

AEP System Total: Inventory for 2020

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2020 Coal Burn **36,480,308,000 pounds**

AEP System Total TRI Releases for 2020 (Pounds)					
Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	363	169	50,041	58,289	108,862
Barium	1,717	99,843	2,159,245	368,997	2,629,802
Beryllium	22	(a)	9,310	5,800	15,132
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	1,853	89	109,455	137,442	248,839
Cobalt	363	2	11,260	31,000	42,625
Copper	992	516	186,875	106,600	294,983
Lead	726	297	67,730	39,491	108,244
Manganese	2,677	23,163	490,545	105,200	621,585
Mercury	196	3	1,467	602	2,268
Nickel	2,761	392	100,685	90,070	193,908
Selenium	2,875	321	105	14,038	17,339
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	1,402	(a)	272,350	150,000	423,752
Zinc	5,863	467	164,061	95,000	265,391
Hydrochloric Acid Aerosol	186,780	(b)	(b)	(b)	186,780
Hydrogen Fluoride	264,078	(a)	(a)	(a)	264,078
Sulfuric Acid Aerosol	781,100	(b)	(b)	(b)	781,100
Ammonia	81,396	21,490	(a)	(a)	102,886
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	1	(a)	(a)	(a)	1
PACs	11	(a)	(a)	(a)	11
Dioxins (grams)	4	(a)	(a)	(a)	4
Dioxins (ounces)	(a)	(a)	(a)	(a)	(a)
Dioxins (ounces TEQ) (c)	(a)	(a)	(a)	(a)	(a)
	Air	Water	On-site Land	Off-site Transfer	Total
Totals (a)(b)(d)(e)(f)(g)(h)	1,335,180	146,750	3,623,130	1,202,529	6,307,589

- 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 264; 173 and 95 megawatts of generation capacity owned by others at Flint Creek, John W Turk and Pirkey power plants, respectively. Totals do not include 262 and 595 megawatts of AEP-owned generation at Dolet Hills (operated by CLECO) and Cardinal (operated by Buckeye) power plants, respectively.
(e) Both Conesville and Oklaunion power plants were sold and retired during 2020. Totals from these plants were reported by the new owner and excluded from the totals above.
(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. Of these, none met the requirements to report TRI releases in 2020.
(h) All above data was submitted to the EPA in June 2021 and is considered pending.