Amos Plant: Toxics Release Inventory for 2007

Plant: Amos, St. Albans, West Virginia
Contact: Jon Webster Telephone (304) 759-3159
2007 Generation 18,362,031 megawatthours
2007 Coal Burn 14,808,300,000 pounds

Amos Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	695	214	40,615	8,332	49,856
Barium	1,105	4,200	331,005	623,643	959,953
Beryllium	33	0	5,225	9,900	15,158
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	1,240	31	68,005	230,630	299,906
Cobalt	530	232	28,205	52,000	80,967
Copper	1,058	627	84,005	182,000	267,690
Lead	648	68	34,049	68,673	103,438
Manganese	1,450	1,410	92,005	180,000	274,865
Mercury	766	0	206	447	1,419
Nickel	1,650	554	60,005	150,000	212,209
Selenium	23,005	422	5,985	12,136	41,548
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	1,205	860	132,005	250,000	384,070
Zinc	3,105	1,101	84,205	160,000	248,411
Hydrochloric Acid Aerosol	16,000,000	(b)	(b)	(b)	16,000,000
Hydrogen Fluoride	910,000	(b)	(b)	(b)	910,000
Sulfuric Acid Aerosol	1,000,000	(b)	(b)	(b)	1,000,000
Ammonia	7,800	460	N/A	N/A	8,260
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.3	0	0	0	0
PACs	6.7	0	0	0	7
Dioxins (grams)	2.1	0	0	0	2
Dioxins (ounces)	0.074	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	17,954,297	10,179	965,520	1,927,761	20,857,757

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.

Big Sandy Plant: Toxics Release Inventory for 2007

Plant: Big Sandy, Louisa, Kentucky
Contact: Kenneth Borders Telephone (606) 686-2415
2007 Generation 7,533,223 megawatthours
2007 Coal Burn 5,889,764,000 pounds

Big Sandy Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	1,405	440	48,275	94	50,214
Barium	4,005	1,288	366,005	1,900	373,198
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	1,450	63	75,805	21,095	98,413
Cobalt	405	4	31,305	0	31,714
Copper	805	31	101,405	4,600	106,841
Lead	1,163	15	39,865	104	41,147
Manganese	1,750	150	100,605	2,100	104,605
Mercury	286	2	233	4	525
Nickel	1,350	411	66,605	8,400	76,766
Selenium	(a)	(a)	(a)	(a)	(a)
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	1,905	0	149,705	0	151,610
Zinc	2,905	244	96,605	0	99,754
Hydrochloric Acid Aerosol	6,900,000	(b)	(b)	(b)	6,900,000
Hydrogen Fluoride	360,000	(b)	(b)	(b)	360,000
Sulfuric Acid Aerosol	500,000	(b)	(b)	(b)	500,000
Ammonia	2,150	1,120	N/A	N/A	3,270
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.1	0	0	0	0
PACs	2.7	0	0	0	3
Dioxins (grams)	0.9	0	0	0	1
Dioxins (ounces)	0.032	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	7,779,582	3,767	1,076,413	38,297	8,898,059

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.

Cardinal Plant: Toxics Release Inventory for 2007

Plant: Cardinal, Brilliant, Ohio
Contact: Charles Hewett Telephone (740) 598-6511
2007 Generation 10,709,199 megawatthours
2007 Coal Burn 8,958,354,000 pounds

Cardinal Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	775	2,100	72,775	470	76,120
Barium	1,505	3,601	635,005	9,301	649,413
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	1,140	170	124,005	470	125,785
Cobalt	265	170	53,505	0	53,940
Copper	692	3,910	156,005	55,000	215,607
Lead	691	31	63,147	474	64,344
Manganese	1,350	3	175,005	25,000	201,358
Mercury	552	0	396	19	967
Nickel	1,010	483	116,005	99,000	216,498
Selenium	14,005	1,401	9,915	93	25,414
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	1,205	0	258,005	0	259,210
Zinc	2,505	1,112	160,005	0	163,622
Hydrochloric Acid Aerosol	9,000,000	(b)	(b)	(b)	9,000,000
Hydrogen Fluoride	550,000	(b)	(b)	(b)	550,000
Sulfuric Acid Aerosol	720,000	(b)	(b)	(b)	720,000
Ammonia	3,850	1,120	N/A	N/A	4,970
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.2	0	0	0	0
PACs	4.0	0	0	0	4
Dioxins (grams)	1.3	0	0	0	1
Dioxins (ounces)	0.046	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	10,299,549	14,102	1,823,773	189,827	12,327,251

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.

Clinch River Plant: Toxics Release Inventory for 2007

Plant: Clinch River, Cleveland, Virginia
Contact: Monte Guy Telephone (276) 889-7314
2007 Generation 4,050,473 megawatthours
2007 Coal Burn 3,154,992,000 pounds

Clinch River Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	255	150	25,405	45	25,855
Barium	485	771	196,005	890	198,151
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	550	0	39,705	19,040	59,295
Cobalt	(a)	(a)	(a)	(a)	(a)
Copper	237	110	53,005	4,200	57,552
Lead	221	18	20,842	54	21,134
Manganese	385	0	53,005	1,900	55,290
Mercury	138	0	76	2	216
Nickel	330	23	35,205	7,700	43,258
Selenium	(a)	(a)	(a)	(a)	(a)
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	365	0	78,005	0	78,370
Zinc	865	0	50,105	0	50,970
Hydrochloric Acid Aerosol	1,900,000	(b)	(b)	(b)	1,900,000
Hydrogen Fluoride	190,000	(b)	(b)	(b)	190,000
Sulfuric Acid Aerosol	240,000	(b)	(b)	(b)	240,000
Ammonia	(a)	(a)	N/A	N/A	0
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.1	0	0	0	0
PACs	1.5	0	0	0	2
Dioxins (grams)	0.5	0	0	0	1
Dioxins (ounces)	0.018	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	2,333,833	1,072	551,358	33,830	2,920,093

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.

Conesville Plant: Toxics Release Inventory for 2007

Plant: Conesville, Conesville, Ohio
Contact: Georgeanne Hammond Telephone (740) 829-4065
2007 Generation 10,342,967 megawatthours
2007 Coal Burn 9,076,342,000 pounds

Conesville Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	995	770	74,005	93	75,862
Barium	2,205	843	466,005	1,802	470,855
Beryllium	57	0	8,005	0	8,062
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	1,350	13	101,005	96	102,464
Cobalt	570	57	39,905	0	40,532
Copper	795	5,907	133,005	36,000	175,707
Lead	868	3	57,920	158	58,948
Manganese	1,550	440	143,005	1,900	146,895
Mercury	1,004	7	764	4	1,779
Nickel	1,350	990	83,005	65,000	150,345
Selenium	8,105	1,291	16,405	18	25,819
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	1,405	0	199,005	0	200,410
Zinc	2,905	4,607	139,005	0	146,517
Hydrochloric Acid Aerosol	4,700,000	(b)	(b)	(b)	4,700,000
Hydrogen Fluoride	280,000	(b)	(b)	(b)	280,000
Sulfuric Acid Aerosol	1,000,000	(b)	(b)	(b)	1,000,000
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.2	0	0	0	0
PACs	4.0	0	0	0	4
Dioxins (grams)	1.3	0	0	0	1
Dioxins (ounces)	0.046	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	6,003,163	14,927	1,461,039	105,070	7,584,199

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.

Flint Creek Plant: Toxics Release Inventory for 2007

Plant: Flint Creek, Gentry, Arkansas
Contact: Scott Carney Telephone (479) 736-3526
2007 Generation 3,566,742 megawatthours
2007 Coal Burn 4,388,948,000 pounds

Flint Creek Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	(a)	(a)	(a)	(a)	(a)
Barium	2,705	7,800	381,405	980	392,890
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	(a)	(a)	(a)	(a)	(a)
Cobalt	(a)	(a)	(a)	(a)	(a)
Copper	185	2,300	15,570	2,700	20,755
Lead	129	57	3,790	55	4,031
Manganese	455	410	39,135	1,200	41,200
Mercury	132	1	8	2	143
Nickel	(a)	(a)	(a)	(a)	(a)
Selenium	(a)	(a)	(a)	(a)	(a)
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	235	0	21,988	0	22,223
Zinc	685	190	13,870	0	14,745
Hydrochloric Acid Aerosol	18,000	(b)	(b)	(b)	18,000
Hydrogen Fluoride	65,000	(b)	(b)	(b)	65,000
Sulfuric Acid Aerosol	(a)	(b)	(b)	(b)	(a)
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.1	0	0	0	0
PACs	1.4	0	0	0	1
Dioxins (grams)	0.4	0	0	0	0
Dioxins (ounces)	0.014	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	87,528	10,758	475,766	4,937	578,988

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.

Gavin Plant: Toxics Release Inventory for 2007

Plant: Gavin, Chesire, Ohio
Contact: Doug Workman Telephone (740) 925-3135
2007 Generation 18,959,094 megawatthours
2007 Coal Burn 14,901,690,000 pounds

Gavin Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	1,405	31	111,655	230	113,321
Barium	2,905	2,024	871,005	4,602	880,536
Beryllium	75	7	13,805	0	13,887
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	1,850	123	187,705	380,230	569,908
Cobalt	730	139	74,705	0	75,574
Copper	1,450	580	245,005	84,000	331,035
Lead	1,252	15	94,795	253	96,315
Manganese	2,250	0	289,005	38,000	329,255
Mercury	435	5	876	10	1,326
Nickel	1,950	593	163,005	150,000	315,548
Selenium	4,905	145	34,955	46	40,051
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	45	29	33,535	0	33,609
Vanadium	2,105	0	364,005	0	366,110
Zinc	4,505	838	241,405	0	246,748
Hydrochloric Acid Aerosol	540,000	(b)	(b)	(b)	540,000
Hydrogen Fluoride	61,000	(b)	(b)	(b)	61,000
Sulfuric Acid Aerosol	600,000	(b)	(b)	(b)	600,000
Ammonia	6,450	3,900	N/A	N/A	10,350
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.3	0	0	0	0
PACs	6.9	0	0	0	7
Dioxins (grams)	2.2	0	0	0	2
Dioxins (ounces)	0.078	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	1,233,319	8,430	2,725,461	657,371	4,624,580

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.

Glen Lyn Plant: Toxics Release Inventory for 2007

Plant: Glen Lyn, Glen Lyn, Virginia
Contact: Joe Ryder Telephone (540) 726-1212
2007 Generation 1,543,575 megawatthours
2007 Coal Burn 1,316,264,000 pounds

Gavin Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	84	28	11,125	100	11,337
Barium	155	642	83,005	2,000	85,802
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	(a)	(a)	(a)	(a)	(a)
Cobalt	(a)	(a)	(a)	(a)	(a)
Copper	(a)	(a)	(a)	(a)	(a)
Lead	77	0	9,153	108	9,338
Manganese	380	63	22,705	1,700	24,848
Mercury	61	0	33	4	98
Nickel	(a)	(a)	(a)	(a)	(a)
Selenium	(a)	(a)	(a)	(a)	(a)
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	155	0	34,205	0	34,360
Zinc	315	135	21,605	0	22,055
Hydrochloric Acid Aerosol	730,000	(b)	(b)	(b)	730,000
Hydrogen Fluoride	82,000	(b)	(b)	(b)	82,000
Sulfuric Acid Aerosol	67,000	(b)	(b)	(b)	67,000
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.0	0	0	0	0
PACs	0.6	0	0	0	1
Dioxins (grams)	0.2	0	0	0	0
Dioxins (ounces)	0.007	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	880,228	869	181,831	3,912	1,066,840

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.

Kammer/Mitchell Plant: Toxics Release Inventory for 2007

Plant: Kammer/Mitchell, Moundsville, West Virginia
Contact: Jeff Palmer Telephone (304) 843-6051
2007 Generation 12,838,760 megawatthours
2007 Coal Burn 9,804,290,000 pounds

Kammer/Mitchell Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	395	654	81,005	241	82,295
Barium	665	5,490	540,005	4,800	550,960
Beryllium	21	8	9,005	0	9,034
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	840	96	110,005	200,243	311,184
Cobalt	410	194	46,005	0	46,609
Copper	497	10,053	150,005	43,000	203,555
Lead	612	12	64,794	268	65,686
Manganese	970	4,660	140,005	20,000	165,635
Mercury	348	0	608	10	966
Nickel	1,040	11,920	96,005	6,700	115,665
Selenium	7,005	3,063	17,005	48	27,121
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	655	0	230,005	0	230,660
Zinc	1,905	14,100	150,005	0	166,010
Hydrochloric Acid Aerosol	3,100,000	(b)	(b)	(b)	3,100,000
Hydrogen Fluoride	220,000	(b)	(b)	(b)	220,000
Sulfuric Acid Aerosol	690,000	(b)	(b)	(b)	690,000
Ammonia	3,050	4,400	N/A	N/A	7,450
Chlorine	0	0	0	0	0
Benzo(g,h,i)perylene	0.2	0	0	0	0
PACs	4.6	0	0	0	5
Dioxins (grams)	1.4	0	0	0	1
Dioxins (ounces)	0.049	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	4,028,418	54,650	1,634,457	275,310	5,992,835

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.

Kanawha River Plant: Toxics Release Inventory for 2007

Plant: Kanawha River, Glasgow, West Virginia
Contact: Andrea Knopp Telephone (304) 353-3525
2007 Generation 2,194,249 megawatthours
2007 Coal Burn 1,767,086,000 pounds

Kanawha River Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	93	0	5	15,049	15,147
Barium	145	2,800	5	91,024	93,974
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	370	0	5	19,050	19,425
Cobalt	(a)	(a)	(a)	(a)	(a)
Copper	350	1,500	5	28,000	29,855
Lead	81	20	0	11,054	11,156
Manganese	400	100	5	25,400	25,905
Mercury	75	0	0	61	136
Nickel	400	180	5	21,400	21,985
Selenium	(a)	(a)	(a)	(a)	(a)
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	145	0	5	38,000	38,150
Zinc	385	30	5	27,000	27,420
Hydrochloric Acid Aerosol	2,000,000	(b)	(b)	(b)	2,000,000
Hydrogen Fluoride	110,000	(b)	(b)	(b)	110,000
Sulfuric Acid Aerosol	120,000	(b)	(b)	(b)	120,000
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.0	0	0	0	0
PACs	0.8	0	0	0	1
Dioxins (grams)	0.3	0	0	0	0
Dioxins (ounces)	0.011	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	2,232,445	4,630	40	276,039	2,513,154

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.

Mountaineer Plant: Toxics Release Inventory for 2007

Plant: Mountaineer, New Haven, West Virginia
Contact: David Thompson Telephone (304) 882-4023
2007 Generation 9,376,742 megawatthours
2007 Coal Burn 7,305,670,000 pounds

Mountaineer Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	285	39	60,205	81	60,610
Barium	425	1,300	461,005	1,600	464,330
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	680	20	95,805	120,081	216,586
Cobalt	125	0	37,805	0	37,930
Copper	365	60	121,705	26,000	148,130
Lead	265	0	49,689	87	50,041
Manganese	535	790	196,905	12,000	210,230
Mercury	329	0	533	3	865
Nickel	645	59	83,375	21,400	105,479
Selenium	2,405	74	18,125	47,000	67,604
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	515	0	187,605	0	188,120
Zinc	1,405	310	132,775	0	134,490
Hydrochloric Acid Aerosol	160,000	(b)	(b)	(b)	160,000
Hydrogen Fluoride	30,000	(b)	(b)	(b)	30,000
Sulfuric Acid Aerosol	210,000	(b)	(b)	(b)	210,000
Ammonia	3,250	0	N/A	N/A	3,250
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.1	0	0	0	0
PACs	3.4	0	0	0	3
Dioxins (grams)	1.1	0	0	0	1
Dioxins (ounces)	0.039	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	411,233	2,652	1,445,532	228,252	2,087,668

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.

Muskingum River Plant: Toxics Release Inventory for 2007

Plant: Muskingum River, Waterford, Ohio
Contact: Jim Ludwig Telephone (740) 984-3468
2007 Generation 8,503,986 megawatthours
2007 Coal Burn 6,534,540,000 pounds

Muskingum River Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	905	580	54,145	200	55,830
Barium	2,705	2,100	361,005	4,000	369,810
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	900	370	75,105	120,081	196,456
Cobalt	290	0	29,955	0	30,245
Copper	634	3,600	95,405	13,000	112,639
Lead	781	2	43,076	209	44,068
Manganese	1,110	210	96,505	5,800	103,625
Mercury	400	0	202	3	606
Nickel	965	560	63,305	23,000	87,830
Selenium	10,005	84	8,148	40	18,277
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	1,305	0	154,205	0	155,510
Zinc	2,305	500	100,705	0	103,510
Hydrochloric Acid Aerosol	8,100,000	(b)	(b)	(b)	8,100,000
Hydrogen Fluoride	410,000	(b)	(b)	(b)	410,000
Sulfuric Acid Aerosol	1,100,000	(b)	(b)	(b)	1,100,000
Ammonia	1,450	200	N/A	N/A	1,650
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.1	0	0	0	0
PACs	3.2	0	0	0	3
Dioxins (grams)	1.0	0	0	0	1
Dioxins (ounces)	0.035	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	9,633,758	8,206	1,081,761	166,334	10,890,059

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.

Northeastern Plant: Toxics Release Inventory for 2007

Plant: Northeastern, Oolagah, Oklahoma
Contact: Terri Waltman Telephone (918) 581-0063
2007 Generation 9,627,909 megawatthours
2007 Coal Burn 7,395,964,000 pounds

Northeastern Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	(a)	(a)	(a)	(a)	(a)
Barium	2,905	2,300	600,005	1,295	606,505
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	540	46	13,305	41,067	54,958
Cobalt	(a)	(a)	(a)	(a)	(a)
Copper	285	92	23,505	9,100	32,982
Lead	162	40	6,878	79	7,159
Manganese	890	680	57,005	4,100	62,675
Mercury	203	0	1	3	207
Nickel	630	38	14,905	16,000	31,573
Selenium	(a)	(a)	(a)	(a)	(a)
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	285	0	33,905	0	34,190
Zinc	985	76	23,805	0	24,866
Hydrochloric Acid Aerosol	29,000	(b)	(b)	(b)	29,000
Hydrogen Fluoride	110,000	(b)	(b)	(b)	110,000
Sulfuric Acid Aerosol	22,000	(b)	(b)	(b)	22,000
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.1	0	0	0	0
PACs	2.4	0	0	0	2
Dioxins (grams)	0.8	0	0	0	1
Dioxins (ounces)	0.028	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	167,888	3,272	773,314	71,644	1,016,117

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.

Oklaunion Plant: Toxics Release Inventory for 2007

Plant: Oklaunion, Vernon, Texas
Contact: Patrick Hunter Telephone (940) 886-2735
2007 Generation 4,206,063 megawatthours
2007 Coal Burn 5,176,882,000 pounds

Oklaunion Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	(a)	(a)	(a)	(a)	(a)
Barium	2,405	0	204,655	560	207,620
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	(a)	(a)	(a)	(a)	(a)
Cobalt	(a)	(a)	(a)	(a)	(a)
Copper	205	0	4,805	1,600	6,610
Lead	125	0	1,042	28	1,195
Manganese	730	0	27,305	750	28,785
Mercury	152	0	8	1	161
Nickel	540	0	6,015	3,000	9,555
Selenium	(a)	(a)	(a)	(a)	(a)
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	255	0	11,715	0	11,970
Zinc	745	0	5,875	0	6,620
Hydrochloric Acid Aerosol	7,000	(b)	(b)	(b)	7,000
Hydrogen Fluoride	22,000	(b)	(b)	(b)	22,000
Sulfuric Acid Aerosol	6,900	(b)	(b)	(b)	6,900
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.1	0	0	0	0
PACs	1.6	0	0	0	2
Dioxins (grams)	0.5	0	0	0	1
Dioxins (ounces)	0.018	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	41,059	0	261,420	5,939	308,418

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.

Picway Plant: Toxics Release Inventory for 2007

Plant: Picway, Lockbourne, Ohio
Contact: Amy Heinsman Telephone (614) 835-3003
2007 Generation 342,991 megawatthours
2007 Coal Burn 367,310,000 pounds

Oklaunion Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	(a)	(a)	(a)	(a)	(a)
Barium	(a)	(a)	(a)	(a)	(a)
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	(a)	(a)	(a)	(a)	(a)
Cobalt	(a)	(a)	(a)	(a)	(a)
Copper	(a)	(a)	(a)	(a)	(a)
Lead	39	0	2,386	28	2,453
Manganese	(a)	(a)	(a)	(a)	(a)
Mercury	55	0	14	0	69
Nickel	(a)	(a)	(a)	(a)	(a)
Selenium	(a)	(a)	(a)	(a)	(a)
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	(a)	(a)	(a)	(a)	(a)
Zinc	(a)	(a)	(a)	(a)	(a)
Hydrochloric Acid Aerosol	140,000	(b)	(b)	(b)	140,000
Hydrogen Fluoride	(a)	(b)	(b)	(b)	(a)
Sulfuric Acid Aerosol	40,000	(b)	(b)	(b)	40,000
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.0	0	0	0	0
PACs	0.2	0	0	0	0.20
Dioxins (grams)	(a)	0	0	0	(a)
Dioxins (ounces)	(a)	0	0	0	(a)
Dioxins (ounces TEQ) (c)	0	0	0	0	(a)
Totals	180,094	0	2,400	29	182,523

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.

Pirkey Plant: Toxics Release Inventory for 2007

Plant: Pirkey, Hallsville, Texas
Contact: Kelly Spencer Telephone (903) 927-5830
2007 Generation 4,824,719 megawatthours
2007 Coal Burn 8,021,214,000 pounds

Pirkey Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	145	10	18,005	0	18,160
Barium	1,705	590	910,005	0	912,300
Beryllium	64	1	20,805	0	20,870
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	970	2	65,005	600	66,577
Cobalt	105	8	24,305	0	24,418
Copper	265	5	65,005	130	65,405
Lead	333	10	46,154	0	46,497
Manganese	1,450	260	473,005	60	474,775
Mercury	1,080	0	481	0	1,561
Nickel	590	32	51,005	240	51,867
Selenium	3,205	32	20,205	0	23,442
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	17	5	41,005	0	41,027
Vanadium	435	0	138,005	0	138,440
Zinc	895	60	57,505	0	58,460
Hydrochloric Acid Aerosol	130,000	(b)	(b)	(b)	130,000
Hydrogen Fluoride	79,000	(b)	(b)	(b)	79,000
Sulfuric Acid Aerosol	42,000	(b)	(b)	(b)	42,000
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	0	0	N/A	N/A	0
Benzo(g,h,i)perylene	0.1	0	0	0	0
PACs	2.0	0	0	0	2.0
Dioxins (grams)	0.6	0	0	0	1
Dioxins (ounces)	0.021	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	262,261	1,014	1,930,495	1,030	2,194,800

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.

Rockport Plant: Toxics Release Inventory for 2007

Plant: Rockport, Rockport, Indiana
Contact: John LaGrange Telephone (812) 649-2050
2007 Generation 16,114,384 megawatthours
2007 Coal Burn 17,787,788,000 pounds

Rockport Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	145	0	27,405	0	27,550
Arsenic	575	142	42,905	0	43,622
Barium	9,205	9,238	2,050,005	13,000	2,081,448
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	1,250	92	83,005	250,000	334,347
Cobalt	290	23	32,705	0	33,018
Copper	885	601	143,005	56,000	200,491
Lead	703	21	46,813	664	48,201
Manganese	2,250	1,477	225,005	25,000	253,732
Mercury	861	0	351	27	1,239
Nickel	1,750	150	82,005	100,000	183,905
Selenium	(a)	(a)	(a)	(a)	(a)
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	39	0	22,205	0	22,244
Vanadium	1,405	0	192,005	0	193,410
Zinc	3,305	130	134,005	0	137,440
Hydrochloric Acid Aerosol	2,600,000	(b)	(b)	(b)	2,600,000
Hydrogen Fluoride	330,000	(b)	(b)	(b)	330,000
Sulfuric Acid Aerosol	140,000	(b)	(b)	(b)	140,000
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.2	0	0	0	0
PACs	5.9	0	0	0	5.9
Dioxins (grams)	1.9	0	0	0	2
Dioxins (ounces)	0.067	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	3,092,669	11,874	3,081,419	444,691	6,630,653

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.

Sporn Plant: Toxics Release Inventory for 2007

Plant: Sporn, New Haven, West Virginia
Contact: Ginger MacKnight Telephone (304) 882-1683
2007 Generation 6,154,440 megawatthours
2007 Coal Burn 5,097,968,000 pounds

Sporn Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	345	190	42,485	172	43,192
Barium	775	1,300	304,005	3,402	309,482
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	690	0	63,105	94,173	157,968
Cobalt	370	0	25,805	0	26,175
Copper	347	4	79,205	21,000	100,556
Lead	322	4,000	34,439	201	38,962
Manganese	790	0	82,305	9,400	92,495
Mercury	242	590	185	7	1,024
Nickel	790	0	54,405	38,000	93,195
Selenium	(a)	(a)	(a)	(a)	(a)
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	545	0	126,405	0	126,950
Zinc	1,305	0	82,205	0	83,510
Hydrochloric Acid Aerosol	5,300,000	(b)	(b)	(b)	5,300,000
Hydrogen Fluoride	310,000	(b)	(b)	(b)	310,000
Sulfuric Acid Aerosol	300,000	(b)	(b)	(b)	300,000
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.1	0	0	0	0
PACs	2.3	0	0	0	2.3
Dioxins (grams)	0.7	0	0	0	1
Dioxins (ounces)	0.025	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	5,916,523	6,084	894,549	166,355	6,983,512

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.

Tanners Creek: Toxics Release Inventory for 2007

Plant: Tanners Creek, Lawrenceburg, Indiana
Contact: Sharon McFarland Telephone (812) 532-3124
2007 Generation 6,053,687 megawatthours
2007 Coal Burn 5,716,880,000 pounds

Tanners Creek Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	(a)	(a)	(a)	(a)	(a)
Arsenic	125	0	29,665	64	29,854
Barium	505	2,900	560,005	1,300	564,710
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	470	0	48,005	4,665	53,140
Cobalt	69	150	18,905	0	19,124
Copper	210	3,700	64,005	1,000	68,915
Lead	137	16	26,254	79	26,486
Manganese	590	0	86,005	460	87,055
Mercury	272	0	124	3	399
Nickel	610	520	43,005	1,800	45,935
Selenium	(a)	(a)	(a)	(a)	(a)
Silver	(a)	(a)	(a)	(a)	(a)
Thallium	(a)	(a)	(a)	(a)	(a)
Vanadium	255	0	100,005	0	100,260
Zinc	795	53	67,405	0	68,253
Hydrochloric Acid Aerosol	2,800,000	(b)	(b)	(b)	2,800,000
Hydrogen Fluoride	220,000	(b)	(b)	(b)	220,000
Sulfuric Acid Aerosol	130,000	(b)	(b)	(b)	130,000
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	(a)	(a)	(a)	(a)	(a)
Benzo(g,h,i)perylene	0.1	0	0	0	0
PACs	2.3	0	0	0	2.3
Dioxins (grams)	0.7	0	0	0	1
Dioxins (ounces)	0.025	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	3,154,040	7,339	1,043,383	9,370	4,214,132

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.

Welsh: Toxics Release Inventory for 2007

Plant: Welsh, Pittsburg, Texas
Contact: Nicole Coalter Telephone (903) 853-4977
2007 Generation 10,502,938 megawatthours
2007 Coal Burn 12,948,372,000 pounds

Welsh Plant Estimated Releases for 2007 (Pounds)

Chemical	Air	Water	On-site Land	Off-site Transfer	Total
Antimony	125	110	2,905	0	3,140
Arsenic	255	110	795	3	1,163
Barium	11,005	17,000	520,005	68	548,078
Beryllium	(a)	(a)	(a)	(a)	(a)
Cadmium	(a)	(a)	(a)	(a)	(a)
Chromium	920	170	11,605	110,004	122,699
Cobalt	(a)	(a)	(a)	(a)	(a)
Copper	635	6,100	11,605	25,000	43,340
Lead	455	108	2,438	14	3,015
Manganese	1,950	300	58,905	11,000	72,155
Mercury	445	1	0	0	446
Nickel	1,080	720	15,005	45,000	61,805
Selenium	(a)	110	(a)	(a)	(a)
Silver	(a)	22	(a)	(a)	(a)
Thallium	(a)	110	(a)	(a)	(a)
Vanadium	905	0	30,005	0	30,910
Zinc	2,305	340	12,705	0	15,350
Hydrochloric Acid Aerosol	54,000	(b)	(b)	(b)	54,000
Hydrogen Fluoride	190,000	(b)	(b)	(b)	190,000
Sulfuric Acid Aerosol	18,000	(b)	(b)	(b)	18,000
Ammonia	(a)	(a)	N/A	N/A	(a)
Chlorine	0	3,000	N/A	N/A	3,000
Benzo(g,h,i)perylene	0.2	0	0	0	0
PACs	4.1	0	0	0	4.1
Dioxins (grams)	1.3	0	0	0	1
Dioxins (ounces)	0.046	0	0	0	0
Dioxins (ounces TEQ) (c)	0	0	0	0	0
Totals	282,084	28,201	665,973	191,089	1,167,347

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.