

AEP System Total: Inventory for 2007

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2007 Generation 165,808,172 megawatthours
2007 Coal Burn 150,418,618,000 pounds

AEP System Total Estimated TRI Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	270	110	30,310	0	30,690
Arsenic	8,737	5,459	713,070	25,173	752,439
Barium	47,515	66,187	9,840,145	766,167	10,720,015
Beryllium	250	17	56,845	9,900	67,012
Cadmium	0	0	0	0	0
Chromium	15,210	1,196	1,161,180	1,611,526	2,789,112
Cobalt	4,159	977	443,110	52,000	500,246
Copper	9,900	39,178	1,546,255	592,330	2,187,663
Lead	9,064	4,436	647,524	82,589	743,613
Manganese	21,235	10,953	2,357,425	365,770	2,755,383
Mercury	7,836	607	5,100	609	14,151
Nickel	16,680	17,233	1,032,865	756,640	1,823,418
Selenium	72,640	6,622	130,743	59,381	269,386
Silver	0	22	0	0	22
Thallium	101	144	96,745	0	96,990
Vanadium	15,285	861	2,440,788	288,000	2,744,934
Zinc	34,125	23,825	1,573,800	187,000	1,818,750
Hydrochloric Acid Aerosol	64,208,000	(b)	(b)	(b)	64,208,000
Hydrogen Fluoride	4,529,000	0	0	0	4,529,000
Sulfuric Acid Aerosol	6,945,900	(b)	(b)	(b)	6,945,900
Ammonia	28,000	11,200	0	0	39,200
Chlorine	0	3,000	0	0	3,000
Benzo(g,h,i)perylene	3	0	0	0	3
PACs	61	0	0	0	61
Dioxins (grams)	19	0	0	0	19
Dioxins (ounces)	1	0	0	0	1
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals (a)(b)(d)(e)(f)(g)	75,973,970	192,025	22,075,905	4,797,085	103,038,985

- 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 1,230; 441; 264; 151 and 95 megawatts of generation capacity owned by others at Cardinal, 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 sixteen power plants in Arkansas, Indiana, Louisiana, Ohio, Oklahoma, Texas and West Virginia that are primarily fueled by natural gas. Of these none met the requirements to report TRI releases in 2007.