

Quantitative Information

PORTFOLIO

	2018	2019	2020
Owned Generation Capacity at end of year (MW)			
Coal	313	324	317
Natural Gas	452	452	454
Nuclear	0	0	0
Petroleum	54	54	56
Total Renewable Energy Resources	123	136	189
Biomass/Biogas	0	0	0
Geothermal	0	0	0
Hydroelectric	0	0	0
Solar	0	0	64
Wind	123	136	125
Other	0	0	0

Owned Net Generation for the data year (MWh)			
Total	2,480,037	2,622,049	2,466,630
Coal	1,869,981	1,751,224	1,566,204
Natural Gas	492,291	501,147	502,388
Nuclear	0	0	0
Petroleum	578	695	472
Total Renewable Energy Resources	117,187	368,983	397,566
Biomass/Biogas	0	0	0
Geothermal	0	0	0
Hydroelectric	0	0	0
Solar	0	0	11,181
Wind	117,187	368,983	386,385
Other	0	0	0

	2018	2019	2020
Purchased Net Generation for the data year (MWh)			
Total	1,092,825	944,736	877,456
Coal	0	0	0
Natural Gas	0	0	0
Nuclear	0	0	0
Petroleum	0	0	0
Total Renewable Energy Resources	236,461	80,164	88,500
Biomass/Biogas	37,923	16,497	9,340
Geothermal	0	0	0
Hydroelectric	0	0	0
Solar	3,593	4,624	7,128
Wind	194,945	59,043	72,032
Other	856,364	864,572	788,956

Capital Expenditures and Energy Efficiency (EE)			
Total Annual Capital Expenditures (<i>nominal dollars</i>)	\$212,197,000	\$164,036,000	\$203,139,000
Incremental Annual Electricity Savings from EE Measures (<i>MWh</i>)	45,044	42,382	40,844
Incremental Annual Investment in Electric EE Programs (<i>nominal dollars</i>)	\$4,838,205	\$4,838,442	\$4,914,080

Retail Electric Customer Count (at end of year)			
Commercial	20,594	20,653	20,862
Industrial	37	37	37
Residential	133,857	135,967	138,175

Quantitative Information

EMISSIONS

GHG Emissions: Carbon Dioxide (CO₂) and Carbon Dioxide Equivalent (CO₂e)

	2018	2019	2020
Owned Generation			
Carbon Dioxide (CO ₂)			
Total Owned Generation CO ₂ Emissions (MT)	2,177,238	2,037,755	1,876,083
Total Owned Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.878	0.777	0.761

Owned Generation + Purchased Power			
Carbon Dioxide (CO ₂)			
Total Owned + Purchased Generation CO ₂ Emissions (MT)	2,640,046	2,504,102	2,253,545
Total Owned + Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.739	0.702	0.674

	2018	2019	2020
Purchased Power			
Carbon Dioxide (CO ₂)			
Total Purchased Generation CO ₂ Emissions (MT)	462,808	466,347	377,462
Total Purchased Generation CO ₂ Emissions Intensity (MT/Net MWh)	0.423	0.494	0.430

Nitrogen Oxide (NO_x), Sulfur Dioxide (SO₂), Mercury (Hg); Total generation basis for calculation

Nitrogen Oxide (NO_x)			
Total NO _x Emissions (MT)	804	799	728
Total NO _x Emissions Intensity (MT/Net MWh)	0.000324	0.000305	0.000295

Mercury (Hg)			
Total Hg Emissions (kg)	5.2	3.7	3.6
Total Hg Emissions Intensity (kg/Net MWh)	0.00000211	0.00000142	0.00000147

Sulfur Dioxide (SO₂)			
Total SO ₂ Emissions (MT)	376	351	304
Total SO ₂ Emissions Intensity (MT/Net MWh)	0.000151	0.000134	0.000123

Quantitative Information

RESOURCES

	2018	2019	2020
Human Resources			
Total Number of Employees	711	731	735
Percentage of Women in Total Workforce	27%	27%	27%
Percentage of Minorities in Total Workforce	9%	7%	8%
Total Number on Board of Directors/ Trustees	9	9	9
Percentage of Women on Board of Directors/Trustees	22%	22%	22%
Percentage of Minorities on Board of Directors/Trustees	0	11%	11%
Employee Safety Metrics			
Recordable Incident Rate	3.06	1.38	1.17
Lost-time Case Rate	1.90	0.63	0.65
Days Away, Restricted, and Transfer (DART) Rate	1.90	0.88	0.78
Work-related Fatalities	0	0	0

	2018	2019	2020
Fresh Water Resources used in Thermal Power Generation Activities			
Water Withdrawals - Consumptive (<i>millions of gallons</i>)	1,372.5	1,178.3	1,225.9
Water Withdrawals - Non-Consumptive (<i>millions of gallons</i>)	29,468.8	31,377.1	26,408.9
Water Withdrawals - Consumptive Rate (<i>millions of gallons/Net MWh</i>)	0.0006	0.0004	0.0005
Water Withdrawals - Non-Consumptive Rate (<i>millions of gallons/Net MWh</i>)	0.012	0.012	0.011
Waste Products			
Amount of Hazardous Waste Manifested for Disposal (<i>metric tons</i>)	95.1	5.4	3.0
Percent of Coal Combustion Products Beneficially Used	68%	71%	65%

Quantitative Information

NATURAL GAS DISTRIBUTION

	2018	2019	2020
Methane Emissions and Mitigation from Distribution Mains			
Number of Gas Distribution Customers	161,472	164,374	166,874
Distribution Mains in Service			
Plastic (<i>miles</i>)	1,899	1,954	2,013
Cathodically Protected Steel - Bare & Coated (<i>miles</i>)	1,001	991	977
Unprotected Steel - Bare & Coated (<i>miles</i>)	0	0	0
Cast Iron/Wrought Iron - without upgrades (<i>miles</i>)	0	0	0

	2018	2019	2020
Distribution CO₂e Fugitive Emissions			
CO ₂ e Fugitive Methane Emissions from Gas Distribution Operations (<i>metric tons</i>)	14,040	14,276	14,439
CH ₄ Fugitive Methane Emissions from Gas Distribution Operations (<i>metric tons</i>)	561.6	571.0	577.6
CH ₄ Fugitive Methane Emissions from Gas Distribution Operations (<i>MMscf/year</i>)	29.3	29.7	30.1
Annual Natural Gas Throughput from Gas Distribution Operations in thousands of standard cubic feet (<i>MMscf/year</i>)	30,682,158	32,397,923	30,138,516
Annual Methane Gas Throughput from Gas Distribution Operations in millions of standard cubic feet (<i>MMscf/year</i>)	29,148	30,778	28,632
Fugitive Methane Emissions Rate (<i>percent MMscf of methane emissions per MMscf of methane throughput</i>)	0.1%	0.1%	0.1%

