

AEP System Total: Inventory for 2019

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2019 Coal Burn 54,179,890,000 pounds

AEP System Total Estimated TRI Releases for 2019 (Pounds)					
Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	465	948	103,816	65,462	170,691
Barium	2,743	115,320	3,306,970	434,159	3,859,192
Beryllium	9	(a)	14,405	(a)	14,414
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	2,721	192	210,415	239,247	452,575
Cobalt	700	46	53,270	35,000	89,016
Copper	1,279	985	318,910	143,275	464,449
Lead	902	363	124,472	45,800	171,537
Manganese	3,568	37,960	812,948	125,260	979,736
Mercury	322	8	2,520	665	3,516
Nickel	3,861	789	190,995	136,420	332,065
Selenium	6,945	232	21,450	16,054	44,681
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	12	(a)	27,905	(a)	27,917
Vanadium	1,542	(a)	484,316	170,000	655,858
Zinc	8,020	787	304,759	110,000	423,566
Hydrochloric Acid Aerosol	266,470	(b)	(b)	(b)	266,470
Hydrogen Fluoride	428,280	(a)	(a)	(a)	428,280
Sulfuric Acid Aerosol	1,106,380	(b)	(b)	(b)	1,106,380
Ammonia	25,211	29,970	(a)	(a)	55,181
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	1	(a)	(a)	(a)	1
PACs	16	(a)	(a)	(a)	16
Dioxins (grams)	6	(a)	(a)	(a)	6
Dioxins (ounces)	(a)	(a)	(a)	(a)	(a)
Dioxins (ounces TEQ) (c)	(a)	(a)	(a)	(a)	(a)
Totals (a)(b)(d)(e)(f)(g)	Air 1,859,453	Water 187,601	On-site Land 5,977,151	Off-site Transfer 1,521,342	Total 9,545,547

- Notes (a) The management and release of this substance falls below reporting levels set by the U.S. EPA.
(b) U.S. EPA only requires reporting of airborne forms of hydrochloric and sulfuric acid.
(c) Toxic equivalent; see AEP.Com for further explanation.
(d) AEP System TRI reportable numbers include 129; 264; 151 and 95 megawatts of generation capacity owned by others at Conesville, Flint Creek, Oklaunion and Pirkey power plants, respectively. Numbers do not include 262 megawatts of generation at Dolet Hills power plant (located in Louisiana, 650 megawatts total) owned by AEP and operated by CLECO.
(e) U.S. EPA reporting rules require that the Conesville coal preparation plant be combined with the Conesville power plant as a single reporting facility.
(f) Transfer includes quantities of the chemical substance sent off-site for disposal.
(g) AEP owns and operates power plants in Arkansas, Indiana, Kentucky, Louisiana, Ohio, Oklahoma, Texas, Virginia, and West Virginia that are primarily fueled by natural gas. None met the requirements to report TRI releases in 2019.