

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	2014	2015	2016	2017	2018
AIR					
Direct greenhouse gas emissions – all sources and all gases (million metric tons CO2e)	34.2	31.8	35.2	33.1	36.5
Indirect greenhouse gas emissions – line losses and company usage (million metric tons CO2e)	0.31	0.32	0.19	0.15	0.15
GHG emissions from purchased power – controllable (million metric tons CO2e)	5.0	5.1	3.8	3.4	3.4
GHG emissions from purchased power – all gases/all classes of purchased power, controllable and uncontrollable (million metric tons CO2e) ^a	18.8	17.6	12.0	13.5	13.9
CO2 emissions from power generation (million tons)	36.9	34.6	38.4	36.1	39.9
CO2 emissions rate for power generation (lbs/MWh)	551.3	524.3	575.9	588.3	616.7
Percent Entergy's Emission Rate was below published National Utility Avg. Rate (2017 most current national average value)	51.72	50.91	43.27	40.59	na
Additional GHG Data for Entergy may also be found at the American Carbon Registry link (HERE)					
NOx emissions from power generation (thousand tons)	37.5	40.3	40.2	30.3	28.6
NOx emissions rate from power generation (lbs/MWh)	0.57	0.63	0.60	0.49	0.44
SO2 emissions from power generation (thousand tons)	47.6	29.4	32.6	35.0	37.9
SO2 emissions rate from power generation (lbs/MWh)	0.73	0.46	0.49	0.57	0.59
Hg emissions from power generation (tons)	0.42	0.26	0.13	0.04	0.05
Hg emissions rate from power generation (lbs/MWh)	6.4X10 ⁶	3.9X10 ⁶	2.0X10 ⁶	6.9X10 ⁷	7.3X10 ⁷
ENERGY CONSUMPTION					
Non-renewable electricity purchased for facility operations (MWh)	200,626	200,460	233,898	250,137	273,341
Renewable electricity purchased for facility operations (MWh)	25,592	25,585	40,305	40,982	40,502
Percent of total energy consumption that is renewable	11.3	11.3	14.7	14.1	12.9
Consumed energy as percent of total grid availability (%)	0.0056	0.0056	0.0068	0.0073	0.0078
COMMUNITY RIGHT TO KNOW - TOXIC RELEASE INVENTORY^b					
Releases to Land (tons); defined by EPA (HERE)	2,608.5	314.2	974.9	1238.4	
Releases to Air (tons); defined by EPA (HERE)	443.8	227.5	260.6	268.2	
Releases to Water (tons); defined by EPA (HERE)	11.4	4.1	2.8	2.2	
WASTE					
Hazardous waste generation – manifested (tons)	54.8	26.2	41.4	40.1	26.0
Coal Combustion By-Product Produced (1000 tons)	958	634	485	500	482
Recycled waste – coal ash (%)	59.2	98.6	58.5	87.1	72.7
WATER					
Freshwater Withdrawn – used in cooling (millions of cubic meters) ^c	-	-	7651.7	6521.1	5911.9
Freshwater Discharged (millions of cubic meters) ^c	-	-	7405.0	6375.0	5775.8
Freshwater Consumption (millions of cubic meters) ^c	-	-	246.8	146.1	136.1
COMPLIANCE					
Environmental Management System 3rd Party Audits	33	33	33	30	34
Internal compliance self-assessments and audits	635	464	693	693	659
Fines and penalties (\$, shown in year paid)	750	12,723	20,000	603,371 ^d	34,250
Water permit exceedences	20	29	24	32	30

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

^b TRI values for 2018 are not available until later in the year and are therefore not shown.

^c Beginning in 2016, the method used for determining water usage changed to provide additional accuracy. Therefore, historical data is not presented.

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