdown Vent Stacks (MSCF/year)					
4	Other Non-Sub W Emissions Data	NA	NA	NA	<i>Below Reporting Threshold</i>	
4.1	Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (metric tons/year)					
4.2	Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (CO2e/year)					
4.3	Total Methane Emissions from additional sources not recognized by 40 CFR 98 Subpart W (MSCF/year)					
5	Summary and Metrics				<i>Below the USEPA Reporting Threshold</i>	
5.1	Total Transmission and Storage Methane Emissions (MMSCF/year)					
5.2	Annual Natural Gas Throughput from Gas Transmission and Storage Operations (MSCF/year)					
5.2.1	Annual Methane Gas Throughput from Gas Transmission and Storage Operations (MMSCF/year)					
5.3	Fugitive Methane Emissions Rate (MMscf of Methane Emissions per MMscf of Methane Throughput)					

Natural Gas Gathering and Boosting					
1	METHANE EMISSIONS	NA	NA	NA	
1.1	Gathering and Boosting Pipelines, Blow Down Volumes, and Emissions				<i>Not Applicable</i>
1.1.1	Total Miles of Gathering Pipeline Operated by gas utility (<i>miles</i>)				
1.1.2	Volume of Gathering Pipeline Blow Down Emissions (<i>scf</i>)	NA	NA	NA	<i>Not Applicable</i>
1.1.4	Gathering Pipeline Blow-Down Emissions outside storage and compression facilities (<i>metric tons CO2e</i>)				
2	CO2e COMBUSTION EMISSIONS FOR GATHERING & BOOSTING COMPRESSION				
2.1	CO2e Emissions for Gathering & Boosting Compression Stations (<i>metric tons</i>)				
3	CONVENTIONAL COMBUSTION EMISSIONS FROM GATHERING & BOOSTING COMPRESSION				
3.1	Emissions reported for all permitted sources (minor or major)				
3.1.1	NOx (<i>metric tons per year</i>)	NA	NA	NA	<i>Not Applicable</i>
3.1.2	VOC (<i>metric tons per year</i>)	NA	NA	NA	<i>Not Applicable</i>

Additional Metrics (Optional)				
<i>Insert additional rows in this section as necessary.</i>				