

AEP System Total: Inventory for 2009

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2009 Generation 140,057,787 megawatthours
2009 Coal Burn 131,032,300,000 pounds

AEP System Total Estimated TRI Releases for 2009 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	243	110	43,510	0	43,863
Arsenic	6,592	12,638	624,711	83,790	727,732
Barium	38,940	60,318	10,418,990	627,973	11,146,221
Beryllium	194	4	61,352	8,104	69,654
Cadmium	0	0	0	0	0
Chromium	10,933	1,397	1,047,750	1,325,641	2,385,721
Cobalt	4,266	806	385,827	42,010	432,909
Copper	7,884	36,171	1,428,470	450,260	1,922,785
Lead	6,695	551	577,763	69,479	654,487
Manganese	17,495	8,188	2,220,700	289,420	2,535,803
Mercury	7,176	55	4,775	605	12,611
Nickel	13,710	5,804	936,240	573,380	1,529,134
Selenium	36,535	5,380	112,462	239,753	394,131
Silver	0	0	0	0	0
Thallium	103	6	91,015	0	91,124
Vanadium	11,809	900	2,207,920	242,900	2,463,529
Zinc	27,120	6,970	1,454,420	161,800	1,650,310
Hydrochloric Acid Aerosol	30,274,040	(b)	(b)	(b)	30,274,040
Hydrogen Fluoride	2,803,000	0	0	0	2,803,000
Sulfuric Acid Aerosol	5,227,700	(b)	(b)	(b)	5,227,700
Ammonia	26,390	4,846	0	0	31,236
Chlorine	0	3,140	0	0	3,140
Benzo(g,h,i)perylene	2	0	0	0	2
PACs	51	0	0	0	51
Dioxins (grams)	16	0	0	0	16
Dioxins (ounces)	1	0	0	0	1
Dioxins (ounces TEQ) (c)	0	0	0	0	0
	Air	Water	On-site Land	Off-site Transfer	0
Totals (a)(b)(d)(e)(f)(g)	38,520,878	147,284	21,615,906	4,115,115	64,399,183

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.