

ENTERGY ENVIRONMENTAL PERFORMANCE DATA TABLE This data table reports environmental indicators Entergy considers important to the company and its stakeholders as well as other metrics to provide additional transparency. The data is from Entergy's two primary business units: Utilities and EWC. It is based on 100% operational control in all cases except for air emissions which are reported on an equity basis. Additional data and information can be found in our online GRI matrix located at the following web link ([HERE](#)).

ENVIRONMENT	2017	2018	2019	2020	2021
AIR					
Direct greenhouse gas emissions – all sources and all gases (million metric tons CO2e)	33.1	36.5	34.4	32.9	35.5
Indirect greenhouse gas emissions – line losses and company usage (million metric tons CO2e)	0.15	0.15	0.13	0.12	0.09
GHG emissions from purchased power – controllable (million metric tons CO2e)	3.4	3.4	2.8	3.1	2.6
GHG emissions from purchased power – all classes (million metric tons CO2e) ^a	13.5	13.9	19.7	7.9	7.1
CO2 emissions from power generation (million short tons)	36.1	39.9	37.6	36.0	39.2
CO2 emissions rate for power generation (lbs/MWh)	588.3	616.7	591.2	581.3	638.3
Percent Entergy's CO2 Emission Rate was below most recent National Utility Avg. Rate ^f	41.7%	37.6%	35.8%	31.9%	*available 2023
Additional GHG Data for Entergy may also be found at the American Carbon Registry link (HERE)					
NOx emissions from power generation (thousand tons)	30.3	28.6	28.1	25.3	19.5
NOx emissions rate from power generation (lbs/MWh)	0.49	0.44	0.44	0.41	0.32
SO2 emissions from power generation (thousand tons)	35.0	37.9	27.4	13.5	22.9
SO2 emissions rate from power generation (lbs/MWh)	0.57	0.59	0.43	0.22	0.37
Hg emissions from power generation (tons)	0.04	0.05	0.04	0.02	0.03
Hg emissions rate from power generation (lbs/MWh)	6.9X10 ⁻⁷	7.3X10 ⁻⁷	5.5X10 ⁻⁷	3.2X10 ⁻⁷	4.7X10 ⁻⁷
ENERGY CONSUMPTION					
Non-renewable electricity purchased for facility operations (MWh)	250,137	273,341	231,465	208,556	
Renewable electricity purchased for facility operations (MWh)	40,982	40,502	36,198	20,942	
Percent of total energy consumption that is renewable	14.1	12.9	13.5	9.1	
Consumed energy as percent of total grid availability (%)	0.0073	0.0078	0.0067	0.0057	
COMMUNITY RIGHT TO KNOW - TOXIC RELEASE INVENTORY^b					
Releases to Land (tons); defined by EPA (HERE)	1238.4	1723.3	1102.4	530.4	Available in July
Releases to Air (tons); defined by EPA (HERE)	268.2	291.5	299.6	158.3	
Releases to Water (tons); defined by EPA (HERE)	2.2	2.3	2.2	1.9	
WASTE					
Hazardous waste generation – manifested (tons)	40.1	26.0	122.4	54.6	30.1
Coal Combustion By-Product Produced (1000 tons)	500	482.0	437.4	208.2	338.1
Recycled waste – coal ash (%)	87.1	72.7	82.3	115.6	76.9
WATER					
Water Withdrawn - all water types used in cooling (millions of cubic meters)	11,262	11,063	11,152	7,940	7,062
Freshwater Withdrawn – used in cooling (millions of cubic meters)	6,521	5,912	6,504	6,452	5,688
Freshwater Discharged (millions of cubic meters)	6,375	5,776	6,311	6,322	5,508
Freshwater Consumption (millions of cubic meters)	146	136	172	131	180
COMPLIANCE					
Environmental Management System Third-Party Audits	30	34	34	16	28
Internal compliance self-assessments and audits	693	659	639	481	508
Fines and penalties (\$, shown in year paid)	603,371 ^c	9,250 ^e	11,450	1,300	2,900
Water permit exceedences ^d	32	30	21	8	9

^a Calculation includes using the average SERC Mississippi Valley (SRMV) emission rate available from eGRID for uncontrollable/MISO coordinated purchases.

^b TRI values for 2021 are not available until later in the year and are therefore not shown.

^c Includes settlement regarding 2015 Indian Point transformer failure, executed in 2017 and explained in detail in our 2017 10K.

^d Represents a compliance rate of greater than 99.9% each year.

^e In 2020, Entergy updated this number to remove a de minimus settlement payment for a CERCLA site.

^f National average CO2 emission rate calculation methodology was updated in March 2022 to utilize current EIA data formats, and this updated methodology was retroactively applied to recalculate the values presented here for 2017-2019.