State of Kansas
Air Quality
State Implementation Plan

Interstate Transport for the National Ambient Air Quality Standards for 8-hour Ozone and $PM_{2.5}$

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I. Background

On March 10, 2005, the Environmental Protection Agency (EPA) issued the Clean Air Interstate Rule (CAIR). CAIR will permanently cap emissions of sulfur dioxide (SO_2) and nitrogen oxides (NO_x) in the eastern United States. SO_2 and NO_x contribute to the formation of fine particles and NO_x contributes to the formation of ground-level ozone. These pollutants also reduce visibility and damage sensitive ecosystems. CAIR would achieve reductions of SO_2 and/or NO_x emissions across 28 eastern states and the District of Columbia. EPA has reported that when fully implemented, CAIR will reduce SO_2 emissions in these states by over 70 percent and NO_x emissions by over 60 percent from 2003 levels.

Although Kansas was not included in the final CAIR rule making, Kansas is still required by the Clean Air Act (CAA) to submit a 110(a)(2)(D)(i) SIP submission addressing significant contribution to nonattainment and interference with maintenance of the 8-hour ozone and $PM_{2.5}$ NAAQS in any other states.

The "good neighbor" provisions in section 110(a)(2)(D)(i) of the CAA requires Kansas to submit a SIP that prohibits emissions that adversely affect another State in the ways contemplated in the statute. Section 110(a)(2)(D)(i) contains four distinct requirements related to the impacts of interstate transport. Each State must submit a SIP which contains adequate provisions:

> *prohibiting...any source or other type of emissions activity within the State from emitting any air pollutant in amounts which will –*
>
> *(I) contribute significantly to nonattainment in, or interfere with maintenance by, any other State with respect to any ... national primary or secondary air quality standard, or*
>
> *(II) interfere with measures required to be included in the applicable implementation plan for any other State ... to prevent significant deterioration of air quality or to protect visibility.*

II. EPA assessment of the "good neighbor" provisions on Kansas

In CAIR, the EPA reported that the threshold for evaluating the air quality component of determining whether an individual State's emissions "contribute significantly" to downwind nonattainment of the annual $PM_{2.5}$ standard, under CAA section 110(a)(2)(D) should be very small compared to the National Ambient Air Quality Standards (NAAQS). EPA stated, however, that the precision of the threshold should not exceed that of the NAAQS. Rounding the proposed value of 0.15, the nearest single digit corresponding to 1% of the $PM_{2.5}$ annual NAAQS is 0.2 µg/m3. The final rule is based on this threshold. EPA decided to apply this threshold such that any model result that is below this value (0.19 or less) indicated a lack of significant contribution, while values of 0.20 or higher

exceed the threshold. Using this metric for determining whether a State "contributes significantly" (before considering cost) to $PM_{2.5}$ nonattainment, EPA's updated modeling showed that Kansas did not meet or exceed the 0.2 μg/m^3 annual average $PM_{2.5}$ contribution threshold (Final rule pp.160-161).

State-by-State zero-out modeling was used as the modeling technique to quantify the contribution from SO_2 and NO_x emissions in individual States to future $PM_{2.5}$ nonattainment in other States. As part of the zero-out modeling technique, EPA removed the 2010 Base Case anthropogenic emissions of SO_2 and NO_x from 37 States in the East on a State-by-State basis in different Community Multiscale Air Quality (CMAQ) model runs.

The model predictions from the zero-out runs were used to calculate the contribution from each State to $PM_{2.5}$ at nonattainment receptors in other States through the following process: Step 1: the Speciated Modeled Attainment Test (SMAT) technique is applied for each zero-out run to calculate $PM_{2.5}$ concentrations at each Federal reference method (FRM) site (see Section IV.B); Step 2: for each of the 113 receptors, the difference between the 2010 Base $PM_{2.5}$ concentration and the $PM_{2.5}$ concentration for the zero-out run is calculated at that same receptor. The difference is defined as the contribution from the zero-out State to the nonattainment receptor.

EPA performed zero-out modeling using CMAQ for each of 37 States individually, including Kansas. Kansas' Maximum Downwind $PM_{2.5}$ Contribution was 0.11 μg/m^3. These results demonstrated that Kansas' emissions do not "contribute significantly" to downwind nonattainment of the annual $PM_{2.5}$ standard.

According to the Notice of Final Rulemaking- Air Quality Modeling Technical Support Document (NFR AQMTSD), the zero-out technique was used along with source apportionment to quantify the impact of emissions in specific upwind States on projected downwind nonattainment areas for 8-hour ozone. The outputs of the two types of modeling were used to calculate certain measures of contribution, called "metrics". The metrics were evaluated in terms of three key contribution factors to determine which States make a significant contribution to downwind ozone nonattainment. The significant contribution analysis completed for CAIR used the same modeling techniques, the same metrics, and the same three contribution factors as those used by EPA for the State-by-State determination in the NO_x SIP Call.

The zero-out and source apportionment modeling techniques provide different technical approaches to quantifying the downwind impact of emissions in upwind States. The zero-out modeling provides an estimate of downwind impacts by calculating the difference between the model estimates from a base case run to the estimates from a simulation in which the base case man-made emissions of NO_x and VOC are removed from a specific State.

In the proposal, EPA quantified the impact of emissions from specific upwind States on 8-hour ozone concentrations in projected downwind nonattainment areas, using zero-out and source apportionment to assess these contributions. Because large portions of the six states along the western border of the modeling domain (Kansas, Nebraska, North Dakota, Oklahoma, South Dakota, and Texas) were outside the area covered by EPA's modeling, EPA did not analyze the contributions to downwind nonattainment for these states. EPA provided guidance to these states on the methods that they could use to justify that each state did not significantly contribute to downwind ozone nonattainment areas. These methods are addressed by the State of Kansas in the following analysis.

III. Analysis of four requirements of "good neighbor" provisions on Kansas

A. SIP submission from Kansas pertaining to the "significant contribution" requirements of section 110(a)(2)(D)(i) and

B. SIP submission from Kansas pertaining to the "interfere with maintenance" requirements of section 110(a)(2)(D)(i).

1. Potentially Affected Metropolitan Areas

The Kansas City metropolitan area is the most likely to be affected by emissions from within the State of Kansas. The area is currently in attainment for ozone, but requires a maintenance plan. The State of Kansas is in the process of developing contingency measures which will be submitted to EPA Region 7 by June 15, 2007. These measures will be implemented in two phases. Phase I would be implemented in the event that Kansas City violated the 8-hour ozone standard, which may indeed occur in 2007. These measures would include EGU controls and idle reduction regulations that could reduce an additional 44 tons of NOx emissions per day. Phase II would only be implemented if Phase I controls would fail to bring the area into attainment. In addition, a significant amount of work is being done in both Kansas City and Wichita on local, voluntary NO_x and VOC reduction programs. The Kansas City area developed a comprehensive, community based Clean Air Action Plan (CAAP) to address voluntary strategies to reduce ground-level ozone.

Other urban areas potentially affected by emissions from Kansas are St. Louis, MO, Chicago, IL, and Door, Kenosha, and Ozaukee Counties in Wisconsin. These areas are located far enough from the Kansas border to be minimally affected. More importantly, the closest ozone nonattainment area to the State of Kansas, St. Louis, was modeled by EPA in attainment of the ozone standard under the CAIR program by 2010.

Modeling was performed by EPA and their contractors to determine significant contributions of the State's emissions to downwind areas across the eastern half of the United States for the Clean Air Interstate Rule (CAIR). This modeling effort

demonstrated that Kansas' emissions do not contribute significantly to air pollution in these areas for $PM_{2.5}$. The modeling domain for the ozone demonstration, however, did not cover the entire State of Kansas. Thus, EPA elected not to model Kansas' contribution to downwind ozone nonattainment areas. This modeling was conducted using emissions from the portion of Kansas east of 99° W. The following discussion will focus on the relative significance of emissions originating west of the 99th meridian because they were not included in EPA's modeling. The emissions from the eastern portion of the state will also be presented and the significant work in controlling emissions from this part of the state will be discussed.

2. Sources in Kansas

The focus of this discussion is on two ozone precursors, oxides of nitrogen (NO_x) and volatile organic compounds (VOCs). Most point sources of these ozone precursors are located in eastern Kansas, east of the 99th meridian. Kansas' major urban areas, and most of the population are also located in this eastern portion of the State. The contribution of mobile sources is predominantly from traffic in the eastern half of the State.

3. Emissions East and West of the 99th Meridian

Contributions from significant sources in Kansas east and west of the 99th meridian are presented in the table below.

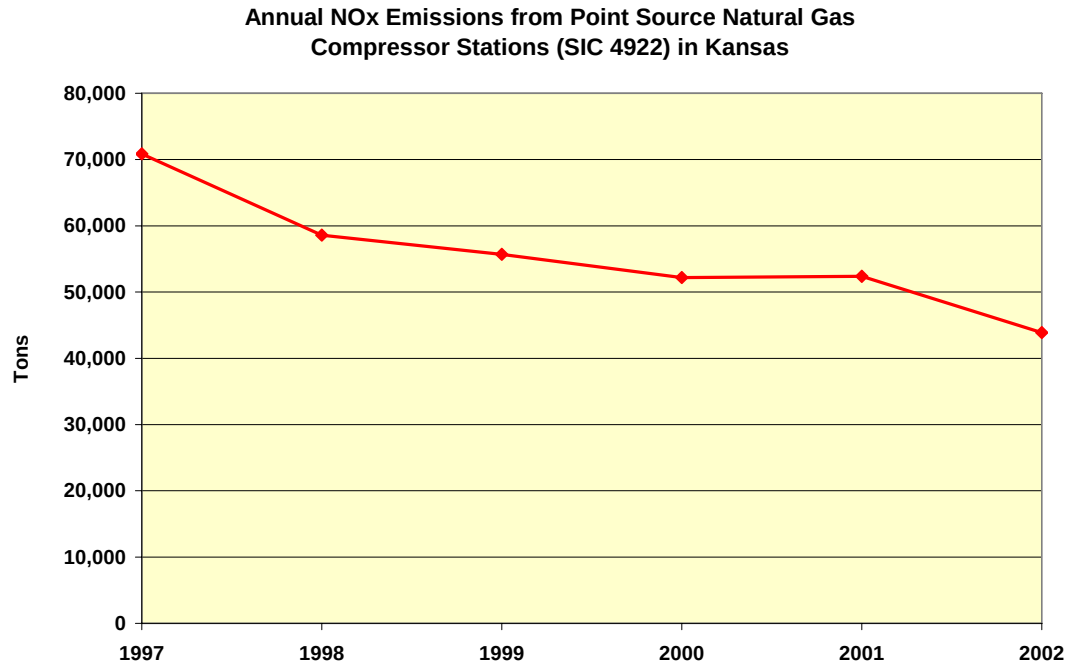
	Area (miles^2)	Population[a]	Point NO_x (tpy)[b]	Point VOCs (tpy)[b]
Kansas	82,282	2,688,418	158,828	20,879
East of 99° W	48,076	2,371,473	120,650	16,927
West of 99° W	34,206	316,945	38,178	3,952
% West of 99° W	**41.57**	**11.79**	**24.04**	**18.93**

[a] Per 2000 Census
[b] Per 2004 Kansas Emissions Inventory; tpy = tons per year

Point sources are the primary focus of CAIR due to their contribution to interstate transport of air pollution. With regard to point source emissions, the above table shows that only 24 percent of the annual NO_x emissions, and approximately 19 percent of the annual VOC emissions, can be attributed to sources west of the 99th meridian. Currently, one large facility, which would add three new Electric Generating Units (EGUs) to the point source totals, is planned for the western part of the State at Holcomb. All three of these units have gone through a BACT analysis. Because of the prevailing southerly winds in Western Kansas, no significant impacts on downwind ozone nonattainment or maintenance areas are anticipated.

Activities associated with the Hugoton gas field constitute the main existing source of NO_x in western Kansas. Trends in emissions inventories for this sector over the years 1997 to 2002 showed a significant decline in annual NO_x

emissions (see graph below). Declining production in this area will result in continued reductions in NO_x emissions in the future.



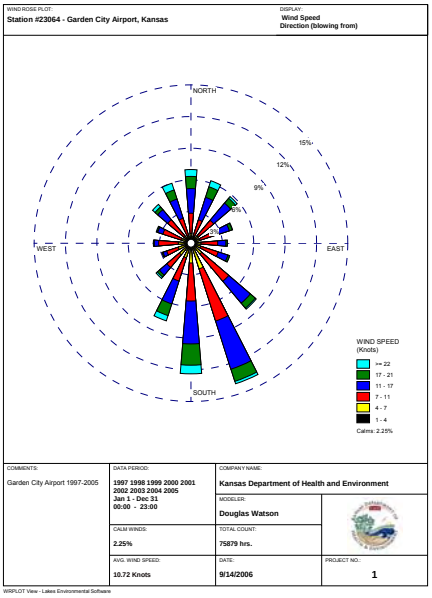
Source: Kansas Department of Health and Environment, Bureau of Air and Radiation, Point Source Emissions Inventory Database

4. Kansas Weather – Meteorological Considerations

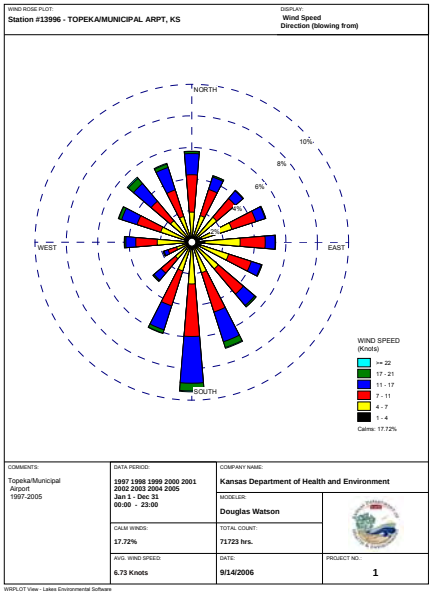
Because of the state's geographic location in the middle of the country, there are four distinct seasons in Kansas. Cold winters and hot, dry summers are the norms for the state. The other constant in Kansas weather is the wind. Kansas ranks high in the nation in average daily wind speed. In 2005, the average wind speed across the state was just below 9 miles per hour (mph). The predominant wind direction was from the south. These factors combine to affect the formation and transport of ozone.

The wind roses below depict wind conditions recorded at two National Weather Service sites; Garden City, in western Kansas, and Topeka, in eastern Kansas. These sites, from each side of the 99th meridian, show a representation of the wind speeds and directions for the period from 1997 through 2005. The wind speeds on the graphs are reported in knots (1 knot = 1.15 miles per hour). The predominant wind direction across the state of Kansas during this nine year period was from the south. Ozone season (April 1 – October 31) wind roses for both cities are also shown to illustrate that the predominant wind direction remains from the south during this time frame.

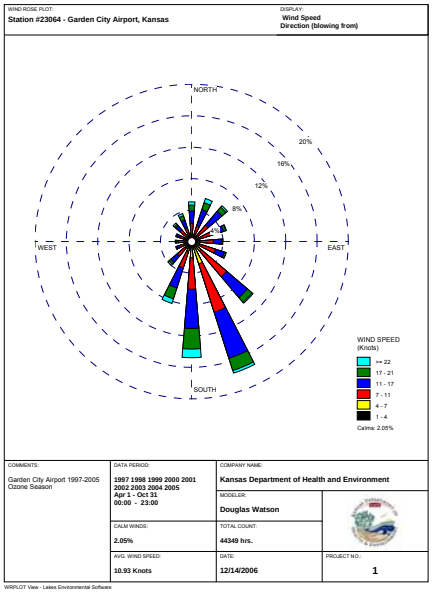
Meteorological conditions greatly affect the concentration of pollutants at a particular location, as well as the rate of dispersion of pollutants. The wind roses below show that prevailing winds across the entire state are from the south-southwest to the southeast. This pattern occasionally exposes the Kansas City metropolitan area to pollutants from other urban areas in the eastern part of Kansas.



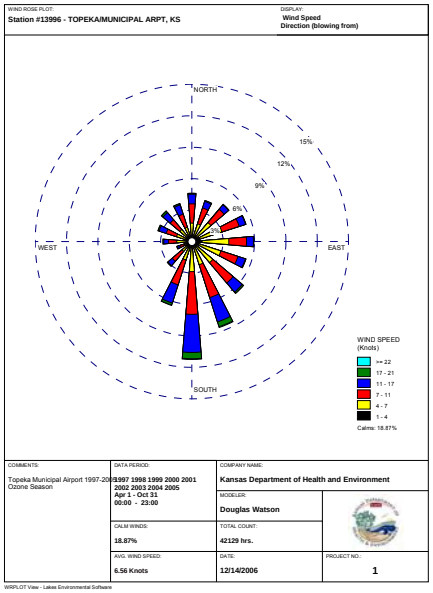
Annual Wind Rose for Garden City, KS



Annual Wind Rose for Topeka, KS



Ozone Season Wind Rose for Garden City, KS



Ozone Season Wind Rose for Topeka, KS

Given the low proportions of NO_x and VOCs emitted in Kansas west of the 99th meridian, and the prevailing winds across the State, there is a relatively low potential for transport directly into the Kansas City area or toward urban areas farther to the east. Contributions from the intrastate region west of the 99th meridian are relatively small, and given the distances and prevailing winds, these are not expected to be major contributors to areas in other States. Winds in the eastern section of the state also are predominantly from the south-southeast. Occasionally, this allows emissions to affect the Kansas City metropolitan area but significant efforts are employed on sources in Eastern Kansas to mitigate these impacts.

5. Trajectory Analyses

Forward trajectory analyses were performed for the area in Kansas west of the 99th meridian for which no CAIR modeling was completed. Forward trajectories were completed for a point in western Kansas centrally located between the two major point sources discussed above. The forward and backward trajectories were completed for the four high ozone readings for the years 2003-2005 in the areas most likely to be impacted by Kansas emissions (See Appendix F).

The trajectory analyses confirm that emissions from the portion of Kansas west of the 99th meridian have a minimal impact on downwind areas during high ozone readings (See Appendix G). The analysis also showed that the frequency of trajectory "contribution" to the 2010 ozone nonattainment receptors of Kenosho and Ozaukee Counties in Wisconsin were extremely low. The trajectories ran for Kenosha County showed only two instances where the 500meter trajectory passed through the state. Although these trajectories passed through the extreme eastern section of the state, the limited frequency leads the State to believe that Kansas has limited contributions to Kenosho County. In the same respect, only three 1500meter backward trajectories ran for Ozaukee County passed through the state of Kansas. In addition, these trajectories passed through the central part of the state where large, point sources are limited. No 500meter trajectories for Ozaukee County were shown to pass through or originate in the State of Kansas.

6. Future Outlook

Future reductions of emissions from Kansas will be realized with BART controls on electrical generating units to be applied under the Regional Haze Rule. In addition major sources in the State of Kansas are currently subject to PSD and NNSR permitting programs that implement the 8-hour NAAQS for ozone. The State is also on track to meet the June 15, 2007 deadline for SIP submissions adopting the requirements of the Phase II ozone implementation rule. Other significant work is being done in the eastern half of the state to limit emissions of NO_x and VOCs. One example of this is a Selective Catalytic Reduction (SCR)

installation project that is being placed on a large EGU south of the Kansas City metropolitan area. This project alone has the potential to reduce upwind NO_x emissions by 63 tons per day (23,000 tons/year). This project is set to come "on-line" in May 2007. This project will not only have potentially significant impacts on air quality in Kansas City, but will potentially affect many other areas downwind of this facility.

C. SIP submission from Kansas pertaining to the "prevention of significant deterioration" requirements of section 110(a)(2)(D)(i):

1. 8-hour ozone

The State of Kansas confirms that major sources in the state are currently subject to PSD and NNSR permitting programs that implement the 8-hour ozone standard. Also, the state of Kansas is on track to meet the June 15, 2007 deadline for SIP submissions adopting the requirements of the Phase II ozone implementation rule.

2. $PM_{2.5}$

The State of Kansas confirms that major sources in the state are currently subject to PSD and NNSR permitting programs implemented in accordance with EPA's interim guidance calling for use of PM_{10} as a surrogate for $PM_{2.5}$ in the PSD and NNSR programs.

D. SIP submission from Kansas pertaining to the "protect visibility" requirements of section 110(a)(2)(D)(i):

The State of Kansas verifies that no source within the State emits pollutants that interfere with measures included in the visibility SIPs under the 1980 regulations. In addition, the State of Kansas confirms that it is not possible at this time to assess whether there is any interference with measures in the applicable SIP for another State designed to "protect visibility" for 8-hour ozone and $PM_{2.5}$ NAAQS until regional haze SIPs are submitted and approved.

IV. Conclusion

The State of Kansas submits to the EPA that it has met the four distinct requirements for section 110(a)(2)(D)(i) of the Clean Air Act (CAA) for the 8-hour ozone and $PM_{2.5}$ National Ambient Air Quality Standards (NAAQS) and does not significantly contribute to nonattainment or interfere with maintenance of the NAAQS in another state.

V. Technical Support Documents for the Final CAIR

Demonstration that CAIR satisfies the "Better-than-BART" test as proposed in the guidelines for making BART determinations (www.epa.gov/CAIR/pdfs/finaltech04.pdf):

In the modeling presented in this document, the CAIR region includes Kansas, though Kansas is not part of the final CAIR region. Kansas 2015 EGU Emissions under CAIR plus BART was 49,000 tons for SO_2 and 39,000 tons for NO_x, while 2015 EGU Emissions under "BART nationwide" was 63,000 tons for SO_2 and 39,000 tons for NO_x.

Table I-1: State-by-State EGU Emissions Projections under CAIR + BART in 2015 (1000 tons).

CAIR-Region States	2015 EGU Emissions Under CAIR w/ BART in non-CAIR region		Non-CAIR Region States	2015 EGU Emissions under CAIR w/ BART in non-CAIR region	
	SO_2	NO_x		SO_2	NO_x
Alabama	255	49	Arizona	60	51
Arkansas†	82	32	California	3	19
Delaware†	18	7	Colorado	47	45
District Of Columbia	0	0	Connecticut*	3	7
Florida	167	61	Idaho	0	1
Georgia	249	66	Kansas	49	39
Illinois	239	65	Maine	5	2
Indiana	353	84	Massachusetts*	17	19
Iowa	125	39	Montana	20	37
Kentucky	271	64	Nebraska	30	33
Louisiana	62	30	Nevada	27	26
Maryland	24	12	New Hampshire	7	3
Michigan	385	85	New Mexico	52	32
Minnesota	72	37	North Dakota	82	44
Mississippi	86	12	Oklahoma	37	53
Missouri	245	58	Oregon	10	7
New Jersey†	21	11	Rhode Island	0	0
New York	41	34	South Dakota	2	3
North Carolina	139	49	Utah	53	50
Ohio	202	80	Vermont	0	0
Pennsylvania	133	77	Washington	9	12
South Carolina	106	36	Wyoming	69	44
Tennessee	161	27	Total	583	527
Texas	352	160			
Virginia	116	38			
West Virginia	116	44			
Wisconsin	132	32			
Total	4152	1289			

*Connecticut and Massachusetts are CAIR region States for purposes of summertime NO_x only and were modeled as such.

† Arkansas, Delaware, and New Jersey are subject to CAIR for summertime NO_x only but were modeled as being subject to CAIR for both NO_x and $PM_{2.5}$.

Table I-2: State-by-State EGU Emissions Projections under BART Nationwide in 2015 (1000 tons).

CAIR-Region State	2015EGU Emissions Under "BART nationwide"		Non-CAIR Region State	2015 EGU Emissions Under "BART nationwide"	
	SO_2	NO_x		SO_2	NO_x
Alabama	272	111	Arizona	60	51
Arkansas†	15	31	California	3	20
Delaware†	16	9	Colorado	47	45
District Of Columbia	0	0	Connecticut*	4	6
Florida	159	120	Idaho	0	1
Georgia	205	77	Kansas	63	39
Illinois	280	86	Maine	5	2
Indiana	1128	166	Massachusetts*	18	19
Iowa	96	51	Montana	27	37
Kentucky	307	91	Nebraska	71	33
Louisiana	31	38	Nevada	27	26
Maryland	84	24	New Hampshire	7	3
Michigan	219	85	New Mexico	52	32
Minnesota	114	50	North Dakota	88	43
Mississippi	25	19	Oklahoma	43	53
Missouri	184	66	Oregon	10	7
New Jersey†	39	13	Rhode Island	0	0
New York	131	44	South Dakota	2	3
North Carolina	91	56	Utah	53	50
Ohio	1100	169	Vermont	0	0
Pennsylvania	372	123	Washington	10	13
South Carolina	120	34	Wyoming	82	44
Tennessee	566	83	Total	671	526
Texas	257	181			
Virginia	217	61			
West Virginia	402	90			
Wisconsin	58	47			
Total	6491	1928			

*Connecticut and Massachusetts are CAIR region States for purposes of summertime NO_x only and were modeled as such.

† Arkansas, Delaware, and New Jersey are subject to CAIR for summertime NO_x only but were modeled as being subject to CAIR for both NO_x and $PM_{2.5}$.

Regional and State SO_2 and NO_x emissions budgets (http://www.epa.gov/CAIR/pdfs/finaltech06.pdf): Kansas is not included in this due to EPA's most recent modeling.

New commercial marine vehicle (CMV) inventory by state (http://www.epa.gov/CAIR/pdfs/finaltech01.pdf): Kansas (VOC = 7) (NO_X = 205) (CO = 27) (SO_2 = 56) (PM_{10} = 14) ($PM_{2.5}$ = 12)

Appendices

Appendix A

Table of Kansas' state-sector emission summary for the 2001 base, 2010 base, and 2015 base cases. (This information is also available electronically in the CAIR docket (item number OAR-2003-0053-1705) and the CAIR website as an Excel file named Emissions_summary_state_sector_2001-2010-2015.xls)

Appendix B

Table of Kansas' state-sector emission summary for the 2010 CAIR strategy and 2015 CAIR strategy emissions.

Appendix C

Listing of the 2001 NEI facilities which were either partially or fully identified as IPM sources, which were therefore removed from the 2001 base year Non-EGU file before projecting the future year Non-EGU files. The NEI IDs and ORIS Plant IDs are provided in this list, along with an indicator of whether only a portion of the complete facility emission records were removed. Emission totals (SO_2, NO_x, and $PM_{2.5}$) of both the removed (IPM-projected) portion and the retained (Non-EGU) portion are also included.

Appendix D

The 2010 CAIR $PM_{2.5}$ and 8-hour ozone concentrations for the 432 counties included in the analysis.

Appendix E

The 2015 CAIR $PM_{2.5}$ and 8-hour ozone concentrations for the 432 counties included in the analysis.

Appendix F

Table of the four high ozone readings for the years 2003-2005 for five localities included in the back trajectory analyses.

Appendix G

Trajectories modeled from multiple localities during the four highest ozone readings in the years 2003-2005. The trajectories were produced by HYSPLIT from the NOAA ARL website.

Indiana	afdust	0	0	0	0	0	0	0	0	0	0	0	0	307,355	313,496	316,199	54,771	55,637	55,949	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83,816	82,272	84,584
	avefire	1,844	1,844	1,844	698	698	698	25,996	25,996	25,996	24	24	24	2,750	2,750	2,750	2,693	2,693	2,693	19	19	19
	IPM	2,071			318,700			15,695			802,244			53,507			43,312			36		
	nonIPM	74,530	70,924	83,117	94,598	99,959	110,003	475,184	482,921	573,995	111,794	172,639	199,513	68,327	75,226	89,318	58,954	65,244	77,897	3,460	4,326	4,085
	nonroad	48,777	35,955	30,961	108,621	86,329	74,973	485,248	542,856	557,537	12,250	5,934	6,254	8,265	6,527	5,524	7,956	6,268	5,298	43	52	57
	on-road	134,794	71,969	55,409	232,963	127,561	80,820	1,780,208	1,087,513	974,822	9,927	809	899	6,290	4,113	3,503	4,778	2,582	1,911	7,273	8,730	9,564
	other area	259,115	224,985	233,924	45,165	47,281	48,129	173,387	145,901	136,619	9,114	9,292	9,248	41,159	38,795	38,314	29,174	26,887	26,083	2,948	3,339	3,754
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	1,259	1,481	1,644	576	676	744	0	0	0
Indiana Total		521,131	405,677	405,255	800,745	361,828	314,623	2,955,718	2,285,187	2,268,969	945,354	188,698	215,938	488,912	442,387	457,253	202,213	159,986	170,575	97,595	98,738	102,063
Iowa	afdust	0	0	0	0	0	0	0	0	0	0	0	0	389,879	391,365	387,686	70,859	70,861	69,945	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	212,654	219,166	226,189
	avefire	619	619	619	233	233	233	9,506	9,506	9,506	25	25	25	999	999	999	941	941	941	19	19	19
	IPM	708			81,244			6,278			139,976			6,700			5,345			14		
	nonIPM	11,065	7,351	8,582	28,043	30,142	37,786	6,556	9,227	13,155	90,700	86,037	125,377	10,958	10,331	11,730	6,873	6,823	7,769	4,145	4,887	5,384
	nonroad	34,873	26,711	22,530	88,218	69,205	58,605	287,364	316,933	323,041	8,400	1,560	1,154	8,332	5,853	4,618	8,041	5,635	4,441	41	50	55
	on-road	55,482	28,803	22,015	100,277	53,094	33,341	782,170	471,944	420,227	3,505	319	351	2,680	1,679	1,393	2,044	1,067	766	2,970	3,411	3,702
	other area	138,487	122,817	125,528	29,637	33,205	34,525	65,293	48,223	46,829	23,947	24,472	24,394	11,825	10,006	10,056	10,042	8,124	8,130	7,234	7,404	7,583
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
Iowa Total		241,234	186,301	179,274	327,652	185,879	164,490	1,157,167	855,833	812,758	266,553	112,413	151,301	431,374	420,234	416,484	104,146	93,451	91,993	227,077	234,937	242,932
Kansas	afdust	0	0	0	0	0	0	0	0	0	0	0	0	574,326	577,376	572,344	102,444	102,658	101,454	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133,458	142,610	145,180
	avefire	6,136	6,136	6,136	1,419	1,419	1,419	63,824	63,824	63,824	103	103	103	8,063	8,063	8,063	7,352	7,352	7,352	79	79	79
	IPM	1,208			89,044			7,114			120,257			7,822			6,145			54		
	nonIPM	26,700	23,398	26,387	85,655	88,988	98,370	96,194	116,308	129,958	18,123	22,869	23,898	13,798	15,537	17,301	9,578	10,870	12,085	858	1,009	1,099
	nonroad	24,406	17,017	14,771	85,742	64,657	55,195	261,471	290,613	301,049	7,296	681	171	7,082	4,875	3,823	6,845	4,704	3,684	34	41	45
	on-road	51,365	27,525	21,368	90,283	49,185	31,264	711,364	422,052	376,248	3,246	313	347	2,444	1,594	1,352	1,848	1,002	737	2,859	3,369	3,692
	other area	94,933	82,463	85,765	14,439	15,857	16,402	50,250	33,512	32,750	3,810	4,108	4,379	9,457	7,533	7,549	9,015	7,042	7,033	1,637	1,773	1,895
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	1,391	1,660	1,872	213	254	286	0	0	0
Kansas Total		204,748	156,539	154,427	366,582	220,106	202,650	1,190,217	926,309	903,829	152,836	28,074	28,898	624,383	616,638	612,305	143,440	133,882	132,630	138,979	148,881	151,990
Kentucky	afdust	0	0	0	0	0	0	0	0	0	0	0	0	108,329	110,477	114,377	19,297	19,455	20,077	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51,298	51,963	52,667
	avefire	4,968	4,968	4,968	2,080	2,080	2,080	88,958	88,958	88,958	364	364	364	8,936	8,936	8,936	8,080	8,080	8,080	278	278	278
	IPM	1,474			233,564			14,204			538,756			37,652			29,558			16		
	nonIPM	66,657	67,105	74,852	50,546	39,150	45,516	96,240	110,655	122,185	41,083	42,070	49,164	18,315	18,923	21,414	13,541	14,070	15,941	575	623	668
	nonroad	33,986	27,166	22,743	89,231	75,948	70,723	269,590	309,572	320,702	13,498	10,076	11,310	5,891	5,128	4,724	5,664	4,924	4,536	23	27	30
	on-road	84,417	44,449	33,987	157,966	83,213	51,705	1,143,466	664,674	587,047	6,497	536	594	4,343	2,766	2,335	3,307	1,746	1,279	4,914	5,757	6,293
	other area	126,168	110,521	113,645	74,118	80,916	84,657	104,712	92,704	89,177	57,002	55,012	56,673	18,711	18,098	17,969	16,955	16,295	16,113	1,242	1,371	1,521
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	551	551	601	298	298	325	0	0	0
Kentucky Total		317,670	254,209	250,195	607,505	281,307	254,681	1,717,170	1,266,563	1,208,069	657,201	108,058	118,105	202,728	164,879	170,357	96,699	64,867	66,352	58,347	60,019	61,457
Louisiana	afdust	0	0	0	0	0	0	0	0	0	0	0	0	110,868	117,319	120,673	19,530	20,641	21,202	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32,152	28,672	28,911
	avefire	13,087	13,087	13,087	4,631	4,631	4,631	207,238	207,238	207,238	892	892	892	48,324	48,324	48,324	43,428	43,428	43,428	682	682	682
	IPM	1,555			88,310			19,133			168,847			5,819			5,009			482		
	nonIPM	74,586	50,803	56,850	240,802	254,206	277,021	195,096	214,486	236,761	177,323	201,406	224,173	68,013	72,081	81,201	62,134	65,755	74,108	11,291	13,096	14,615
	nonroad	55,152	43,825	38,231	218,346	208,992	203,485	382,020	430,539	449,416	39,230	35,173	40,231	12,281	11,668	11,669	11,825	11,238	11,244	30	35	38
	on-road	79,613	43,230	33,530	129,693	69,845	44,132	990,187	559,792	491,864	5,075	463	515	3,685	2,379	2,017	2,795	1,499	1,103	4,244	4,984	5,458
	other area	114,746	99,673	104,561	93,735	106,174	113,002	48,663	40,735	41,081	90,952	125,217	135,365	15,433	16,183	16,925	12,346	12,177	12,606	22,827	23,082	23,289
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	5	5	6	3	3	4	0	0	0
Louisiana Total		338,739	250,618	246,259	775,516	643,848	642,271	1,842,336	1,452,790	1,426,360	482,319	363,151	401,176	264,427	267,959	280,815	157,071	154,742	163,695	71,708	70,551	72,993
Maine	afdust	0	0	0	0	0	0	0	0	0	0	0	0	13,921	14,688	15,397	2,319	2,463	2,591	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,568	5,948	5,907
	avefire	2,532	2,532	2,532	1,063	1,063	1,063	43,562	43,562	43,562	150	150	150	4,121	4,121	4,121	3,767	3,767	3,767	115	115	115
	IPM	400			4,807			3,146			7,688			184			161			40		
	nonIPM	4,562	4,438	5,012	18,897	23,791	24,156	11,764	13,691	15,221	31,735	43,518	40,017	13,076	14,799	16,372	10,146	11,270	12,720	123	162	156
	nonroad	26,351	24,432	20,014	9,165	7,255	5,990	136,840	158,406	159,660	898	172	132	1,448	1,326	1,133	1,365	1,243	1,060	11	13	14
	on-road	22,542	11,195	9,115	39,147	22,348	18,441	355,595	203,416	190,419	1,017	133	147	969	642	565	700	388	301	1,413	1,518	1,638
	other area	54,708	51,266	54,276	7,623	8,022	7,902	47,163	29,999	27,352	15,639	17,055	16,769	9,350	7,482	7,211	8,905	7,005	6,722	660	736	797
Maine Total		111,094	93,863	90,949	80,702	62,479	57,552	598,071	449,074	436,214	57,127	61,028	57,215	43,070	43,059	44,799	27,362	26,135	27,161	8,930	8,492	8,627

Maryland	afdust	0	0	0	0	0	0	0	0	0	0	0	0	36,682	41,132	43,664	6,377	7,075	7,442	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,571	24,434	25,899
	avefire	4,268	4,268	4,268	1,784	1,784	1,784	62,300	62,300	62,300	32	32	32	6,387	6,387	6,387	6,298	6,298	6,298	24	24	24
	IPM	560			75,644			3,346			255,331			19,782			18,424			97		
	nonIPM	7,248	6,690	7,480	24,921	21,245	24,082	123,087	128,728	150,982	37,639	39,024	46,937	7,178	6,767	7,671	4,443	4,268	4,855	373	443	458
	nonroad	43,820	28,348	25,893	44,906	37,758	33,804	406,138	468,773	498,733	4,981	2,506	2,653	4,063	3,409	3,078	3,867	3,238	2,917	25	29	32
	on-road	76,523	42,727	35,380	148,432	89,988	73,128	1,090,675	660,592	625,121	4,442	580	662	3,923	2,788	2,495	2,897	1,713	1,341	5,176	6,348	7,140
	other area	73,747	61,893	64,024	17,131	19,936	20,846	73,216	60,461	56,011	41,597	51,406	54,854	20,287	20,297	20,228	17,652	17,273	17,099	1,256	1,394	1,570
Maryland Total		206,165	143,926	137,045	312,819	170,711	153,644	1,758,763	1,380,854	1,393,147	344,022	93,548	105,138	98,302	80,780	83,524	59,958	39,865	39,951	30,522	32,672	35,123
Massachusetts	afdust	0	0	0	0	0	0	0	0	0	0	0	0	66,191	69,333	71,739	10,346	10,860	11,249	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,693	2,515	2,189
	avefire	1,280	1,280	1,280	534	534	534	22,858	22,858	22,858	93	93	93	2,300	2,300	2,300	2,080	2,080	2,080	71	71	71
	IPM	904			37,199			4,719			105,128			4,459			3,796			324		
	nonIPM	10,579	9,188	10,616	18,580	21,076	22,702	5,452	6,264	7,020	18,626	24,700	23,268	4,142	5,045	5,344	3,162	3,792	4,059	66	83	88
	nonroad	50,820	33,286	29,410	65,748	52,386	41,257	469,275	525,937	544,700	6,929	1,939	1,733	6,339	5,014	4,106	6,070	4,791	3,911	44	52	57
	on-road	82,023	40,988	33,106	149,864	87,268	70,848	1,193,602	651,545	602,341	3,738	546	605	3,859	2,697	2,394	2,807	1,641	1,277	5,368	6,044	6,611
	other area	126,264	108,027	114,117	25,129	27,679	28,058	81,193	60,811	59,030	68,173	81,128	85,724	15,631	13,557	13,319	14,398	12,155	11,887	5,017	5,530	6,104
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0
Massachusetts Total		271,870	192,769	188,529	297,054	188,943	163,399	1,777,100	1,267,415	1,235,949	202,687	108,406	111,423	102,922	97,948	99,203	42,659	35,319	34,463	13,583	14,295	15,120
Michigan	afdust	0	0	0	0	0	0	0	0	0	0	0	0	225,943	234,534	239,306	37,839	39,257	39,987	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53,231	53,589	52,745
	avefire	3,560	3,560	3,560	1,422	1,422	1,422	53,912	53,912	53,912	91	91	91	5,563	5,563	5,563	5,350	5,350	5,350	69	69	69
	IPM	1,389			157,668			14,570			354,825			18,320			15,152			72		
	nonIPM	56,607	49,909	56,905	105,103	107,576	127,553	83,444	93,254	109,297	77,341	86,043	101,121	18,671	20,490	23,202	14,220	15,564	17,560	393	464	500
	nonroad	140,904	118,715	98,557	108,181	90,550	80,034	963,545	1,087,502	1,106,608	13,315	7,537	8,172	10,833	9,547	8,424	10,293	9,042	7,968	67	80	87
	on-road	190,195	97,869	76,146	314,262	169,852	110,114	2,744,972	1,629,443	1,471,237	14,151	1,072	1,197	8,155	5,267	4,569	6,151	3,263	2,471	9,931	11,679	12,847
	other area	294,527	254,661	258,056	49,429	55,497	56,909	168,975	139,123	129,640	34,484	38,198	39,113	34,134	31,664	30,690	32,258	29,599	28,563	5,489	6,159	6,912
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	400	461	516	34	39	44	0	0	0
Michigan Total		687,182	524,714	493,224	736,064	424,897	376,032	4,029,419	3,003,234	2,870,694	494,207	132,941	149,694	322,018	307,526	312,270	121,297	102,115	101,943	69,253	72,040	73,160
Minnesota	afdust	0	0	0	0	0	0	0	0	0	0	0	0	520,021	518,209	513,641	89,132	88,505	87,403	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155,549	154,239	151,326
	avefire	6,263	6,263	6,263	2,766	2,766	2,766	123,691	123,691	123,691	631	631	631	12,168	12,168	12,168	10,684	10,684	10,684	482	482	482
	IPM	888			92,697			6,713			99,901			19,068			13,747			12		
	nonIPM	25,356	24,411	27,413	57,565	64,864	70,037	22,642	26,127	28,584	24,250	25,797	28,277	25,810	18,113	20,125	16,942	13,027	14,515	990	1,100	1,267
	nonroad	98,427	87,907	72,414	114,296	96,163	86,250	475,080	532,078	529,617	12,902	6,139	6,440	10,942	8,850	7,556	10,469	8,436	7,193	58	71	77
	on-road	91,293	52,220	41,053	170,088	96,807	63,578	1,274,936	902,748	839,341	4,181	586	663	4,358	2,959	2,570	3,258	1,852	1,399	5,326	6,336	7,062
	other area	178,116	145,463	148,527	22,048	23,638	24,232	105,522	56,547	52,853	5,699	5,965	6,135	20,592	14,610	14,343	19,539	13,506	13,206	3,776	4,001	4,237
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	849	926	1,018	343	375	413	0	0	0
Minnesota Total		400,343	316,264	295,670	459,460	284,238	246,863	2,008,584	1,641,191	1,574,086	147,564	39,118	42,146	613,807	575,835	571,422	164,113	136,384	134,814	166,193	166,229	164,451
Mississippi	afdust	0	0	0	0	0	0	0	0	0	0	0	0	148,944	148,345	149,398	26,160	25,963	26,121	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62,073	64,689	69,589
	avefire	17,239	17,239	17,239	5,942	5,942	5,942	262,748	262,748	262,748	1,051	1,051	1,051	27,980	27,980	27,980	24,944	24,944	24,944	804	804	804
	IPM	1,196			70,495			9,031			156,186			8,636			7,384			243		
	nonIPM	59,249	59,133	68,656	106,503	111,455	128,658	64,538	74,892	86,763	73,234	78,408	86,497	37,318	42,501	47,710	26,591	30,108	33,533	1,155	1,426	1,428
	nonroad	30,576	24,827	20,578	69,868	60,272	55,723	204,854	230,935	237,384	10,664	7,901	8,867	4,933	4,253	3,881	4,736	4,077	3,721	19	23	25
	on-road	59,917	28,827	20,863	116,572	57,144	33,407	718,609	375,183	317,217	4,350	324	345	3,477	2,047	1,609	2,706	1,349	916	3,469	3,640	3,811
	other area	120,325	104,863	110,979	4,093	4,804	5,060	31,821	27,732	26,699	482	339	453	9,326	9,549	9,761	7,864	7,761	7,815	798	907	1,021
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	1	1	1	0	0	0
Mississippi Total		288,502	234,889	238,315	373,473	239,617	228,790	1,291,601	971,490	930,811	245,967	88,023	97,213	240,617	234,678	240,342	100,385	94,203	97,051	68,562	71,489	76,678
Missouri	afdust	0	0	0	0	0	0	0	0	0	0	0	0	525,852	537,247	541,109	85,085	86,799	87,280	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	107,169	104,940	104,847
	avefire	3,435	3,435	3,435	1,397	1,397	1,397	54,047	54,047	54,047	186	186	186	6,188	6,188	6,188	5,681	5,681	5,681	142	142	142
	IPM	1,578			150,068			10,870			246,545			10,579			8,604			17		
	nonIPM	34,559	31,628	36,287	36,272	36,621	41,744	103,569	118,177	131,169	115,366	130,542	144,127	15,681	16,003	18,174	10,559	10,588	12,069	3,968	4,651	5,126
	nonroad	54,607	40,150	34,531	119,734	95,279	86,216	472,525	539,769	563,203	12,941	6,271	6,616	8,643	6,808	5,918	8,302	6,526	5,667	40	47	52
	on-road	118,537	64,563	49,481	209,689	114,198	71,395	1,604,812	970,330	862,410	6,965	767	858	5,681	3,834	3,306	4,259	2,391	1,795	6,944	8,315	9,165
	other area	169,783	141,283	146,517	35,328	36,371	37,083	107,587	67,303	64,313	34,228	37,286	37,581	20,428	15,908	15,868	18,619	13,892	13,774	3,806	3,986	4,153
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	797	945	1,059	78	90	101	0	0	0
Missouri Total		382,499	281,059	270,251	552,487	283,866	237,835	2,353,411	1,749,626	1,675,142	416,231	175,052	189,368	593,848	586,933	591,623	141,186	125,967	126,368	122,086	122,081	123,485

Montana	afdust	0	0	0	0	0	0	0	0	0	0	0	0	173,077	178,917	180,359	30,195	31,110	31,280	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45,209	45,205	44,373
	avefire	10,631	10,631	10,631	5,401	5,401	5,401	211,269	211,269	211,269	1,422	1,422	1,422	20,735	20,735	20,735	18,097	18,097	18,097	946	946	946
	IPM	360			40,849			2,983			27,944			7,926			4,928			3		
	nonIPM	3,696	3,626	4,015	16,241	17,586	20,646	50,399	59,165	65,012	23,165	25,300	28,184	10,007	10,123	11,953	6,533	6,389	7,325	407	442	477
	nonroad	12,142	10,599	8,821	67,243	48,020	44,100	89,085	101,923	105,551	5,004	447	118	3,747	2,646	2,180	3,622	2,552	2,102	13	16	18
	on-road	18,554	10,455	8,349	37,238	21,367	13,935	293,063	191,363	177,063	1,255	121	138	975	656	558	750	421	309	1,019	1,277	1,440
	other area	46,729	39,776	38,884	10,346	12,475	13,059	23,817	19,188	17,977	1,236	1,215	1,244	4,627	4,221	4,136	4,389	3,969	3,874	269	309	344
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	817	1,032	1,166	125	156	176	0	0	0
Montana Total		92,112	75,087	70,700	177,318	104,849	97,141	670,617	582,908	576,872	60,026	28,505	31,106	221,911	218,330	221,087	68,639	62,693	63,163	47,866	48,195	47,598
Nebraska	afdust	0	0	0	0	0	0	0	0	0	0	0	0	429,668	436,237	435,986	73,819	74,654	74,351	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132,637	136,842	139,772
	avefire	921	921	921	409	409	409	18,827	18,827	18,827	105	105	105	1,846	1,846	1,846	1,600	1,600	1,600	80	80	80
	IPM	628			49,659			5,723			70,485			2,831			2,206			8		
	nonIPM	7,231	7,961	9,760	11,538	13,084	14,912	7,669	8,831	10,214	7,099	8,377	9,429	4,516	5,621	6,506	2,711	3,388	3,929	14	17	19
	nonroad	18,876	14,147	12,160	95,994	70,153	62,713	172,118	190,843	196,860	7,507	686	179	6,314	4,352	3,500	6,106	4,202	3,378	26	31	34
	on-road	33,287	17,475	13,528	61,595	33,065	20,978	475,112	285,017	255,640	2,144	200	222	1,647	1,047	878	1,254	664	482	1,842	2,140	2,347
	other area	76,588	70,441	71,103	13,762	15,882	16,472	16,010	11,158	10,946	9,846	13,396	13,528	4,286	3,929	3,982	3,839	3,389	3,429	598	699	783
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	703	836	933	56	67	75	0	0	0
Nebraska Total		137,531	110,945	107,472	232,957	132,593	115,484	695,458	514,676	492,487	97,186	22,764	23,463	451,811	453,868	453,630	91,590	87,964	87,244	135,205	139,809	143,035
Nevada	afdust	0	0	0	0	0	0	0	0	0	0	0	0	87,262	102,582	109,721	15,680	18,561	19,888	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,110	6,402	6,506
	avefire	11,048	11,048	11,048	5,003	5,003	5,003	231,404	231,404	231,404	1,346	1,346	1,346	22,566	22,566	22,566	19,401	19,401	19,401	1,026	1,026	1,026
	IPM	509			44,137			3,143			54,698			4,271			3,410			62		
	nonIPM	878	1,042	1,238	4,692	5,711	6,482	16,038	19,201	21,105	656	771	872	2,180	2,536	2,834	1,298	1,501	1,676	14	18	22
	nonroad	16,760	11,619	10,370	25,926	20,219	17,101	165,550	184,355	195,756	2,353	383	243	2,173	1,718	1,417	2,083	1,641	1,350	14	16	18
	on-road	36,302	24,297	19,903	56,560	39,183	26,365	437,695	319,706	302,973	1,049	259	309	1,459	1,260	1,172	1,071	778	632	1,934	2,828	3,320
	other area	35,984	40,457	45,816	7,168	8,257	8,917	7,668	7,089	7,106	3,452	3,156	3,461	2,605	2,814	2,952	2,297	2,487	2,603	915	1,124	1,302
Nevada Total		101,481	88,463	88,375	143,487	78,373	63,868	861,498	761,755	758,344	63,554	5,915	6,231	122,516	133,476	140,662	45,241	44,369	45,550	10,076	11,414	12,194
New Hampshire	afdust	0	0	0	0	0	0	0	0	0	0	0	0	5,157	5,673	6,059	821	903	964	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,512	1,358	1,208
	avefire	1,732	1,732	1,732	710	710	710	26,312	26,312	26,312	38	38	38	2,690	2,690	2,690	2,601	2,601	2,601	29	29	29
	IPM	156			8,436			1,997			48,522			2,800			2,696			15		
	nonIPM	2,766	1,706	1,986	2,743	3,392	3,545	3,006	3,526	3,994	5,250	7,385	6,886	1,751	2,047	2,260	1,642	1,899	2,119	47	61	66
	nonroad	18,305	15,145	12,600	8,669	7,078	5,989	115,785	132,074	134,930	842	305	299	1,121	996	868	1,057	937	814	8	10	10
	on-road	20,360	11,692	10,029	40,999	25,799	21,223	315,151	209,462	204,955	1,014	140	160	1,062	728	630	801	461	345	1,235	1,505	1,686
	other area	32,750	27,350	28,547	5,038	5,379	5,400	35,415	23,670	22,072	10,137	11,141	11,044	6,759	5,497	5,386	6,416	5,124	4,996	550	620	683
New Hampshire Total		76,069	57,625	54,894	66,595	42,358	36,867	497,666	395,044	392,263	65,803	19,009	18,427	21,340	17,631	17,893	16,034	11,925	11,839	3,396	3,583	3,682
New Jersey	afdust	0	0	0	0	0	0	0	0	0	0	0	0	32,621	36,712	39,186	5,321	5,956	6,324	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,093	5,106	4,879
	avefire	876	876	876	360	360	360	15,399	15,399	15,399	61	61	61	1,557	1,557	1,557	1,414	1,414	1,414	47	47	47
	IPM	569			36,092			3,245			52,812			4,233			3,760			38		
	nonIPM	21,679	24,433	25,717	20,118	20,310	21,596	9,296	10,336	11,140	11,624	12,408	12,873	4,061	4,651	4,960	3,432	4,046	4,277	189	220	230
	nonroad	68,022	43,687	39,348	56,957	46,822	39,772	640,063	737,807	779,254	5,740	2,402	2,432	5,735	4,784	4,217	5,449	4,537	3,987	41	47	51
	on-road	98,836	54,747	43,808	184,757	110,982	89,094	1,348,463	833,140	767,868	4,802	745	835	4,856	3,465	3,088	3,526	2,099	1,645	6,901	8,238	9,092
	other area	174,479	134,722	138,884	38,184	41,073	41,442	100,470	71,528	63,069	47,900	52,430	52,763	23,589	21,246	20,605	21,204	18,551	17,772	4,051	4,391	4,809
New Jersey Total		364,461	258,465	248,633	336,468	219,547	192,264	2,116,936	1,668,210	1,636,730	122,940	68,046	68,964	76,652	72,415	73,613	44,105	36,604	35,419	16,360	18,049	19,108
New Mexico	afdust	0	0	0	0	0	0	0	0	0	0	0	0	465,738	475,680	480,650	71,712	73,530	74,394	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33,436	41,553	46,075
	avefire	28,263	28,263	28,263	12,905	12,905	12,905	594,265	594,265	594,265	3,450	3,450	3,450	57,847	57,847	57,847	49,790	49,790	49,790	2,626	2,626	2,626
	IPM	669			83,598			4,985			62,480			13,313			9,744			65		
	nonIPM	12,962	13,100	14,042	79,543	84,897	84,693	34,534	42,064	43,579	76,313	91,205	86,198	4,207	5,116	5,376	3,083	3,731	3,897	42	48	51
	nonroad	12,628	9,840	8,652	40,566	28,413	26,184	118,683	136,915	145,328	2,909	293	110	1,986	1,528	1,315	1,910	1,466	1,260	9	10	11
	on-road	46,654	27,278	22,047	78,265	46,430	30,573	602,168	379,856	350,302	2,674	284	329	2,107	1,487	1,304	1,604	944	717	2,354	3,036	3,464
	other area	51,726	50,811	53,607	25,476	29,634	31,424	21,151	19,080	18,762	8,458	4,508	5,943	5,572	5,390	5,614	4,868	4,781	4,930	389	434	487
New Mexico Total		152,902	129,292	126,611	320,353	202,279	185,779	1,375,786	1,172,180	1,152,236	156,284	99,740	96,030	550,770	547,048	552,106	142,711	134,242	134,988	38,921	47,707	52,714
New York	afdust	0	0	0	0	0	0	0	0	0	0	0	0	146,772	157,649	163,555	24,250	26,037	26,943	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50,334	47,782	44,527
	avefire	5,076	5,076	5,076	2,039	2,039	2,039	76,314	76,314	76,314	113	113	113	7,864	7,864	7,864	7,598	7,598	7,598	86	86	86
	IPM	2,071			92,831			15,561			263,165			16,679			15,137			1,257		
	nonIPM	6,670	5,886	6,633	49,135	44,112	50,072	44,483	55,101	63,155	78,328	80,230	93,697	7,494	7,575	8,689	5,496	5,627	6,454	1,078	1,058	1,217
	nonroad	131,038	95,842	83,104	153,524	129,717	114,084	1,167,483	1,347,860	1,412,562	17,824	9,494	10,128	13,294	11,214	9,841	12,695	10,687	9,363	83	98	108
	on-road	212,330	115,287	94,606	377,204	225,563	184,683	3,069,354	1,823,694	1,699,726	10,359	1,342	1,471	9,827	6,749	5,902	7,223	4,125	3,154	13,215	14,992	16,266
	other area	413,259	348,348	354,694	63,694	64,396	64,628	340,512	241,478	212,983	158,860	156,008	159,043	66,688	55,381	51,816	59,669	48,406	44,741	10,258	11,237	12,121

New York Total		770,444	570,439	544,113	738,427	465,827	415,506	4,713,706	3,544,447	3,464,740	528,649	247,187	264,452	268,618	246,432	247,667	132,067	102,480	98,253	76,311	75,253	74,325
North Carolina	afdust	0	0	0	0	0	0	0	0	0	0	0	0	93,843	97,755	102,083	16,858	17,359	18,045	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	156,010	171,267	181,517
	avefire	77,359	77,359	77,359	13,689	13,689	13,689	644,350	644,350	644,350	696	696	696	27,670	27,670	27,670	25,328	25,328	25,328	532	532	532
	IPM	951			152,863			9,707			458,977			27,029			22,575			19		
	nonIPM	74,605	68,604	81,018	59,524	53,546	62,221	74,489	85,329	97,830	66,448	75,666	83,382	19,767	21,035	23,727	15,164	15,804	17,890	1,876	2,196	2,474
	nonroad	72,951	50,981	43,985	77,895	58,591	47,408	702,706	785,555	815,113	7,002	1,639	1,374	7,190	5,790	4,815	6,863	5,509	4,569	48	56	61
	on-road	172,320	94,532	72,588	276,699	150,713	93,967	2,102,376	1,229,518	1,086,447	10,594	1,018	1,140	7,719	5,148	4,427	5,829	3,226	2,413	9,129	10,998	12,140
	other area	237,395	220,789	234,873	14,766	17,248	17,969	127,140	110,668	105,228	31,872	32,592	33,698	30,713	31,114	31,419	27,639	27,601	27,681	2,122	2,385	2,657
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	3	4	4	0	0	0	0	0	0
North Carolina Total		635,580	512,265	509,823	595,435	293,787	235,254	3,660,768	2,855,420	2,748,968	575,589	111,611	120,290	213,934	188,516	194,145	120,256	94,827	95,927	169,736	187,434	199,381
North Dakota	afdust	0	0	0	0	0	0	0	0	0	0	0	0	324,745	325,098	323,161	60,603	60,449	59,960	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58,125	57,555	56,227
	avefire	561	561	561	251	251	251	11,607	11,607	11,607	66	66	66	1,136	1,136	1,136	981	981	981	50	50	50
	IPM	862			79,411			7,211			156,098			7,941			6,468			8		
	nonIPM	203	189	179	7,450	7,886	7,846	3,665	4,211	4,313	66,179	70,024	68,153	2,673	2,707	2,692	2,511	2,584	2,574	12	14	14
	nonroad	13,477	10,783	8,858	58,424	45,943	39,164	97,595	103,046	102,747	5,302	457	71	5,626	3,738	2,866	5,445	3,613	2,768	25	30	33
	on-road	13,838	7,052	5,439	26,378	13,838	8,762	215,951	128,770	115,914	878	79	88	693	426	353	532	273	195	734	836	918
	other area	64,111	54,183	50,184	18,463	19,182	19,707	23,099	16,139	15,488	56,233	52,762	52,829	4,450	3,550	3,512	3,115	2,283	2,240	202	222	243
North Dakota Total		93,052	72,768	65,221	190,377	87,100	75,730	359,128	263,773	250,069	284,756	123,388	121,207	347,264	336,656	333,720	79,656	70,183	68,718	59,156	58,707	57,485
Ohio	afdust	0	0	0	0	0	0	0	0	0	0	0	0	249,147	259,499	264,426	45,282	47,037	47,812	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61,719	62,147	62,702
	avefire	3,011	3,011	3,011	1,141	1,141	1,141	41,605	41,605	41,605	22	22	22	4,409	4,409	4,409	4,357	4,357	4,357	17	17	17
	IPM	1,697			339,638			15,849			1,155,173			69,201			59,683			25		
	nonIPM	45,039	35,667	41,528	83,112	80,194	93,273	268,698	267,956	314,477	118,582	113,682	144,137	22,739	23,439	27,142	17,803	18,499	21,420	3,035	3,342	3,596
	nonroad	97,883	69,467	60,695	165,361	132,860	116,357	933,226	1,055,003	1,094,526	19,033	9,963	10,652	12,631	10,397	9,054	12,111	9,945	8,648	71	83	91
	on-road	196,854	101,783	77,320	333,185	177,487	110,761	2,605,951	1,527,784	1,365,388	14,613	1,194	1,330	8,967	5,874	5,082	6,750	3,641	2,748	10,974	13,000	14,273
	other area	308,848	281,685	299,348	60,551	66,935	68,313	139,727	122,576	117,176	67,584	74,298	75,559	33,876	33,264	33,133	30,047	29,109	28,835	5,956	6,555	7,293
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	1,194	1,366	1,553	695	795	909	0	0	0
Ohio Total		653,332	491,613	481,902	982,988	458,617	389,845	4,005,055	3,014,924	2,933,172	1,375,007	199,159	231,700	402,164	338,247	344,800	176,727	113,383	114,729	81,797	85,144	87,972
Oklahoma	afdust	0	0	0	0	0	0	0	0	0	0	0	0	463,093	474,137	476,999	76,436	78,164	78,465	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100,966	104,399	106,168
	avefire	4,361	4,361	4,361	1,923	1,923	1,923	87,506	87,506	87,506	469	469	469	8,608	8,608	8,608	7,506	7,506	7,506	359	359	359
	IPM	1,086			86,224			12,067			107,066			5,139			4,291			227		
	nonIPM	23,544	19,925	22,007	100,393	98,822	108,623	58,544	65,480	71,361	32,307	35,428	39,882	10,832	12,081	13,764	8,202	9,157	10,458	3,490	3,941	4,431
	nonroad	30,516	21,896	18,691	54,163	40,733	35,008	283,923	318,537	333,095	4,582	524	233	4,643	3,390	2,760	4,458	3,245	2,637	25	29	32
	on-road	81,612	44,113	34,537	136,338	75,076	48,131	1,055,761	612,230	547,429	5,836	487	544	3,782	2,469	2,115	2,868	1,548	1,153	4,412	5,263	5,794
	other area	134,221	137,639	143,451	30,289	33,392	35,255	32,665	25,673	25,439	5,280	6,217	6,730	9,090	8,836	9,090	8,401	8,039	8,242	7,736	7,889	8,029
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	108	126	141	13	17	19	0	0	0
Oklahoma Total		275,340	227,934	223,047	409,331	249,946	228,940	1,530,466	1,109,426	1,064,830	155,540	43,125	47,858	505,295	509,646	513,477	112,175	107,675	108,480	117,215	121,880	124,813
Oregon	afdust	0	0	0	0	0	0	0	0	0	0	0	0	56,443	59,322	60,635	9,507	9,966	10,164	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43,461	39,462	40,108
	avefire	44,660	44,660	44,660	20,122	20,122	20,122	845,553	845,553	845,553	4,896	4,896	4,896	82,346	82,346	82,346	71,637	71,637	71,637	3,542	3,542	3,542
	IPM	245			12,799			1,565			17,881			833			682			1		
	nonIPM	16,269	13,530	15,311	16,194	17,986	21,628	57,363	66,851	75,189	9,060	10,040	11,795	11,288	12,251	13,870	8,553	9,195	10,422	67	70	89
	nonroad	37,246	28,175	24,406	58,011	48,250	42,615	328,335	380,866	400,183	7,204	3,976	4,292	4,663	3,919	3,432	4,466	3,742	3,273	26	30	33
	on-road	64,967	38,798	31,744	116,196	69,619	46,143	920,038	607,862	569,318	4,547	463	541	3,128	2,234	2,016	2,364	1,390	1,091	3,627	4,853	5,616
	other area	157,986	151,881	167,745	14,110	15,207	16,384	47,759	33,799	32,643	21,602	21,834	23,511	12,255	11,319	11,688	11,487	10,388	10,679	292	319	349
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	9	11	13	4	5	6	0	0	0
Oregon Total		321,373	277,044	283,866	237,433	171,184	146,892	2,200,613	1,934,931	1,922,886	65,190	41,209	45,035	170,965	171,402	174,000	108,700	106,324	107,272	51,016	48,276	49,737
Pennsylvania	afdust	0	0	0	0	0	0	0	0	0	0	0	0	120,404	128,874	134,279	21,186	22,657	23,581	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73,417	71,030	71,486
	avefire	5,617	5,617	5,617	2,188	2,188	2,188	78,438	78,438	78,438	32	32	32	8,222	8,222	8,222	8,146	8,146	8,146	25	25	25
	IPM	2,006			222,692			21,563			971,947			66,074			58,464			114		
	nonIPM	46,243	39,634	45,214	105,740	102,870	114,810	107,778	117,839	131,859	118,615	118,629	141,842	24,648	23,638	26,892	18,632	18,059	20,598	1,278	1,388	1,503
	nonroad	87,254	66,418	57,294	123,448	100,898	89,284	891,025	1,023,698	1,069,892	13,945	7,860	8,480	9,270	8,020	7,054	8,873	7,655	6,726	55	65	72
	on-road	175,978	95,632	78,421	327,114	193,428	153,638	2,520,921	1,494,400	1,403,706	9,781	1,160	1,294	8,608	5,793	4,990	6,439	3,612	2,710	10,599	12,580	13,832
	other area	285,538	239,045	249,638	54,064	59,927	60,946	223,429	185,342	172,540	94,312	104,863	105,165	46,326	43,012	41,881	42,297	38,811	37,628	6,050	6,590	7,261
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	230	246	275	97	103	115	0	0	0
Pennsylvania Total		602,636	446,346	436,184	835,246	459,311	420,866	3,843,154	2,899,717	2,856,435	1,208,632	232,544	256,813	283,781	217,804	223,593	164,134	99,042	99,504	91,539	91,678	94,179

Rhode Island	afdust	0	0	0	0	0	0	0	0	0	0	0	0	3,277	3,755	4,083	528	610	663	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	381	534	510
	avefire	103	103	103	42	42	42	1,498	1,498	1,498	1	1	1	154	154	154	151	151	151	1	1	1
	IPM	83			1,203			1,735			25			62			60			0		
	nonIPM	2,598	1,854	2,173	1,727	2,000	2,166	941	1,040	1,234	2,505	3,472	3,125	219	292	288	139	182	185	3	4	3
	nonroad	6,727	4,238	3,833	7,152	5,993	5,271	68,278	77,382	80,858	811	511	559	596	518	473	568	492	449	4	4	5
	on-road	12,962	6,648	5,271	23,708	13,415	10,751	184,643	105,980	96,883	643	89	100	592	408	364	427	245	193	865	992	1,089
	other area	32,757	39,740	44,351	4,938	5,772	6,009	9,481	8,158	7,890	5,269	5,592	5,715	1,807	1,649	1,647	1,652	1,474	1,458	97	107	107
Rhode Island Total		55,230	52,583	55,731	38,770	27,222	24,239	266,576	194,058	188,363	9,255	9,665	9,500	6,707	6,776	7,009	3,525	3,154	3,099	1,351	1,642	1,715
South Carolina	afdust	0	0	0	0	0	0	0	0	0	0	0	0	88,114	89,203	91,242	14,153	14,239	14,562	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,592	27,284	28,747
	avefire	8,609	8,609	8,609	3,716	3,716	3,716	157,331	157,331	157,331	646	646	646	15,638	15,638	15,638	14,118	14,118	14,118	494	494	494
	IPM	468			85,941			3,765			207,110			16,655			13,155			8		
	nonIPM	33,055	30,198	35,017	45,244	39,562	46,974	60,304	70,018	80,082	52,420	55,603	66,814	11,120	10,252	11,698	8,276	7,455	8,568	1,111	1,364	1,474
	nonroad	39,866	26,944	23,483	43,172	33,196	28,176	348,022	387,539	402,907	4,182	1,456	1,430	3,779	3,065	2,649	3,599	2,912	2,510	23	27	29
	on-road	83,746	45,972	35,826	148,419	80,349	50,976	1,118,909	661,817	588,968	5,521	504	562	4,089	2,643	2,228	3,118	1,678	1,226	4,544	5,391	5,917
	other area	144,094	139,893	152,089	18,684	20,994	21,933	70,457	62,057	58,937	14,782	14,945	15,292	14,235	14,020	13,941	12,910	12,569	12,425	1,005	1,135	1,268
South Carolina Total		309,839	251,616	255,024	345,176	177,817	151,775	1,758,788	1,338,762	1,288,225	284,661	73,154	84,744	153,630	134,821	137,396	69,329	52,970	53,409	32,778	35,695	37,929
South Dakota	afdust	0	0	0	0	0	0	0	0	0	0	0	0	245,971	252,503	252,194	45,472	46,410	46,169	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81,492	82,265	81,180
	avefire	4,109	4,109	4,109	1,867	1,867	1,867	86,425	86,425	86,425	498	498	498	8,413	8,413	8,413	7,241	7,241	7,241	381	381	381
	IPM	27			17,278			188			14,438			221			215			3		
	nonIPM	1,483	1,337	1,892	4,503	5,362	6,098	0	0	0	1,363	1,739	1,791	1,028	860	977	602	515	579	1	1	1
	nonroad	11,386	9,155	7,450	32,718	26,870	22,031	83,199	89,112	89,146	3,219	284	44	3,883	2,600	1,970	3,754	2,510	1,900	19	23	25
	on-road	15,027	8,033	6,243	30,394	16,596	10,509	228,508	141,245	127,759	1,039	96	106	806	519	430	620	334	238	844	1,011	1,114
	other area	43,803	37,055	35,760	6,321	6,542	6,646	18,710	10,387	9,781	20,391	20,528	20,633	4,117	3,153	3,117	3,542	2,566	2,523	309	353	386
South Dakota Total		75,834	59,689	55,454	93,081	57,237	47,151	417,030	327,169	313,111	40,949	23,145	23,072	264,438	268,048	267,101	61,445	59,576	58,651	83,049	84,034	83,087
Tennessee	afdust	0	0	0	0	0	0	0	0	0	0	0	0	107,433	111,021	115,791	19,380	19,783	20,546	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38,730	39,546	39,276
	avefire	5,465	5,465	5,465	2,265	2,265	2,265	91,351	91,351	91,351	277	277	277	9,243	9,243	9,243	8,590	8,590	8,590	212	212	212
	IPM	906			156,848			6,514			357,003			20,064			18,127			10		
	nonIPM	95,619	94,763	111,125	86,590	68,421	84,867	126,933	147,121	176,951	99,114	99,630	129,716	42,071	41,696	49,581	33,744	33,516	40,151	2,246	2,667	2,963
	nonroad	50,150	38,042	32,126	89,577	72,462	64,786	434,947	490,826	508,534	11,024	6,566	7,156	6,469	5,448	4,799	6,199	5,210	4,587	32	38	42
	on-road	122,670	66,297	50,813	205,457	110,406	69,026	1,590,237	924,628	817,381	7,697	738	826	5,566	3,708	3,199	4,191	2,315	1,739	6,715	8,020	8,845
	other area	208,586	198,912	214,161	24,209	27,986	29,488	87,181	76,160	73,446	41,847	44,614	46,450	20,514	20,641	20,934	18,030	17,927	18,079	3,377	4,215	4,946
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	4	5	6	2	3	3	0	0	0
Tennessee Total		483,396	403,479	413,690	564,946	281,540	250,432	2,337,163	1,730,086	1,667,663	516,963	151,825	184,425	211,365	191,762	203,553	108,263	87,344	93,696	51,323	54,698	56,284
Texas	afdust	0	0	0	0	0	0	0	0	0	0	0	0	1,403,939	1,455,268	1,478,723	232,115	240,441	243,991	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	265,794	271,976	278,482
	avefire	30,680	30,680	30,680	12,476	12,476	12,476	472,783	472,783	472,783	1,178	1,178	1,178	47,578	47,578	47,578	43,668	43,668	43,668	2,577	2,577	2,577
	IPM	6,474			324,553			54,377			545,984			38,883			29,774			1,533		
	nonIPM	156,129	107,361	118,059	452,894	445,621	474,637	360,430	418,115	448,240	303,847	270,232	293,541	38,778	41,112	45,152	30,695	32,956	36,064	0	0	0
	nonroad	154,874	107,571	96,578	373,189	314,550	288,470	1,620,189	1,842,688	1,941,244	46,157	28,603	31,367	24,782	20,629	18,639	23,826	19,805	17,879	118	138	151
	on-road	394,815	220,527	172,207	619,217	343,962	218,904	4,609,120	2,714,039	2,431,628	23,730	2,502	2,846	17,297	12,111	10,767	12,869	7,458	5,796	22,223	27,367	30,672
	other area	561,814	581,046	610,047	43,741	47,686	49,961	107,388	85,679	85,206	7,142	8,337	8,990	37,114	37,731	39,328	32,179	31,812	32,928	6,917	7,827	8,777
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	283	333	373	88	102	115	0	0	0
Texas Total		1,304,786	1,047,185	1,027,571	1,826,070	1,164,295	1,044,448	7,224,286	5,533,304	5,379,101	928,038	310,852	337,922	1,608,654	1,614,762	1,640,560	405,214	376,242	380,441	299,162	309,885	320,659
Utah	afdust	0	0	0	0	0	0	0	0	0	0	0	0	77,019	85,325	89,411	13,349	14,911	15,674	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,323	24,531	24,971
	avefire	22,422	22,422	22,422	9,065	9,065	9,065	378,512	378,512	378,512	1,934	1,934	1,934	40,245	40,245	40,245	35,028	35,028	35,028	1,479	1,479	1,479
	IPM	622			72,547			4,302			29,514			6,129			4,746			23		
	nonIPM	8,118	7,749	8,950	26,665	28,308	33,040	40,246	45,412	53,696	11,234	10,682	11,578	7,187	8,116	9,374	4,468	5,066	5,841	1,088	1,232	1,398
	nonroad	24,508	20,967	17,155	37,397	28,448	22,572	191,331	217,706	223,835	3,557	385	135	3,365	2,648	2,059	3,230	2,532	1,964	22	27	29
	on-road	42,718	23,501	18,108	68,915	39,272	24,859	605,704	377,558	342,257	2,084	264	300	1,722	1,265	1,128	1,267	774	605	2,327	2,915	3,253
	other area	56,331	54,329	58,334	18,591	21,578	22,984	25,444	24,274	23,757	10,562	8,535	9,715	6,031	6,222	6,428	5,048	5,236	5,390	632	758	871
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	1,209	1,493	1,665	275	342	382	0	0	0
Utah Total		154,719	128,968	124,969	233,180	126,671	112,520	1,245,539	1,043,462	1,022,057	58,885	21,800	23,662	142,906	145,314	150,310	67,411	63,889	64,884	30,895	30,942	32,001

Vermont	afdust	0	0	0	0	0	0	0	0	0	0	0	0	16,176	17,012	17,585	2,578	2,724	2,823	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,347	9,121	8,594
	avefire	1,030	1,030	1,030	424	424	424	16,996	16,996	16,996	49	49	49	1,727	1,727	1,727	1,612	1,612	1,612	38	38	38
	IPM	15			419			967			15			29			28			0		
	nonIPM	1,859	1,739	2,120	926	742	1,212	1,308	1,462	1,782	1,559	2,190	1,942	601	536	613	458	395	457	1	2	1
	nonroad	9,216	8,490	6,945	4,002	3,152	2,529	59,961	69,194	70,433	359	37	12	580	513	426	550	483	401	4	5	6
	on-road	12,470	6,989	5,983	23,945	14,858	12,318	195,391	121,994	117,647	739	80	91	640	425	364	487	270	200	708	856	958
	other area	22,237	16,524	17,278	3,877	4,461	4,505	22,259	14,738	13,682	6,971	8,140	8,405	4,875	4,176	4,098	4,497	3,737	3,647	272	306	339
Vermont Total		46,827	34,772	33,356	33,593	23,637	20,988	296,882	224,384	220,540	9,693	10,496	10,499	24,628	24,389	24,813	10,210	9,221	9,140	10,370	10,328	9,936
Virginia	afdust	0	0	0	0	0	0	0	0	0	0	0	0	54,468	56,128	58,800	9,230	9,403	9,829	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43,682	45,973	47,321
	avefire	6,634	6,634	6,634	2,812	2,812	2,812	115,270	115,270	115,270	399	399	399	11,553	11,553	11,553	10,614	10,614	10,614	305	305	305
	IPM	884			87,350			9,930			222,720			14,543			12,754			117		
	nonIPM	48,525	46,402	54,552	74,021	72,545	88,094	68,572	78,387	86,970	76,018	82,130	95,971	15,634	16,052	18,090	12,234	12,508	14,112	728	720	813
	nonroad	56,361	37,973	33,983	91,712	71,890	64,211	500,527	572,683	602,623	8,961	3,661	3,732	6,609	5,424	4,787	6,322	5,176	4,560	37	43	47
	on-road	125,292	68,430	56,674	193,925	117,831	100,586	1,663,857	1,014,196	975,905	6,689	803	898	4,861	3,499	3,223	3,442	2,038	1,670	7,893	9,229	10,161
	other area	164,765	146,077	150,139	43,723	48,244	50,354	125,150	111,165	107,495	15,267	17,881	18,199	32,364	32,271	32,526	23,491	23,115	23,001	685	758	809
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	24	28	30	3	3	4	0	0	0
Virginia Total		402,461	305,516	301,982	493,544	313,322	306,057	2,483,306	1,891,701	1,888,263	330,053	104,874	119,199	140,056	124,955	129,009	78,089	62,858	63,790	53,446	57,028	59,456
Washington	afdust	0	0	0	0	0	0	0	0	0	0	0	0	76,094	76,811	76,405	14,388	14,429	14,277	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,366	44,913	46,798
	avefire	6,156	6,156	6,156	2,290	2,290	2,290	84,741	84,741	84,741	407	407	407	9,301	9,301	9,301	8,444	8,444	8,444	248	248	248
	IPM	331			20,146			3,703			67,492			3,531			2,915			39		
	nonIPM	14,317	12,836	14,833	32,189	35,986	43,346	197,139	230,745	253,134	40,824	45,963	52,709	12,997	14,219	16,056	10,830	11,646	13,164	4,206	4,335	5,780
	nonroad	57,710	41,738	36,406	87,106	72,082	64,131	508,558	573,036	601,146	10,237	5,377	5,756	7,000	5,804	5,115	6,699	5,541	4,875	38	45	49
	on-road	94,669	51,372	40,284	164,752	92,352	59,315	1,363,009	843,481	778,866	6,433	632	730	4,334	3,044	2,756	3,229	1,871	1,482	5,566	6,914	7,874
	other area	117,746	107,611	115,827	15,909	17,539	18,960	65,068	47,337	46,176	2,880	2,917	3,009	14,395	13,348	13,783	13,509	12,302	12,654	3,715	4,201	4,650
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	14	16	17	1	1	2	0	0	0
Washington Total		290,929	219,713	213,506	322,392	220,249	188,042	2,222,218	1,779,340	1,764,063	128,273	55,296	62,611	127,665	122,543	123,433	60,015	54,235	54,898	61,178	60,656	65,399
West Virginia	afdust	0	0	0	0	0	0	0	0	0	0	0	0	15,891	15,553	16,130	2,733	2,656	2,763	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,445	10,604	10,886
	avefire	3,984	3,984	3,984	1,676	1,676	1,676	67,748	67,748	67,748	215	215	215	6,815	6,815	6,815	6,309	6,309	6,309	165	165	165
	IPM	1,060			206,616			11,606			501,364			32,344			27,100			17		
	nonIPM	19,973	16,479	18,446	52,877	45,416	51,540	109,208	128,270	144,098	61,111	63,074	75,510	15,726	15,824	18,238	12,232	12,292	14,308	514	522	627
	nonroad	15,338	14,830	12,086	53,665	48,100	46,281	114,583	139,182	146,387	8,583	7,060	8,014	2,967	2,821	2,702	2,857	2,711	2,600	8	10	11
	on-road	31,619	14,280	10,240	54,640	25,446	15,184	447,117	229,499	196,679	2,566	165	175	1,444	877	725	1,078	544	393	1,905	1,936	2,010
	other area	55,901	48,671	49,655	13,147	14,855	15,602	51,160	44,035	41,648	13,026	13,805	14,618	10,071	9,295	9,059	9,255	8,481	8,234	441	470	522
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	297	314	351	109	113	128	0	0	0
West Virginia Total		127,874	98,244	94,411	382,621	135,493	130,283	801,422	608,734	596,560	586,865	84,319	98,532	85,555	51,499	54,020	61,672	33,106	34,735	13,495	13,707	14,221
Wisconsin	afdust	0	0	0	0	0	0	0	0	0	0	0	0	126,590	133,732	137,433	23,557	24,813	25,429	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	97,312	83,398	75,079
	avefire	3,735	3,735	3,735	1,521	1,521	1,521	55,978	55,978	55,978	70	70	70	5,741	5,741	5,741	5,576	5,576	5,576	54	54	54
	IPM	863			104,024			8,552			190,968			8,687			7,248			15		
	nonIPM	38,612	35,515	41,770	41,810	45,755	54,359	45,409	50,600	61,824	72,072	69,432	89,159	12,019	13,203	14,737	8,810	9,587	10,672	846	1,021	1,026
	nonroad	80,582	70,297	57,844	69,889	54,727	46,407	518,662	584,942	586,513	7,260	2,534	2,490	7,156	5,916	4,975	6,826	5,618	4,714	44	54	58
	on-road	103,910	53,624	41,218	190,347	101,141	63,654	1,497,187	900,045	812,143	8,185	638	714	5,133	3,265	2,791	3,907	2,055	1,525	5,866	6,875	7,580
	other area	165,465	148,175	152,584	28,652	31,042	31,679	151,282	130,767	125,022	43,710	52,589	57,064	25,992	24,962	24,553	24,205	22,873	22,312	2,596	2,955	3,325
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	25	29	33	2	2	3	0	0	0
Wisconsin Total		393,167	311,346	297,151	436,243	234,186	197,620	2,277,070	1,722,332	1,641,480	322,265	125,263	149,497	191,343	186,849	190,263	80,130	70,525	70,230	106,733	94,357	87,122
Wyoming	afdust	0	0	0	0	0	0	0	0	0	0	0	0	222,527	227,781	230,738	34,475	35,364	35,873	0	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,265	14,910	14,919
	avefire	9,163	9,163	9,163	4,164	4,164	4,164	192,514	192,514	192,514	1,106	1,106	1,106	18,741	18,741	18,741	16,138	16,138	16,138	846	846	846
	IPM	798			86,411			6,634			88,283			13,811			11,161			9		
	nonIPM	15,563	12,415	13,085	36,495	37,734	41,027	48,835	54,380	58,190	38,121	37,676	43,762	19,683	21,703	24,323	16,050	17,868	19,985	654	716	842
	nonroad	9,113	8,663	7,126	31,720	22,082	20,538	57,373	66,716	68,385	2,270	197	50	1,554	1,184	1,006	1,497	1,136	965	6	7	8
	on-road	14,072	7,325	5,730	28,582	14,993	9,572	219,852	131,054	118,276	914	85	95	740	460	385	568	295	213	789	906	999
	other area	19,903	17,041	17,489	60,255	72,270	74,880	23,766	23,469	23,092	14,905	13,471	14,274	3,513	3,311	3,335	2,951	2,780	2,776	292	324	353
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wyoming Total		68,612	54,607	52,593	247,626	151,243	150,181	548,974	468,133	460,457	145,599	52,535	59,287	280,569	273,181	278,528	82,840	73,580	75,950	19,861	17,709	17,967
Grand Total		16,864,814	13,291,822	13,028,072	21,695,945	12,766,125	11,298,758	102,743,660	82,062,468	80,164,296	15,908,349	4,894,426	5,435,815	14,282,978	13,751,755	13,982,162	5,253,004	4,560,688	4,632,989	3,689,591	3,848,531	3,991,876

Appendix B
State-sector emissions summary for 2010 and 2015 CAIR strategy

The following table contains the state-sector emission summaries for the 2010 CAIR strategy and 2015 CAIR strategy emissions. The emissions values in the table are the same as those in Appendix A, with the exception of the IPM sector.

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State	Sector	2010 CAIR VOC [tons/yr]	2015 CAIR VOCc [tons/yr]	2010 CAIR NOX [tons/yr]	2015 CAIR NOX [tons/yr]	2010 CAIR CO [tons/yr]	2015 CAIR CO [tons/yr]	2010 CAIR SO2 [tons/yr]	2015 CAIR SO2 [tons/yr]	2010 CAIR PM10 [tons/yr]	2015 CAIR PM10 [tons/yr]	2010 CAIR PM25 [tons/yr]	2015 CAIR PM25 [tons/yr]	2010 CAIR NH3 [tons/yr]	2015 CAIR NH3 [tons/yr]
Alabama	afdust	0	0	0	0	0	0	0	0	120,703	123,387	19,644	20,082	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	68,708	75,737
	fire	12,716	12,716	5,055	5,055	222,531	222,531	983	983	21,505	21,505	19,127	19,127	752	752
	IPM	1,266	1,403	64,403	49,145	15,698	20,409	320,525	253,056	25,337	22,492	20,855	17,933	10	13
	nonIPM	50,344	57,246	101,963	113,880	183,021	205,870	120,282	129,670	34,817	39,425	26,735	30,325	552	609
	nonroad	34,254	28,867	52,550	46,937	400,935	416,532	3,832	4,109	4,204	3,708	4,005	3,530	30	32
	on-road	55,869	43,194	84,467	54,049	728,039	642,034	574	634	2,787	2,403	1,718	1,296	6,259	6,802
	other area	122,611	129,788	12,309	12,971	43,532	41,948	12,827	31,442	16,049	17,013	12,564	13,013	1,422	1,635
	pfdust	0	0	0	0	0	0	0	0	337	394	217	255	0	0
Alabama Total		277,060	273,214	320,748	282,037	1,593,756	1,549,324	459,023	419,894	225,739	230,328	104,865	105,560	77,733	85,580
Arizona	afdust	0	0	0	0	0	0	0	0	151,555	161,242	27,167	28,907	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	30,750	32,450
	fire	22,458	22,458	10,983	10,983	455,825	455,825	2,888	2,888	44,570	44,570	38,716	38,716	2,020	2,020
	IPM	1,017	1,051	79,903	80,400	22,436	23,750	60,242	60,308	12,257	12,363	9,903	10,009	5	5
	nonIPM	7,026	8,435	34,567	38,755	9,273	10,246	40,360	48,351	4,159	4,773	2,557	2,952	63	78
	nonroad	31,420	28,423	40,391	35,169	552,581	588,474	603	338	3,535	3,053	3,362	2,896	33	36
	on-road	54,660	43,847	104,250	67,474	676,635	622,740	758	892	3,442	3,074	2,188	1,698	6,986	8,097
	other area	106,501	118,587	65,401	67,980	25,001	25,050	3,325	3,502	7,591	7,981	6,161	6,439	2,962	3,159
	pfdust	0	0	0	0	0	0	0	0	1,166	1,315	364	413	0	0
Arizona Total		223,082	222,801	335,495	300,761	1,741,751	1,726,085	108,176	116,279	228,275	238,372	90,418	92,029	42,819	45,845
Arkansas	afdust	0	0	0	0	0	0	0	0	212,942	212,779	37,329	37,191	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	131,580	139,678
	fire	7,523	7,523	3,305	3,305	146,745	146,745	728	728	14,466	14,466	12,754	12,754	556	556
	IPM	539	673	30,123	31,896	5,599	10,511	80,959	82,416	3,352	3,801	2,799	3,238	7	7
	nonIPM	28,649	32,374	61,100	67,799	129,664	146,780	74,089	87,106	27,180	30,800	21,413	24,254	1,428	1,601
	nonroad	25,167	20,286	50,770	45,047	242,307	248,779	3,222	3,361	3,863	3,246	3,701	3,108	27	29
	on-road	29,942	23,272	53,304	33,613	425,214	375,667	339	376	1,783	1,495	1,134	822	3,616	3,961
	other area	98,633	104,148	40,495	42,943	28,318	28,064	28,371	30,679	10,095	10,464	7,928	8,113	1,231	1,377
	pfdust	0	0	0	0	0	0	0	0	53	64	35	42	0	0
Arkansas Total		190,454	188,276	239,097	224,603	977,847	956,546	187,707	204,666	273,735	277,115	87,093	89,522	138,445	147,209
California	afdust	0	0	0	0	0	0	0	0	397,445	414,154	69,170	71,862	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	239,029	253,435
	fire	64,986	64,986	27,019	27,019	1,282,348	1,282,348	6,749	6,749	127,889	127,889	110,956	110,956	5,117	5,117
	IPM	965	1,332	20,382	22,413	35,870	50,210	5,066	5,066	3,777	4,934	3,674	4,832	1	1
	nonIPM	51,007	58,199	113,408	122,850	79,194	87,378	47,603	50,720	41,734	48,301	28,391	32,612	12,978	13,703
	nonroad	164,282	148,543	233,308	203,498	3,365,015	3,577,135	9,397	10,758	19,977	17,622	19,016	16,736	184	202
	on-road	223,836	173,023	512,250	325,324	3,286,869	2,969,975	14	14	16,411	16,058	7,676	6,772	43,514	49,451
	other area	484,144	512,272	153,383	165,175	163,908	162,327	11,028	11,921	81,940	87,571	64,126	67,791	0	0
	pfdust	0	0	0	0	0	0	0	0	498	541	39	43	0	0
California Total		989,220	958,355	1,059,750	866,279	8,213,203	8,129,373	79,857	85,228	689,670	717,071	303,048	311,603	300,822	321,909

State	Sector	2010 CAIR VOC [tons/yr]	2015 CAIR VOCc [tons/yr]	2010 CAIR NOX [tons/yr]	2015 CAIR NOX [tons/yr]	2010 CAIR CO [tons/yr]	2015 CAIR CO [tons/yr]	2010 CAIR SO2 [tons/yr]	2015 CAIR SO2 [tons/yr]	2010 CAIR PM10 [tons/yr]	2015 CAIR PM10 [tons/yr]	2010 CAIR PM25 [tons/yr]	2015 CAIR PM25 [tons/yr]	2010 CAIR NH3 [tons/yr]	2015 CAIR NH3 [tons/yr]
Colorado	afdust	0	0	0	0	0	0	0	0	145,796	146,792	26,295	26,379	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	68,394	70,217
	fire	13,610	13,610	6,271	6,271	288,013	288,013	1,719	1,719	28,019	28,019	24,054	24,054	1,299	1,299
	IPM	568	605	68,415	69,237	9,027	10,475	91,817	91,817	3,820	3,937	3,289	3,405	5	5
	nonIPM	40,008	45,310	41,505	43,708	36,106	39,396	12,972	14,242	23,464	26,293	14,619	16,356	281	296
	nonroad	27,112	23,760	39,745	33,422	400,343	421,188	579	289	3,543	2,899	3,387	2,764	35	38
	on-road	44,804	35,898	79,677	55,159	747,909	704,070	511	595	2,403	2,208	1,464	1,179	5,611	6,426
	other area	64,617	67,872	13,675	15,063	35,758	33,281	2,169	2,229	7,171	7,004	6,748	6,567	89	97
	pfdust	0	0	0	0	0	0	0	0	276	315	53	61	0	0
Colorado Total		190,719	187,055	249,289	222,860	1,517,156	1,496,423	109,767	110,891	214,492	217,467	79,908	80,765	75,714	78,378
Connecticut	afdust	0	0	0	0	0	0	0	0	12,053	12,894	1,840	1,963	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	3,555	3,380
	fire	1,071	1,071	433	433	15,179	15,179	4	4	1,568	1,568	1,559	1,559	3	3
	IPM	118	113	7,231	6,916	8,790	8,622	6,437	6,437	814	800	673	659	1	1
	nonIPM	3,810	4,298	3,800	4,236	3,205	3,655	3,888	4,038	2,761	3,070	2,265	2,526	49	52
	nonroad	18,106	16,179	19,125	15,811	301,383	315,067	989	1,000	1,986	1,737	1,883	1,642	20	21
	on-road	24,224	19,574	51,630	41,416	399,311	369,720	336	376	1,587	1,403	967	750	3,702	4,078
	other area	44,691	46,604	13,533	13,538	22,815	20,928	12,544	12,067	6,032	5,798	5,592	5,353	2,063	2,258
Connecticut Total		92,020	87,839	95,752	82,350	750,684	733,171	24,198	23,922	26,801	27,270	14,778	14,453	9,393	9,792
Delaware	afdust	0	0	0	0	0	0	0	0	10,338	10,780	1,762	1,820	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	13,767	15,499
	fire	271	271	105	105	4,198	4,198	6	6	421	421	405	405	5	5
	IPM	79	90	5,427	6,617	1,076	1,043	28,181	17,902	4,909	5,909	2,788	3,162	1	1
	nonIPM	3,505	3,893	8,769	9,258	20,998	22,617	51,047	54,329	2,331	2,536	1,897	2,059	725	762
	nonroad	6,227	5,441	9,933	8,940	77,777	80,561	1,164	1,296	896	823	853	782	6	7
	on-road	7,388	5,903	15,540	12,132	107,602	98,712	99	111	493	427	306	232	1,079	1,191
	other area	12,062	12,129	4,954	5,238	10,925	10,237	15,055	16,088	3,071	3,056	2,581	2,537	348	377
Delaware Total		29,533	27,727	44,728	42,290	222,576	217,368	95,552	89,732	22,459	23,952	10,592	10,998	15,930	17,842
District of Columbia	afdust	0	0	0	0	0	0	0	0	2,055	2,206	345	367	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	fire	0	0	0	0	1	1	0	0	0	0	0	0	0	0
	IPM	1	3	35	54	26	102	0	0	2	8	2	8	0	0
	nonIPM	5	5	527	547	114	118	875	904	260	265	142	147	11	12
	nonroad	800	706	2,060	1,548	15,342	15,872	24	4	174	131	167	125	2	2
	on-road	3,206	2,664	5,834	4,925	43,633	41,975	41	47	178	167	105	88	457	517
	other area	10,059	10,689	2,880	3,079	2,256	2,149	7,101	7,450	1,321	1,380	1,127	1,173	1,054	1,133
District of Columbia Total		14,070	14,067	11,337	10,152	61,371	60,216	8,041	8,405	3,989	4,158	1,888	1,909	1,524	1,664

State	Sector	2010 CAIR VOC [tons/yr]	2015 CAIR VOCc [tons/yr]	2010 CAIR NOX [tons/yr]	2015 CAIR NOX [tons/yr]	2010 CAIR CO [tons/yr]	2015 CAIR CO [tons/yr]	2010 CAIR SO2 [tons/yr]	2015 CAIR SO2 [tons/yr]	2010 CAIR PM10 [tons/yr]	2015 CAIR PM10 [tons/yr]	2010 CAIR PM25 [tons/yr]	2015 CAIR PM25 [tons/yr]	2010 CAIR NH3 [tons/yr]	2015 CAIR NH3 [tons/yr]
Florida	afdust	0	0	0	0	0	0	0	0	162,922	171,083	24,680	25,840	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	43,527	43,765
	fire	65,245	65,245	27,859	27,859	1,282,029	1,282,029	7,018	7,018	127,189	127,189	110,101	110,101	5,366	5,366
	IPM	1,629	1,866	68,730	61,434	43,363	52,594	217,697	167,154	27,402	26,249	20,985	19,834	9	9
	nonIPM	42,839	50,665	67,976	75,209	140,950	173,180	93,789	103,340	31,320	36,665	27,137	32,000	671	736
	nonroad	117,473	106,441	119,398	106,062	1,901,499	2,027,758	7,368	7,675	12,722	11,524	12,045	10,882	112	122
	on-road	162,446	125,107	228,021	146,654	1,762,577	1,530,957	1,675	1,870	7,949	6,999	4,858	3,752	18,430	20,268
	other area	318,968	344,223	34,661	36,444	92,275	88,392	58,382	62,357	25,299	25,626	22,375	22,507	4,032	4,548
	pfdust	0	0	0	0	0	0	0	0	78	88	24	26	0	0
Florida Total		708,600	693,547	546,645	453,662	5,222,693	5,154,910	385,929	349,414	394,882	405,423	222,205	224,942	72,147	74,814
Georgia	afdust	0	0	0	0	0	0	0	0	207,816	213,247	34,407	35,321	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	91,963	101,013
	fire	29,700	29,700	10,987	10,987	458,170	458,170	2,010	2,010	49,723	49,723	44,744	44,744	1,299	1,299
	IPM	1,601	1,644	72,081	66,397	19,906	21,997	452,302	248,648	33,600	25,956	26,681	19,201	13	13
	nonIPM	35,090	39,505	87,266	94,408	236,884	268,270	113,071	124,500	84,739	95,343	69,313	77,992	5,678	6,247
	nonroad	48,108	41,899	68,417	58,634	780,674	822,001	2,055	1,807	5,759	4,865	5,489	4,626	52	57
	on-road	108,020	84,484	173,987	110,646	1,395,792	1,249,372	1,209	1,375	6,003	5,277	3,734	2,860	13,135	14,720
	other area	189,365	202,196	31,021	32,806	93,772	90,212	5,664	5,993	25,670	26,145	22,557	22,784	2,804	3,180
Georgia Total		411,884	399,428	443,759	373,878	2,985,198	2,910,022	576,311	384,333	413,309	420,556	206,925	207,528	114,944	126,530
Idaho	afdust	0	0	0	0	0	0	0	0	165,009	166,122	27,295	27,458	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	70,894	74,615
	fire	73,835	73,835	14,255	14,255	980,150	980,150	3,845	3,845	130,706	130,706	118,934	118,934	2,856	2,856
	IPM	22	22	586	586	855	855	0	0	69	69	69	69	0	0
	nonIPM	4,831	5,431	12,867	14,139	31,443	35,805	20,124	23,324	11,560	13,249	8,811	10,102	1,157	1,292
	nonroad	18,662	15,332	19,788	17,170	163,158	168,498	214	66	1,869	1,524	1,780	1,449	16	17
	on-road	15,136	11,910	29,146	18,784	245,949	224,605	175	199	919	792	584	436	1,867	2,101
	other area	204,760	230,586	45,352	50,782	21,173	20,607	2,038	2,037	19,584	21,713	16,573	18,367	664	740
	pfdust	0	0	0	0	0	0	0	0	7	8	4	4	0	0
Idaho Total		317,245	337,116	121,995	115,716	1,442,728	1,430,520	26,396	29,471	329,723	334,183	174,050	176,820	77,454	81,621
Illinois	afdust	0	0	0	0	0	0	0	0	503,942	499,020	92,486	91,304	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	77,644	77,642
	fire	692	692	231	231	9,613	9,613	20	20	1,060	1,060	1,014	1,014	15	15
	IPM	1,958	2,065	69,877	65,129	13,477	14,681	243,001	241,878	14,774	15,530	12,952	13,583	14	15
	nonIPM	87,485	100,720	120,690	131,730	124,677	143,370	267,741	281,660	60,664	69,323	40,515	46,439	11,816	13,490
	nonroad	66,060	57,894	150,810	132,707	950,775	983,588	8,593	8,835	11,402	9,712	10,938	9,302	92	101
	on-road	93,394	70,494	171,305	106,306	1,491,280	1,342,947	1,168	1,308	5,596	4,916	3,433	2,640	12,820	14,144
	other area	281,275	298,585	45,411	46,413	91,365	86,931	55,234	57,013	25,690	25,553	22,699	22,478	11,035	12,272
	pfdust	0	0	0	0	0	0	0	0	440	506	223	260	0	0
Illinois Total		530,864	530,450	558,324	482,516	2,681,187	2,581,130	575,758	590,714	623,568	625,620	184,261	187,020	113,436	117,679

State	Sector	[tons/yr] 2010 CAIR VOC	[tons/yr] 2015 CAIR VOCc	[tons/yr] 2010 CAIR NOX	[tons/yr] 2015 CAIR NOX	[tons/yr] 2010 CAIR CO	[tons/yr] 2015 CAIR CO	[tons/yr] 2010 CAIR SO2	[tons/yr] 2015 CAIR SO2	[tons/yr] 2010 CAIR PM10	[tons/yr] 2015 CAIR PM10	[tons/yr] 2010 CAIR PM25	[tons/yr] 2015 CAIR PM25	[tons/yr] 2010 CAIR NH3	[tons/yr] 2015 CAIR NH3
Indiana	afdust	0	0	0	0	0	0	0	0	313,496	316,199	55,637	55,949	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	82,272	84,584
	fire	1,844	1,844	698	698	25,996	25,996	24	24	2,750	2,750	2,693	2,693	19	19
	IPM	2,109	2,188	124,139	86,104	17,090	19,226	454,100	375,522	48,258	42,943	37,729	32,247	18	18
	nonIPM	70,924	81,048	99,959	108,140	482,921	555,510	172,639	178,610	75,226	83,348	65,244	72,059	4,326	4,802
	nonroad	35,955	30,961	86,329	74,973	542,856	557,537	5,934	6,254	6,527	5,524	6,268	5,298	52	57
	on-road	71,969	55,409	127,561	80,820	1,087,513	974,822	809	899	4,113	3,503	2,582	1,911	8,730	9,564
	other area	224,985	233,924	47,281	48,129	145,901	136,619	9,292	9,248	38,795	38,314	26,887	26,083	3,339	3,754
	pfdust	0	0	0	0	0	0	0	0	1,481	1,644	676	744	0	0
Indiana Total		407,786	405,374	485,967	398,864	2,302,277	2,269,710	642,797	570,557	490,645	494,225	197,714	196,984	98,755	102,798
Iowa	afdust	0	0	0	0	0	0	0	0	391,365	387,686	70,861	69,945	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	219,166	226,189
	fire	619	619	233	233	9,506	9,506	25	25	999	999	941	941	19	19
	IPM	723	716	47,967	43,099	6,148	6,537	154,447	161,309	9,180	9,297	7,837	7,995	7	6
	nonIPM	7,351	8,557	30,142	32,015	9,227	11,138	86,037	87,789	10,331	11,655	6,823	7,703	4,887	5,382
	nonroad	26,711	22,530	69,205	58,605	316,933	323,041	1,560	1,154	5,853	4,618	5,635	4,441	50	55
	on-road	28,803	22,015	53,094	33,341	471,944	420,227	319	351	1,679	1,393	1,067	766	3,411	3,702
	other area	122,817	125,528	33,205	34,525	48,223	46,829	24,472	24,394	10,006	10,056	8,124	8,130	7,404	7,583
	pfdust	0	0	0	0	0	0	0	0	2	2	0	0	0	0
Iowa Total		187,024	179,966	233,847	201,818	861,981	817,278	266,860	275,022	429,413	425,706	101,288	99,921	234,944	242,937
Kansas	afdust	0	0	0	0	0	0	0	0	577,376	572,344	102,658	101,454	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	142,610	145,180
	fire	6,136	6,136	1,419	1,419	63,824	63,824	103	103	8,063	8,063	7,352	7,352	79	79
	IPM	815	818	90,167	90,270	6,179	6,284	80,071	80,071	7,149	7,157	5,914	5,922	7	7
	nonIPM	23,398	26,021	88,988	96,298	116,308	129,190	22,869	24,962	15,537	17,271	10,870	12,036	1,009	1,116
	nonroad	17,017	14,771	64,657	55,195	290,613	301,049	681	171	4,875	3,823	4,704	3,684	41	45
	on-road	27,525	21,368	49,185	31,264	422,052	376,248	313	347	1,594	1,352	1,002	737	3,369	3,692
	other area	82,463	85,765	15,857	16,402	33,512	32,750	4,108	4,379	7,533	7,549	7,042	7,033	1,773	1,895
	pfdust	0	0	0	0	0	0	0	0	1,660	1,872	254	286	0	0
Kansas Total		157,354	154,879	310,273	290,848	932,488	909,345	108,144	110,033	623,787	619,432	139,796	138,504	148,887	152,014
Kentucky	afdust	0	0	0	0	0	0	0	0	110,477	114,377	19,455	20,077	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	51,963	52,667
	fire	4,968	4,968	2,080	2,080	88,958	88,958	364	364	8,936	8,936	8,080	8,080	278	278
	IPM	1,600	1,612	110,114	72,615	16,022	16,550	318,000	266,503	33,504	28,879	26,107	21,380	13	13
	nonIPM	67,105	74,649	39,150	42,659	110,655	120,510	42,070	44,911	18,923	21,174	14,070	15,845	623	664
	nonroad	27,166	22,743	75,948	70,723	309,572	320,702	10,076	11,310	5,128	4,724	4,924	4,536	27	30
	on-road	44,449	33,987	83,213	51,705	664,674	587,047	536	594	2,766	2,335	1,746	1,279	5,757	6,293
	other area	110,521	113,645	80,916	84,657	92,704	89,177	55,012	56,673	18,098	17,969	16,295	16,113	1,371	1,521
	pfdust	0	0	0	0	0	0	0	0	551	601	298	325	0	0
Kentucky Total		255,809	251,604	391,421	324,439	1,282,584	1,222,944	426,058	380,355	198,383	198,996	90,974	87,635	60,032	61,466

State	Sector	2010 CAIR VOC [tons/yr]	2015 CAIR VOCc [tons/yr]	2010 CAIR NOX [tons/yr]	2015 CAIR NOX [tons/yr]	2010 CAIR CO [tons/yr]	2015 CAIR CO [tons/yr]	2010 CAIR SO2 [tons/yr]	2015 CAIR SO2 [tons/yr]	2010 CAIR PM10 [tons/yr]	2015 CAIR PM10 [tons/yr]	2010 CAIR PM25 [tons/yr]	2015 CAIR PM25 [tons/yr]	2010 CAIR NH3 [tons/yr]	2015 CAIR NH3 [tons/yr]
Louisiana	afdust	0	0	0	0	0	0	0	0	117,319	120,673	20,641	21,202	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	28,672	28,911
	fire	13,087	13,087	4,631	4,631	207,238	207,238	892	892	48,324	48,324	43,428	43,428	682	682
	IPM	569	636	35,222	29,821	7,876	10,509	62,034	62,034	3,736	3,949	3,354	3,566	7	7
	nonIPM	50,803	55,669	254,206	275,300	214,486	233,570	201,406	222,110	72,081	78,521	65,755	71,509	13,096	14,397
	nonroad	43,825	38,231	208,992	203,485	430,539	449,416	35,173	40,231	11,668	11,669	11,238	11,244	35	38
	on-road	43,230	33,530	69,845	44,132	559,792	491,864	463	515	2,379	2,017	1,499	1,103	4,984	5,458
	other area	99,673	104,561	106,174	113,002	40,735	41,081	125,217	135,365	16,183	16,925	12,177	12,606	23,082	23,289
	pfdust	0	0	0	0	0	0	0	0	5	6	3	4	0	0
Louisiana Total		251,188	245,714	679,070	670,371	1,460,666	1,433,678	425,185	461,147	271,696	282,084	158,095	164,662	70,558	72,782
Maine	afdust	0	0	0	0	0	0	0	0	14,688	15,397	2,463	2,591	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	5,948	5,907
	fire	2,532	2,532	1,063	1,063	43,562	43,562	150	150	4,121	4,121	3,767	3,767	115	115
	IPM	45	57	1,747	1,855	3,761	4,233	5,338	5,338	225	263	212	250	0	0
	nonIPM	4,438	5,050	23,791	25,341	13,691	15,103	43,518	44,870	14,799	16,428	11,270	12,591	162	170
	nonroad	24,432	20,014	7,255	5,990	158,406	159,660	172	132	1,326	1,133	1,243	1,060	13	14
	on-road	11,195	9,115	22,348	18,441	203,416	190,419	133	147	642	565	388	301	1,518	1,638
	other area	51,266	54,276	8,022	7,902	29,999	27,352	17,055	16,769	7,482	7,211	7,005	6,722	736	797
Maine Total		93,907	91,044	64,226	60,592	452,835	440,329	66,366	67,406	43,284	45,118	26,348	27,282	8,492	8,641
Maryland	afdust	0	0	0	0	0	0	0	0	41,132	43,664	7,075	7,442	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	24,434	25,899
	fire	4,268	4,268	1,784	1,784	62,300	62,300	32	32	6,387	6,387	6,298	6,298	24	24
	IPM	470	515	16,050	12,789	7,959	11,273	62,165	23,813	9,201	6,521	7,585	4,880	4	4
	nonIPM	6,690	7,480	21,245	23,778	128,728	150,890	39,024	41,833	6,767	7,832	4,268	4,967	443	512
	nonroad	28,348	25,893	37,758	33,804	468,773	498,733	2,506	2,653	3,409	3,078	3,238	2,917	29	32
	on-road	42,727	35,380	89,988	73,128	660,592	625,121	580	662	2,788	2,495	1,713	1,341	6,348	7,140
	other area	61,893	64,024	19,936	20,846	60,461	56,011	51,406	54,854	20,297	20,228	17,273	17,099	1,394	1,570
Maryland Total		144,396	137,560	186,761	166,129	1,388,812	1,404,328	155,712	123,847	89,981	90,205	47,450	44,943	32,676	35,181
Massachusetts	afdust	0	0	0	0	0	0	0	0	69,333	71,739	10,860	11,249	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	2,515	2,189
	fire	1,280	1,280	534	534	22,858	22,858	93	93	2,300	2,300	2,080	2,080	71	71
	IPM	441	431	19,046	18,868	12,247	11,851	17,355	17,355	3,589	3,558	2,853	2,821	2	2
	nonIPM	9,188	10,563	21,076	22,510	6,264	6,763	24,700	25,473	5,045	5,484	3,792	4,119	83	89
	nonroad	33,286	29,410	52,386	41,257	525,937	544,700	1,939	1,733	5,014	4,106	4,791	3,911	52	57
	on-road	40,988	33,106	87,268	70,848	651,545	602,341	546	605	2,697	2,394	1,641	1,277	6,044	6,611
	other area	108,027	114,117	27,679	28,058	60,811	59,030	81,128	85,724	13,557	13,319	12,155	11,887	5,530	6,104
	pfdust	0	0	0	0	0	0	0	0	1	2	0	0	0	0
Massachusetts Total		193,210	188,907	207,989	182,075	1,279,662	1,247,543	125,761	130,983	101,537	102,900	38,172	37,344	14,297	15,123

State	Sector	2010 CAIR VOC [tons/yr]	2015 CAIR VOCc [tons/yr]	2010 CAIR NOX [tons/yr]	2015 CAIR NOX [tons/yr]	2010 CAIR CO [tons/yr]	2015 CAIR CO [tons/yr]	2010 CAIR SO2 [tons/yr]	2015 CAIR SO2 [tons/yr]	2010 CAIR PM10 [tons/yr]	2015 CAIR PM10 [tons/yr]	2010 CAIR PM25 [tons/yr]	2015 CAIR PM25 [tons/yr]	2010 CAIR NH3 [tons/yr]	2015 CAIR NH3 [tons/yr]
Michigan	afdust	0	0	0	0	0	0	0	0	234,534	239,306	39,257	39,987	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	53,589	52,745
	fire	3,560	3,560	1,422	1,422	53,912	53,912	91	91	5,563	5,563	5,350	5,350	69	69
	IPM	1,209	1,266	91,083	87,137	11,813	13,685	392,567	390,998	26,166	26,559	21,943	22,274	11	11
	nonIPM	49,909	56,582	107,576	118,410	93,254	106,070	86,043	93,452	20,490	22,899	15,564	17,412	464	492
	nonroad	118,715	98,557	90,550	80,034	1,087,502	1,106,608	7,537	8,172	9,547	8,424	9,042	7,968	80	87
	on-road	97,869	76,146	169,852	110,114	1,629,443	1,471,237	1,072	1,197	5,267	4,569	3,263	2,471	11,679	12,847
	other area	254,661	258,056	55,497	56,909	139,123	129,640	38,198	39,113	31,664	30,690	29,599	28,563	6,159	6,912
	pfdust	0	0	0	0	0	0	0	0	461	516	39	44	0	0
Michigan Total		525,923	494,167	515,981	454,026	3,015,047	2,881,152	525,508	533,023	333,692	338,526	124,058	124,070	72,051	73,163
Minnesota	afdust	0	0	0	0	0	0	0	0	518,209	513,641	88,505	87,403	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	154,239	151,326
	fire	6,263	6,263	2,766	2,766	123,691	123,691	631	631	12,168	12,168	10,684	10,684	482	482
	IPM	655	668	38,397	39,367	5,244	5,525	81,238	84,705	19,078	19,659	14,003	14,469	6	6
	nonIPM	24,411	27,388	64,864	68,943	26,127	28,506	25,797	27,335	18,113	20,190	13,027	14,522	1,100	1,106
	nonroad	87,907	72,414	96,163	86,250	532,078	529,617	6,139	6,440	8,850	7,556	8,436	7,193	71	77
	on-road	52,220	41,053	96,807	63,578	902,748	839,341	586	663	2,959	2,570	1,852	1,399	6,336	7,062
	other area	145,463	148,527	23,638	24,232	56,547	52,853	5,965	6,135	14,610	14,343	13,506	13,206	4,001	4,237
	pfdust	0	0	0	0	0	0	0	0	926	1,018	375	413	0	0
Minnesota Total		316,919	296,313	322,635	285,136	1,646,435	1,579,533	120,356	125,909	594,913	591,145	150,387	149,289	166,235	164,295
Mississippi	afdust	0	0	0	0	0	0	0	0	148,345	149,398	25,963	26,121	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	64,689	69,589
	fire	17,239	17,239	5,942	5,942	262,748	262,748	1,051	1,051	27,980	27,980	24,944	24,944	804	804
	IPM	307	373	30,625	12,077	4,262	6,854	85,626	49,580	4,767	3,984	3,765	2,982	3	3
	nonIPM	59,133	70,027	111,455	125,920	74,892	95,426	78,408	85,920	42,501	50,528	30,108	36,522	1,426	1,714
	nonroad	24,827	20,578	60,272	55,723	230,935	237,384	7,901	8,867	4,253	3,881	4,077	3,721	23	25
	on-road	28,827	20,863	57,144	33,407	375,183	317,217	324	345	2,047	1,609	1,349	916	3,640	3,811
	other area	104,863	110,979	4,804	5,060	27,732	26,699	339	453	9,549	9,761	7,761	7,815	907	1,021
	pfdust	0	0	0	0	0	0	0	0	3	4	1	1	0	0
Mississippi Total		235,196	240,059	270,242	238,129	975,753	946,328	173,648	146,216	239,445	247,144	97,968	103,022	71,492	76,967
Missouri	afdust	0	0	0	0	0	0	0	0	537,247	541,109	86,799	87,280	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	104,940	104,847
	fire	3,435	3,435	1,397	1,397	54,047	54,047	186	186	6,188	6,188	5,681	5,681	142	142
	IPM	1,726	1,549	69,109	62,029	12,355	11,757	267,024	268,604	28,888	28,639	26,716	26,656	13	12
	nonIPM	31,628	36,204	36,621	40,196	118,177	130,250	130,542	140,420	16,003	18,123	10,588	12,025	4,651	4,918
	nonroad	40,150	34,531	95,279	86,216	539,769	563,203	6,271	6,616	6,808	5,918	6,526	5,667	47	52
	on-road	64,563	49,481	114,198	71,395	970,330	862,410	767	858	3,834	3,306	2,391	1,795	8,315	9,165
	other area	141,283	146,517	36,371	37,083	67,303	64,313	37,286	37,581	15,908	15,868	13,892	13,774	3,986	4,153
	pfdust	0	0	0	0	0	0	0	0	945	1,059	90	101	0	0
Missouri Total		282,784	271,717	352,975	298,316	1,761,981	1,685,980	442,075	454,265	615,821	620,210	152,683	152,980	122,094	123,288

State	Sector	2010 CAIR VOC [tons/yr]	2015 CAIR VOCc [tons/yr]	2010 CAIR NOX [tons/yr]	2015 CAIR NOX [tons/yr]	2010 CAIR CO [tons/yr]	2015 CAIR CO [tons/yr]	2010 CAIR SO2 [tons/yr]	2015 CAIR SO2 [tons/yr]	2010 CAIR PM10 [tons/yr]	2015 CAIR PM10 [tons/yr]	2010 CAIR PM25 [tons/yr]	2015 CAIR PM25 [tons/yr]	2010 CAIR NH3 [tons/yr]	2015 CAIR NH3 [tons/yr]
Montana	afdust	0	0	0	0	0	0	0	0	178,917	180,359	31,110	31,280	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	45,205	44,373
	fire	10,631	10,631	5,401	5,401	211,269	211,269	1,422	1,422	20,735	20,735	18,097	18,097	946	946
	IPM	317	317	38,420	38,420	2,712	2,712	22,474	22,474	7,635	7,635	4,830	4,830	3	3
	nonIPM	3,626	3,995	17,586	19,088	59,165	65,311	25,300	27,453	10,123	11,836	6,389	7,222	442	473
	nonroad	10,599	8,821	48,020	44,100	101,923	105,551	447	118	2,646	2,180	2,552	2,102	16	18
	on-road	10,455	8,349	21,367	13,935	191,363	177,063	121	138	656	558	421	309	1,277	1,440
	other area	39,776	38,884	12,475	13,059	19,188	17,977	1,215	1,244	4,221	4,136	3,969	3,874	309	344
	pfdust	0	0	0	0	0	0	0	0	1,032	1,166	156	176	0	0
Montana Total		75,404	70,997	143,269	134,003	585,621	579,883	50,978	52,849	225,965	228,605	67,523	67,890	48,198	47,597
Nebraska	afdust	0	0	0	0	0	0	0	0	436,237	435,986	74,654	74,351	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	136,842	139,772
	fire	921	921	409	409	18,827	18,827	105	105	1,846	1,846	1,600	1,600	80	80
	IPM	445	446	49,341	49,378	3,526	3,544	72,333	72,333	2,495	2,496	2,055	2,057	4	4
	nonIPM	7,961	9,539	13,084	14,609	8,831	9,972	8,377	9,414	5,621	6,497	3,388	3,921	17	18
	nonroad	14,147	12,160	70,153	62,713	190,843	196,860	686	179	4,352	3,500	4,202	3,378	31	34
	on-road	17,475	13,528	33,065	20,978	285,017	255,640	200	222	1,047	878	664	482	2,140	2,347
	other area	70,441	71,103	15,882	16,472	11,158	10,946	13,396	13,528	3,929	3,982	3,389	3,429	699	783
	pfdust	0	0	0	0	0	0	0	0	836	933	67	75	0	0
Nebraska Total		111,390	107,697	181,934	164,559	518,203	495,790	95,097	95,780	456,363	456,117	90,019	89,293	139,812	143,037
Nevada	afdust	0	0	0	0	0	0	0	0	102,582	109,721	18,561	19,888	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	6,402	6,506
	fire	11,048	11,048	5,003	5,003	231,404	231,404	1,346	1,346	22,566	22,566	19,401	19,401	1,026	1,026
	IPM	417	442	44,206	46,904	7,903	8,450	29,325	31,096	4,687	4,937	3,803	4,019	2	3
	nonIPM	1,042	1,228	5,711	6,460	19,201	21,092	771	867	2,536	2,822	1,501	1,665	18	21
	nonroad	11,619	10,370	20,219	17,101	184,355	195,756	383	243	1,718	1,417	1,641	1,350	16	18
	on-road	24,297	19,903	39,183	26,365	319,706	302,973	259	309	1,260	1,172	778	632	2,828	3,320
	other area	40,457	45,816	8,257	8,917	7,089	7,106	3,156	3,461	2,814	2,952	2,487	2,603	1,124	1,302
Nevada Total		88,879	88,807	122,579	110,749	769,658	766,781	35,240	37,323	138,163	145,587	48,173	49,558	11,417	12,195
New Hampshire	afdust	0	0	0	0	0	0	0	0	5,673	6,059	903	964	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	1,358	1,208
	fire	1,732	1,732	710	710	26,312	26,312	38	38	2,690	2,690	2,601	2,601	29	29
	IPM	163	186	2,774	2,987	3,306	4,180	7,152	7,426	981	1,051	883	953	1	1
	nonIPM	1,706	1,976	3,392	3,622	3,526	3,939	7,385	7,609	2,047	2,298	1,899	2,144	61	69
	nonroad	15,145	12,600	7,078	5,989	132,074	134,930	305	299	996	868	937	814	10	10
	on-road	11,692	10,029	25,799	21,223	209,462	204,955	140	160	728	630	461	345	1,505	1,686
	other area	27,350	28,547	5,379	5,400	23,670	22,072	11,141	11,044	5,497	5,386	5,124	4,996	620	683
New Hampshire Total		57,789	55,069	45,132	39,932	398,351	396,388	26,161	26,576	18,612	18,982	12,807	12,817	3,583	3,685

State	Sector	2010 CAIR VOC [tons/yr]	2015 CAIR VOCc [tons/yr]	2010 CAIR NOX [tons/yr]	2015 CAIR NOX [tons/yr]	2010 CAIR CO [tons/yr]	2015 CAIR CO [tons/yr]	2010 CAIR SO2 [tons/yr]	2015 CAIR SO2 [tons/yr]	2010 CAIR PM10 [tons/yr]	2015 CAIR PM10 [tons/yr]	2010 CAIR PM25 [tons/yr]	2015 CAIR PM25 [tons/yr]	2010 CAIR NH3 [tons/yr]	2015 CAIR NH3 [tons/yr]
New Jersey	afdust	0	0	0	0	0	0	0	0	36,712	39,186	5,956	6,324	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	5,106	4,879
	fire	876	876	360	360	15,399	15,399	61	61	1,557	1,557	1,414	1,414	47	47
	IPM	289	306	10,739	11,517	5,825	6,201	20,967	22,373	5,915	6,274	5,401	5,733	2	2
	nonIPM	24,433	26,370	20,310	21,865	10,336	11,312	12,408	12,978	4,651	4,985	4,046	4,353	220	229
	nonroad	43,687	39,348	46,822	39,772	737,807	779,254	2,402	2,432	4,784	4,217	4,537	3,987	47	51
	on-road	54,747	43,808	110,982	89,094	833,140	767,868	745	835	3,465	3,088	2,099	1,645	8,238	9,092
	other area	134,722	138,884	41,073	41,442	71,528	63,069	52,430	52,763	21,246	20,605	18,551	17,772	4,391	4,809
New Jersey Total		258,754	249,592	230,286	204,050	1,674,035	1,643,103	89,013	91,442	78,330	79,912	42,005	41,227	18,051	19,109
New Mexico	afdust	0	0	0	0	0	0	0	0	475,680	480,650	73,530	74,394	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	41,553	46,075
	fire	28,263	28,263	12,905	12,905	594,265	594,265	3,450	3,450	57,847	57,847	49,790	49,790	2,626	2,626
	IPM	513	518	73,515	73,562	4,396	4,589	52,884	52,884	11,412	11,428	7,898	7,914	8	8
	nonIPM	13,100	13,965	84,897	87,950	42,064	43,538	91,205	104,590	5,116	5,856	3,731	4,231	48	51
	nonroad	9,840	8,652	28,413	26,184	136,915	145,328	293	110	1,528	1,315	1,466	1,260	10	11
	on-road	27,278	22,047	46,430	30,573	379,856	350,302	284	329	1,487	1,304	944	717	3,036	3,464
	other area	50,811	53,607	29,634	31,424	19,080	18,762	4,508	5,943	5,390	5,614	4,781	4,930	434	487
New Mexico Total		129,805	127,052	275,795	262,598	1,176,576	1,156,784	152,624	167,306	558,460	564,014	142,140	143,235	47,715	52,722
New York	afdst	0	0	0	0	0	0	0	0	157,649	163,555	26,037	26,943	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	47,782	44,527
	fire	5,076	5,076	2,039	2,039	76,314	76,314	113	113	7,864	7,864	7,598	7,598	86	86
	IPM	660	702	40,301	36,517	18,778	20,553	82,572	51,902	10,071	9,918	8,862	8,709	6	3
	nonIPM	5,886	6,652	44,112	48,959	55,101	62,124	80,230	84,966	7,575	8,525	5,627	6,339	1,058	1,217
	nonroad	95,842	83,104	129,717	114,084	1,347,860	1,412,562	9,494	10,128	11,214	9,841	10,687	9,363	98	108
	on-road	115,287	94,606	225,563	184,683	1,823,694	1,699,726	1,342	1,471	6,749	5,902	4,125	3,154	14,992	16,266
	other area	348,348	354,694	64,396	64,628	241,478	212,983	156,008	159,043	55,381	51,816	48,406	44,741	11,237	12,121
New York Total		571,099	544,833	506,128	450,910	3,563,225	3,484,262	329,759	307,623	256,503	257,421	111,343	106,848	75,259	74,328
North Carolina	afdust	0	0	0	0	0	0	0	0	97,755	102,083	17,359	18,045	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	171,267	181,517
	fire	77,359	77,359	13,689	13,689	644,350	644,350	696	696	27,670	27,670	25,328	25,328	532	532
	IPM	1,318	1,359	52,080	50,950	13,341	14,485	256,989	145,946	30,176	25,825	23,395	18,966	12	13
	nonIPM	68,604	80,534	53,546	58,639	85,329	95,820	75,666	82,500	21,035	23,912	15,804	18,003	2,196	2,469
	nonroad	50,981	43,985	58,591	47,408	785,555	815,113	1,639	1,374	5,790	4,815	5,509	4,569	56	61
	on-road	94,532	72,588	150,713	93,967	1,229,518	1,086,447	1,018	1,140	5,148	4,427	3,226	2,413	10,998	12,140
	other area	220,789	234,873	17,248	17,969	110,668	105,228	32,592	33,698	31,114	31,419	27,601	27,681	2,385	2,657
	pfdust	0	0	0	0	0	0	0	0	4	4	0	0	0	0
North Carolina Total		513,583	510,698	345,867	282,622	2,868,761	2,761,443	368,600	265,354	218,691	220,156	118,222	115,005	187,446	199,389

State	Sector	2010 CAIR VOC [tons/yr]	2015 CAIR VOCc [tons/yr]	2010 CAIR NOX [tons/yr]	2015 CAIR NOX [tons/yr]	2010 CAIR CO [tons/yr]	2015 CAIR CO [tons/yr]	2010 CAIR SO2 [tons/yr]	2015 CAIR SO2 [tons/yr]	2010 CAIR PM10 [tons/yr]	2015 CAIR PM10 [tons/yr]	2010 CAIR PM25 [tons/yr]	2015 CAIR PM25 [tons/yr]	2010 CAIR NH3 [tons/yr]	2015 CAIR NH3 [tons/yr]
North Dakota	afdust	0	0	0	0	0	0	0	0	325,098	323,161	60,449	59,960	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	57,555	56,227
	fire	561	561	251	251	11,607	11,607	66	66	1,136	1,136	981	981	50	50
	IPM	776	785	71,021	71,709	9,903	9,936	97,803	99,997	7,336	7,441	6,207	6,302	6	6
	nonIPM	189	194	7,886	8,328	4,211	4,459	70,024	73,425	2,707	2,924	2,584	2,793	14	14
	nonroad	10,783	8,858	45,943	39,164	103,046	102,747	457	71	3,738	2,866	3,613	2,768	30	33
	on-road	7,052	5,439	13,838	8,762	128,770	115,914	79	88	426	353	273	195	836	918
	other area	54,183	50,184	19,182	19,707	16,139	15,488	52,762	52,829	3,550	3,512	2,283	2,240	222	243
North Dakota Total		73,544	66,020	158,121	147,921	273,676	260,151	221,191	226,476	343,991	341,393	76,390	75,238	58,713	57,492
Ohio	afdust	0	0	0	0	0	0	0	0	259,499	264,426	47,037	47,812	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	62,147	62,702
	fire	3,011	3,011	1,141	1,141	41,605	41,605	22	22	4,409	4,409	4,357	4,357	17	17
	IPM	1,998	2,151	95,626	79,094	17,695	21,197	327,168	221,410	46,234	41,450	35,576	30,409	19	19
	nonIPM	35,667	41,381	80,194	86,125	267,956	309,220	113,682	117,450	23,439	26,832	18,499	21,126	3,342	3,558
	nonroad	69,467	60,695	132,860	116,357	1,055,003	1,094,526	9,963	10,652	10,397	9,054	9,945	8,648	83	91
	on-road	101,783	77,320	177,487	110,761	1,527,784	1,365,388	1,194	1,330	5,874	5,082	3,641	2,748	13,000	14,273
	other area	281,685	299,348	66,935	68,313	122,576	117,176	74,298	75,559	33,264	33,133	29,109	28,835	6,555	7,293
	pfdust	0	0	0	0	0	0	0	0	1,366	1,553	795	909	0	0
Ohio Total		493,611	483,906	554,243	461,791	3,032,619	2,949,112	526,327	426,423	384,482	385,940	148,959	144,845	85,163	87,953
Oklahoma	afdust	0	0	0	0	0	0	0	0	474,137	476,999	78,164	78,465	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	104,399	106,168
	fire	4,361	4,361	1,923	1,923	87,506	87,506	469	469	8,608	8,608	7,506	7,506	359	359
	IPM	992	1,042	78,503	78,530	26,420	28,255	115,526	115,526	12,754	12,902	11,715	11,863	26	29
	nonIPM	19,925	21,573	98,822	105,490	65,480	70,491	35,428	37,182	12,081	13,304	9,157	10,079	3,941	4,268
	nonroad	21,896	18,691	40,733	35,008	318,537	333,095	524	233	3,390	2,760	3,245	2,637	29	32
	on-road	44,113	34,537	75,076	48,131	612,230	547,429	487	544	2,469	2,115	1,548	1,153	5,263	5,794
	other area	137,639	143,451	33,392	35,255	25,673	25,439	6,217	6,730	8,836	9,090	8,039	8,242	7,889	8,029
	pfdust	0	0	0	0	0	0	0	0	126	141	17	19	0	0
Oklahoma Total		228,925	223,655	328,449	304,337	1,135,846	1,092,215	158,651	160,684	522,400	525,919	119,390	119,964	121,906	124,679
Oregon	afdust	0	0	0	0	0	0	0	0	59,322	60,635	9,966	10,164	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	39,462	40,108
	fire	44,660	44,660	20,122	20,122	845,553	845,553	4,896	4,896	82,346	82,346	71,637	71,637	3,542	3,542
	IPM	256	199	13,210	10,602	8,540	6,287	10,034	10,034	1,055	873	988	806	0	0
	nonIPM	13,530	15,305	17,986	20,053	66,851	74,522	10,040	11,129	12,251	13,821	9,195	10,388	70	75
	nonroad	28,175	24,406	48,250	42,615	380,866	400,183	3,976	4,292	3,919	3,432	3,742	3,273	30	33
	on-road	38,798	31,744	69,619	46,143	607,862	569,318	463	541	2,234	2,016	1,390	1,091	4,853	5,616
	other area	151,881	167,745	15,207	16,384	33,799	32,643	21,834	23,511	11,319	11,688	10,388	10,679	319	349
	pfdust	0	0	0	0	0	0	0	0	11	13	5	6	0	0
Oregon Total		277,301	284,059	184,394	155,919	1,943,471	1,928,506	51,243	54,403	172,457	174,823	107,312	108,044	48,276	49,723

State	Sector	2010 CAIR VOC [tons/yr]	2015 CAIR VOCc [tons/yr]	2010 CAIR NOX [tons/yr]	2015 CAIR NOX [tons/yr]	2010 CAIR CO [tons/yr]	2015 CAIR CO [tons/yr]	2010 CAIR SO2 [tons/yr]	2015 CAIR SO2 [tons/yr]	2010 CAIR PM10 [tons/yr]	2015 CAIR PM10 [tons/yr]	2010 CAIR PM25 [tons/yr]	2015 CAIR PM25 [tons/yr]	2010 CAIR NH3 [tons/yr]	2015 CAIR NH3 [tons/yr]
Pennsylvania	afdust	0	0	0	0	0	0	0	0	128,874	134,279	22,657	23,581	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	71,030	71,486
	fire	5,617	5,617	2,188	2,188	78,438	78,438	32	32	8,222	8,222	8,146	8,146	25	25
	IPM	1,684	1,819	111,875	79,875	17,511	21,264	260,502	149,903	39,783	30,937	32,615	23,545	14	15
	nonIPM	39,634	44,985	102,870	111,680	117,839	128,610	118,629	123,830	23,638	26,177	18,059	19,969	1,388	1,521
	nonroad	66,418	57,294	100,898	89,284	1,023,698	1,069,892	7,860	8,480	8,020	7,054	7,655	6,726	65	72
	on-road	95,632	78,421	193,428	153,638	1,494,400	1,403,706	1,160	1,294	5,793	4,990	3,612	2,710	12,580	13,832
	other area	239,045	249,638	59,927	60,946	185,342	172,540	104,863	105,165	43,012	41,881	38,811	37,628	6,590	7,261
	pfdust	0	0	0	0	0	0	0	0	246	275	103	115	0	0
Pennsylvania Total		448,030	437,774	571,185	497,611	2,917,228	2,874,450	493,046	388,704	257,587	253,815	131,657	122,421	91,692	94,212
Rhode Island	afdust	0	0	0	0	0	0	0	0	3,755	4,083	610	663	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	534	510
	fire	103	103	42	42	1,498	1,498	1	1	154	154	151	151	1	1
	IPM	36	34	527	466	1,415	1,321	0	0	114	107	114	107	0	0
	nonIPM	1,854	2,158	2,000	2,291	1,040	1,213	3,472	3,573	292	309	182	193	4	4
	nonroad	4,238	3,833	5,993	5,271	77,382	80,858	511	559	518	473	492	449	4	5
	on-road	6,648	5,271	13,415	10,751	105,980	96,883	89	100	408	364	245	193	992	1,089
	other area	39,740	44,351	5,772	6,009	8,158	7,890	5,592	5,715	1,649	1,647	1,474	1,458	107	107
Rhode Island Total		52,619	55,750	27,749	24,830	195,473	189,663	9,665	9,948	6,890	7,136	3,268	3,214	1,642	1,716
South Carolina	afdust	0	0	0	0	0	0	0	0	89,203	91,242	14,239	14,562	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	27,284	28,747
	fire	8,609	8,609	3,716	3,716	157,331	157,331	646	646	15,638	15,638	14,118	14,118	494	494
	IPM	606	647	37,322	35,942	7,056	8,523	141,904	105,008	19,978	18,880	15,527	14,383	5	5
	nonIPM	30,198	34,894	39,562	43,286	70,018	78,396	55,603	60,028	10,252	11,512	7,455	8,381	1,364	1,472
	nonroad	26,944	23,483	33,196	28,176	387,539	402,907	1,456	1,430	3,065	2,649	2,912	2,510	27	29
	on-road	45,972	35,826	80,349	50,976	661,817	588,968	504	562	2,643	2,228	1,678	1,226	5,391	5,917
	other area	139,893	152,089	20,994	21,933	62,057	58,937	14,945	15,292	14,020	13,941	12,569	12,425	1,135	1,268
South Carolina Total		252,222	255,548	215,139	184,029	1,345,819	1,295,062	215,059	182,966	154,799	156,089	68,497	67,604	35,700	37,932
South Dakota	afdust	0	0	0	0	0	0	0	0	252,503	252,194	46,410	46,169	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	82,265	81,180
	fire	4,109	4,109	1,867	1,867	86,425	86,425	498	498	8,413	8,413	7,241	7,241	381	381
	IPM	109	109	14,541	14,544	507	509	12,085	12,085	215	215	203	203	1	1
	nonIPM	1,337	1,893	5,362	5,965	0	0	1,739	1,851	860	911	515	548	1	1
	nonroad	9,155	7,450	26,870	22,031	89,112	89,146	284	44	2,600	1,970	2,510	1,900	23	25
	on-road	8,033	6,243	16,596	10,509	141,245	127,759	96	106	519	430	334	238	1,011	1,114
	other area	37,055	35,760	6,542	6,646	10,387	9,781	20,528	20,633	3,153	3,117	2,566	2,523	353	386
South Dakota Total		59,798	55,563	71,779	61,562	327,676	313,620	35,231	35,217	268,263	267,251	59,779	58,823	84,034	83,087

State	Sector	[tons/yr] 2010 CAIR VOC	[tons/yr] 2015 CAIR VOCc	[tons/yr] 2010 CAIR NOX	[tons/yr] 2015 CAIR NOX	[tons/yr] 2010 CAIR CO	[tons/yr] 2015 CAIR CO	[tons/yr] 2010 CAIR SO2	[tons/yr] 2015 CAIR SO2	[tons/yr] 2010 CAIR PM10	[tons/yr] 2015 CAIR PM10	[tons/yr] 2010 CAIR PM25	[tons/yr] 2015 CAIR PM25	[tons/yr] 2010 CAIR NH3	[tons/yr] 2015 CAIR NH3
Tennessee	afdust	0	0	0	0	0	0	0	0	111,021	115,791	19,783	20,546	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	39,546	39,276
	fire	5,465	5,465	2,265	2,265	91,351	91,351	277	277	9,243	9,243	8,590	8,590	212	212
	IPM	782	803	37,085	27,029	6,023	6,250	208,886	157,514	15,576	15,164	13,716	13,304	7	7
	nonIPM	94,763	110,380	68,421	74,636	147,121	167,320	99,630	106,590	41,696	48,409	33,516	38,958	2,667	2,951
	nonroad	38,042	32,126	72,462	64,786	490,826	508,534	6,566	7,156	5,448	4,799	5,210	4,587	38	42
	on-road	66,297	50,813	110,406	69,026	924,628	817,381	738	826	3,708	3,199	2,315	1,739	8,020	8,845
	other area	198,912	214,161	27,986	29,488	76,160	73,446	44,614	46,450	20,641	20,934	17,927	18,079	4,215	4,946
	pfdust	0	0	0	0	0	0	0	0	5	6	3	3	0	0
Tennessee Total		404,261	413,748	318,625	267,230	1,736,109	1,664,282	360,711	318,813	207,338	217,545	101,061	105,806	54,704	56,279
Texas	afdust	0	0	0	0	0	0	0	0	1,455,268	1,478,723	240,441	243,991	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	271,976	278,482
	fire	30,680	30,680	12,476	12,476	472,783	472,783	1,178	1,178	47,578	47,578	43,668	43,668	2,577	2,577
	IPM	4,970	4,773	168,109	159,597	91,552	92,507	398,088	351,645	37,036	37,801	28,236	29,025	595	404
	nonIPM	107,361	118,390	445,621	477,110	418,115	457,150	270,232	287,600	41,112	44,994	32,956	35,943	0	0
	nonroad	107,571	96,578	314,550	288,470	1,842,688	1,941,244	28,603	31,367	20,629	18,639	19,805	17,879	138	151
	on-road	220,527	172,207	343,962	218,904	2,714,039	2,431,628	2,502	2,846	12,111	10,767	7,458	5,796	27,367	30,672
	other area	581,046	610,047	47,686	49,961	85,679	85,206	8,337	8,990	37,731	39,328	31,812	32,928	7,827	8,777
	pfdust	0	0	0	0	0	0	0	0	333	373	102	115	0	0
Texas Total		1,052,155	1,032,675	1,332,404	1,206,518	5,624,856	5,480,518	708,940	683,626	1,651,798	1,678,203	404,478	409,346	310,480	321,063
Utah	afdust	0	0	0	0	0	0	0	0	85,325	89,411	14,911	15,674	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	24,531	24,971
	fire	22,422	22,422	9,065	9,065	378,512	378,512	1,934	1,934	40,245	40,245	35,028	35,028	1,479	1,479
	IPM	423	423	60,784	60,784	3,523	3,523	53,108	53,108	5,593	5,593	4,360	4,360	4	4
	nonIPM	7,749	8,794	28,308	30,986	45,412	51,243	10,682	12,020	8,116	9,254	5,066	5,741	1,232	1,288
	nonroad	20,967	17,155	28,448	22,572	217,706	223,835	385	135	2,648	2,059	2,532	1,964	27	29
	on-road	23,501	18,108	39,272	24,859	377,558	342,257	264	300	1,265	1,128	774	605	2,915	3,253
	other area	54,329	58,334	21,578	22,984	24,274	23,757	8,535	9,715	6,222	6,428	5,236	5,390	758	871
	pfdust	0	0	0	0	0	0	0	0	1,493	1,665	342	382	0	0
Utah Total		129,391	125,236	187,455	171,250	1,046,985	1,023,127	74,908	77,212	150,907	155,782	68,248	69,143	30,946	31,895
Vermont	afdust	0	0	0	0	0	0	0	0	17,012	17,585	2,724	2,823	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	9,121	8,594
	fire	1,030	1,030	424	424	16,996	16,996	49	49	1,727	1,727	1,612	1,612	38	38
	IPM	0	4	14	55	5	170	0	0	0	14	0	14	0	0
	nonIPM	1,739	2,130	742	1,361	1,462	1,850	2,190	2,296	536	651	395	485	2	2
	nonroad	8,490	6,945	3,152	2,529	69,194	70,433	37	12	513	426	483	401	5	6
	on-road	6,989	5,983	14,858	12,318	121,994	117,647	80	91	425	364	270	200	856	958
	other area	16,524	17,278	4,461	4,505	14,738	13,682	8,140	8,405	4,176	4,098	3,737	3,647	306	339
Vermont Total		34,772	33,370	23,652	21,192	224,389	220,778	10,496	10,853	24,390	24,865	9,221	9,182	10,328	9,937

State	Sector	2010 CAIR VOC [tons/yr]	2015 CAIR VOCc [tons/yr]	2010 CAIR NOX [tons/yr]	2015 CAIR NOX [tons/yr]	2010 CAIR CO [tons/yr]	2015 CAIR CO [tons/yr]	2010 CAIR SO2 [tons/yr]	2015 CAIR SO2 [tons/yr]	2010 CAIR PM10 [tons/yr]	2015 CAIR PM10 [tons/yr]	2010 CAIR PM25 [tons/yr]	2015 CAIR PM25 [tons/yr]	2010 CAIR NH3 [tons/yr]	2015 CAIR NH3 [tons/yr]
Virginia	afdust	0	0	0	0	0	0	0	0	56,128	58,800	9,403	9,829	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	45,973	47,321
	fire	6,634	6,634	2,812	2,812	115,270	115,270	399	399	11,553	11,553	10,614	10,614	305	305
	IPM	556	644	43,061	39,101	10,751	13,513	137,518	117,496	12,997	12,931	11,129	10,969	5	5
	nonIPM	46,402	54,407	72,545	81,522	78,387	85,544	82,130	88,671	16,052	18,142	12,508	14,162	720	788
	nonroad	37,973	33,983	71,890	64,211	572,683	602,623	3,661	3,732	5,424	4,787	5,176	4,560	43	47
	on-road	68,430	56,674	117,831	100,586	1,014,196	975,905	803	898	3,499	3,223	2,038	1,670	9,229	10,161
	other area	146,077	150,139	48,244	50,354	111,165	107,495	17,881	18,199	32,271	32,526	23,115	23,001	758	809
	pfdust	0	0	0	0	0	0	0	0	28	30	3	4	0	0
Virginia Total		306,072	302,481	356,383	338,586	1,902,452	1,900,350	242,392	229,395	137,952	141,992	73,987	74,809	57,033	59,436
Washington	afdust	0	0	0	0	0	0	0	0	76,811	76,405	14,429	14,277	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	44,913	46,798
	fire	6,156	6,156	2,290	2,290	84,741	84,741	407	407	9,301	9,301	8,444	8,444	248	248
	IPM	335	304	26,037	25,034	7,324	6,159	10,916	9,754	3,281	3,184	2,735	2,640	2	2
	nonIPM	12,836	14,757	35,986	40,159	230,745	252,600	45,963	49,759	14,219	15,880	11,646	13,003	4,335	5,515
	nonroad	41,738	36,406	72,082	64,131	573,036	601,146	5,377	5,756	5,804	5,115	5,541	4,875	45	49
	on-road	51,372	40,284	92,352	59,315	843,481	778,866	632	730	3,044	2,756	1,871	1,482	6,914	7,874
	other area	107,611	115,827	17,539	18,960	47,337	46,176	2,917	3,009	13,348	13,783	12,302	12,654	4,201	4,650
	pfdust	0	0	0	0	0	0	0	0	16	17	1	2	0	0
Washington Total		220,048	213,734	246,286	209,889	1,786,664	1,769,688	66,212	69,415	125,824	126,441	56,969	57,377	60,658	65,135
West Virginia	afdust	0	0	0	0	0	0	0	0	15,553	16,130	2,656	2,763	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	10,604	10,886
	fire	3,984	3,984	1,676	1,676	67,748	67,748	215	215	6,815	6,815	6,309	6,309	165	165
	IPM	1,412	1,442	63,122	44,202	12,404	12,728	248,888	118,125	31,059	24,666	24,194	17,689	13	13
	nonIPM	16,479	18,537	45,416	48,624	128,270	143,560	63,074	67,373	15,824	17,964	12,292	14,037	522	587
	nonroad	14,830	12,086	48,100	46,281	139,182	146,387	7,060	8,014	2,821	2,702	2,711	2,600	10	11
	on-road	14,280	10,240	25,446	15,184	229,499	196,679	165	175	877	725	544	393	1,936	2,010
	other area	48,671	49,655	14,855	15,602	44,035	41,648	13,805	14,618	9,295	9,059	8,481	8,234	470	522
	pfdust	0	0	0	0	0	0	0	0	314	351	113	128	0	0
West Virginia Total		99,656	95,944	198,615	171,569	621,138	608,750	333,207	208,520	82,558	78,411	57,300	52,153	13,720	14,194
Wisconsin	afdust	0	0	0	0	0	0	0	0	133,732	137,433	24,813	25,429	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	83,398	75,079
	fire	3,735	3,735	1,521	1,521	55,978	55,978	70	70	5,741	5,741	5,576	5,576	54	54
	IPM	918	956	53,646	38,614	9,321	10,176	159,462	151,010	9,238	9,969	8,225	8,929	8	8
	nonIPM	35,515	40,841	45,755	49,031	50,600	54,987	69,432	70,453	13,203	14,759	9,587	10,742	1,021	1,045
	nonroad	70,297	57,844	54,727	46,407	584,942	586,513	2,534	2,490	5,916	4,975	5,618	4,714	54	58
	on-road	53,624	41,218	101,141	63,654	900,045	812,143	638	714	3,265	2,791	2,055	1,525	6,875	7,580
	other area	148,175	152,584	31,042	31,679	130,767	125,022	52,589	57,064	24,962	24,553	22,873	22,312	2,955	3,325
	pfdust	0	0	0	0	0	0	0	0	29	33	2	3	0	0
Wisconsin Total		312,264	297,178	287,832	230,906	1,731,653	1,644,819	284,725	281,801	196,087	200,254	78,750	79,230	94,365	87,149

State	Sector	2010 CAIR VOC [tons/yr]	2015 CAIR VOCc [tons/yr]	2010 CAIR NOX [tons/yr]	2015 CAIR NOX [tons/yr]	2010 CAIR CO [tons/yr]	2015 CAIR CO [tons/yr]	2010 CAIR SO2 [tons/yr]	2015 CAIR SO2 [tons/yr]	2010 CAIR PM10 [tons/yr]	2015 CAIR PM10 [tons/yr]	2010 CAIR PM25 [tons/yr]	2015 CAIR PM25 [tons/yr]	2010 CAIR NH3 [tons/yr]	2015 CAIR NH3 [tons/yr]
Wyoming	afdust	0	0	0	0	0	0	0	0	227,781	230,738	35,364	35,873	0	0
	ag	0	0	0	0	0	0	0	0	0	0	0	0	14,910	14,919
	fire	9,163	9,163	4,164	4,164	192,514	192,514	1,106	1,106	18,741	18,741	16,138	16,138	846	846
	IPM	752	678	81,171	81,173	6,269	5,650	70,828	71,874	9,168	8,652	7,596	7,244	7	6
	nonIPM	12,415	13,233	37,734	39,632	54,380	57,708	37,676	39,439	21,703	24,121	17,868	19,873	716	752
	nonroad	8,663	7,126	22,082	20,538	66,716	68,385	197	50	1,184	1,006	1,136	965	7	8
	on-road	7,325	5,730	14,993	9,572	131,054	118,276	85	95	460	385	295	213	906	999
	other area	17,041	17,489	72,270	74,880	23,469	23,092	13,471	14,274	3,311	3,335	2,780	2,776	324	353
	pfdust	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wyoming Total		55,360	53,419	232,413	229,959	474,402	465,625	123,363	126,838	282,349	286,978	81,176	83,082	17,716	17,884
Grand Total		**13,332,981**	**13,061,983**	**15,194,017**	**13,362,365**	**82,645,557**	**80,748,386**	**11,178,028**	**10,327,258**	**14,400,398**	**14,570,837**	**5,083,639**	**5,095,939**	**3,849,435**	**3,989,346**

Appendix C
Listing of the 2001 NEI facilities identified as IPM sources

Approach for splitting of 2001 Point Sources into IPM vs non-IPM for Projection Purposes.

The 2001 National Emission Inventory (NEI) point source data contain emissions estimates for sources that are both electric generating units (EGUs) and Non-EGUs, along with their geographic locations and stack parameters. The Integrated Planning Model (IPM) is used to predict the future-year emissions for the EGU sources; therefore, it is necessary to identify and remove all sources that will be replaced with future-year IPM results. Matching the facilities also allows maintaining consistent stack parameters between the base 2001 cases and all future-year cases. The approach also identifies those non-EGU sources that will be projected to the future years using approaches other than IPM. Identification of the IPM-predicted sources from the base year prevents double-counting of emissions sources that would otherwise be projected as a non-EGU source.

EPA used the National Electric Energy System (NEEDS) Database (http://www.epa.gov/ airmarkets/epa-ipm/) as the universe of electric generating units to be identified as EGUs in the 2001 NEI point source data. IPM uses the NEEDS database for information about EGU facilities; however, the version of NEEDS EPA used (2003) was one version older than the 2004 version used in IPM Version 2.1.9 (the IPM version used in the final CAIR air quality modeling runs). This occurred because the identification of IPM sources in the 2001 NEI was completed before the NEEDS 2004 database was available. Nevertheless, EPA has confirmed that all significant EGUs existing as of 2001 are represented in the NEEDS 2003.

During development of the 2001 NEI, the developers had included ORIS Plant IDs, and in many instances Boiler IDs. EPA compared the NEEDS 2003 database to the 2001 NEI point-source data using the ORIS Plant IDs, which appears in both datasets. EPA also revised some of the ORIS Plant IDs in the 2001 NEI based on comparison of other fields such as the plants' state and county FIPS codes and names. Lastly, EPA performed additional matching for all large facilities in the NEEDS 2003 dataset that had not already been matched to the 2001 NEI.

Many of these additional matching steps were for NEEDS records where the entire facility (and therefore the entire facility's NEI emissions) were not all due to the generation of electricity for sale to the electrical grid (e.g., industrial sites with cogeneration emission units). To the extent practicable, individual emission units within such industrial sites were identified with ORIS Plant IDs and mapped to the NEEDS dataset by unit. EPA identified seventy of these cases. In some of these cases, EPA identified a NEEDS cogeneration sites in the 2001 NEI, but it was not possible to identify a specific emission record which should be matched. These cases were confined to those where the NEEDS-indicated emitting capacity was a minor fraction of the industrial source's NEI emissions; therefore, not matching them did not lead to significant double-counting.

The table lists the 2001 NEI facilities which EPA identified as IPM sources (either all or some units at the facility). These facilities were replaced by IPM-predicted emissions in the F-2 future year cases and where not projected as part of the non-EGU (non-IPM) sector. The NEI IDs and

ORIS Plant IDs are included, along with an indicator of whether only a portion of the complete facility emission records were removed. The table includes emission totals (SO_2, NO_x, and $PM_{2.5}$) of both the removed portion and the retained (Non-IPM) portion.

State ID	County ID	Plant ID	ORIS ID	PLANT	Partial Site	# EGU recs	EGU NOX	EGU SO2	EGU PM25	# Non-EGU recs	Non-EGU NOX	Non-EGU SO2	Non-EGU PM25
1	33	0010	47	TVA COLBERT		14	15,747	63,067	3,577				
1	39	0001	533	ALABAMA ELECTRIC COOPERATIVE MCWILLIAMS		1	29	1	9				
1	55	0002	7	ALABAMA POWER COMPANY GADSDEN		4	2,126	8,498	479				
1	63	0001	10	ALABAMA POWER COMPANY GREENE COUNTY		12	11,712	43,017	2,296				
1	69	0021	54985	CRESTWOOD CORPORATION		7	20	5	0				
1	71	0008	50	TVA WIDOWS CREEK		9	26,242	42,788	2,513				
1	73	010730011	6002	ALABAMA POWER COMPANY (MILLER POWER PLAN		6	29,997	47,619	1,806				
1	81	0030	55138	SOUTH EASTERN ELECTRIC DEVELOPMENT CORP		4	64	1	2				
1	83	0003	46	TVA BROWN'S FERRY NUCLEAR PLANT		3	17	6	0				
1	97	1001	3	ALABAMA POWER COMPANY BARRY		6	22,809	65,892	2,905				
1	117	0005	26	ALABAMA POWER COMPANY EC GASTON		6	29,394	120,342	6,107				
1	127	0001	8	ALABAMA POWER COMPANY GORGAS		6	20,219	58,289	2,878				
1	129	0001	56	ALABAMA ELECTRIC COOPERATIVE LOWMAN		4	9,779	16,726	711				
1	129	0012	7063	ALABAMA ELECTRIC COOPERATIVE MACINTOSH		3	121	1	1				
1	129	0018	7697	ALABAMA POWER COMPANY WASHINGTON COUNTY		4	267	3	32				
4	1	0400100059	6177	SALT RIVER PROJECT		9	14,230	19,048	1,269				
4	1	0400100060	8223	TUCSON ELECTRIC POWER CO-SPRINGERVILLE		43	13,190	20,125	853				
4	3	0400300037	160	AZ ELECTRIC POWER COOPERATIVE INC		19	7,288	5,388	739				
4	5	0004	4941	NAVAJO		6	34,020	3,980	2,826				
4	13	3313	117	APS WEST PHX POWER PLANT		29	1,510	5	50				
4	13	3315	8068	SANTAN GENERATING PLANT		16	1,433	4	136				
4	13	3316	141	SRP AGUA FRIA		25	4,824	47	87				
4	13	3317	147	SRP KYRENE STEAM PLANT		13	1,896	14	25				
4	13	52382	116	OCOTILLO POWER PLANT		21	764	7	39				
4	13	98	6008	PALO VERDE NUCLEAR GENERATING STATION		35	52	1	34				
4	17	0001	113	CHOLLA		8	13,290	21,049	1,322				
4	19	0082	126	IRVINGTON		6	2,910	3,177	125				
4	19	0425	124	TUCSON ELECTRIC POWER COMPANY (TEP)		5	30	126	77				
4	21	U118	118	SAGUARO		2	717	486	54				
4	27	0331	7478	ARIZONA PUBLIC SERVICE COMPANY (APS)		16	113	6	15				
4	27	0402700141	54694	YUMA COGENERATION ASSOCIATES		2	188	7	13				
4	27	U120	120	YUCCA		1	216	2	15				
5	7	0107	6138	FLINT CREEK		2	5,941	14,531	377				
5	47	0012	201	THOMAS FITZHUGH		2	218	529	20				
5	59	U170	170	LAKE CATHERINE		4	2,061	5	63				
5	63	0042	6641	INDEPENDENCE		4	18,560	23,015	1,105				

State ID	County ID	Plant ID	ORIS ID	PLANT	Partial Site	# EGU recs	EGU NOX	EGU SO2	EGU PM25	# Non-EGU recs	Non-EGU NOX	Non-EGU SO2	Non-EGU PM25
5	69	0110	6009	WHITE BLUFF		4	19,160	36,716	1,008				
5	73	U169	169	HARVEY COUCH		2	161	1	6				
5	93	0113	8109	ENTERGY-BLYTHEVILLE TURBINE FACILITY		3	67	49	1				
5	103	0055	203	MCCLELLAN		2	545	2,370	107				
5	107	0017	173	ROBERT E RITCHIE		2	234	1	7				
5	119	U167	167	CECIL LYNCH		2	109	0	3				
5	123	0168	168	HAMILTON MOSES		2	78	0	3				
5	147	0024	202	CARL BAILEY		2	344	1,560	79				
6	5	03040120	50950	WHEELABRATOR MARTELL INC.		4	228	4	118				
6	5	0304013	10744	JACKSON VALLEY ENERGY PARTNERS		18	74	82	44				
6	7	04160438	54469	PACIFIC OROVILLE POWER, INC.		3	74	0	6				
6	7	04160456	54477	OROVILLE COGENERATION LTD		15	5	0	0				
6	11	06160655	50293	WADHAM ENERGY LTD PARTNERSHIP		10	157	10	9				
6	13	07130312	271	SOUTHERN ENERGY CALIFORNIA, PI		16	4,235	32	399				
6	13	07130318	228	SOUTHERN ENERGY CALIFORNIA, CO		9	1,231	10	123				
6	13	0713031820	10342	MARTINEZ COGEN LIMITED PARTNER		4	171	5	20				
6	13	0713033243	10367	GWF POWER SYSTEMS,LP (SITE 1)		7	67	98	6				
6	13	0713033244	10368	GWF POWER SYSTEMS,LP (SITE 2)		10	50	55	3				
6	13	0713033245	10369	GWF POWER SYSTEMS,LP (SITE 3)		6	64	94	6				
6	13	0713033246	10371	GWF POWER SYSTEMS,LP (SITE 5)		9	46	54	5				
6	13	0713033981	10370	GWF POWER SYSTEMS,LP (SITE 4)		6	30	24	5				
6	13	0713038664	55084	CROCKETT COGENERATION, A CAL L		5	13	1	20				
6	19	10143014	10156	FRESNO COGENERATION PARTNERS		2	41	3	1				
6	19	1014301820	10767	RIO BRAVO FRESNO		1	44	16	3				
6	19	101430354	50131	COALINGA COGENERATION CO		1	27	1	0				
6	19	101430722	10405	KINGSBURG COGEN FACILITY		3	17	0	3				
6	23	12062059	246	P G & E-HUMBOLDT BAY PLANT		6	2,185	1,462	96				
6	23	12062096	10052	FAIRHAVEN POWER COMPANY		2	142	0	47				
6	23	12062097	10764	ULTRAPOWER 3		1	63	0	8				
6	25	13151115	389	IMPERIAL IRRIGATION DISTRICT		3	243	2	26				
6	25	13151152	50762	ORMESA 1H		1	0	0	0				
6	25	13151165	50766	ORMESA 1		1	0	0	0				
6	25	13151166	54724	ORMESA 2		1	0	0	0				
6	25	13151167	50764	ORMESA 1E		1	0	0	0				
6	29	150512593	10850	MOJAVE COGENERATION COMPANY		1	45	1	12				
6	29	1514301118	50495	HIGH SIERRA LIMITED		2	22	0	1				

State ID	County ID	Plant ID	ORIS ID	PLANT	Partial Site	# EGU recs	EGU NOX	EGU SO2	EGU PM25	# Non-EGU recs	Non-EGU NOX	Non-EGU SO2	Non-EGU PM25
6	29	1514301120	50494	KERN FRONT LIMITED		2	21	0	4				
6	29	1514301135	52169	AERA ENERGY LLC	yes	6	882	10	143	24	116	41	22
6	29	1514301250	10650	BADGER CREEK LIMITED		1	14	0	1				
6	29	1514301548	50752	AERA ENERGY LLC	yes	23	266	0	3	5	5	0	2
6	29	151430172	54768	LIVE OAK LIMITED		1	14	0	0				
6	29	1514301751	10768	RIO BRAVO JASMIN		2	129	52	0				
6	29	1514302049	10649	BEAR MOUNTAIN LIMITED		1	20	0	8				
6	29	151430511	50134	SYCAMORE COGENERATION CO		4	435	14	2				
6	29	151430723	50003	CHALK CLIFF LIMITED		1	17	0	1				
6	29	15143073	54371	OILDALE ENERGY LLC		2	92	2	73				
6	29	15143075	10840	DELANO ENERGY COMPANY INC		5	155	19	18				
6	29	15143088	10496	KERN RIVER COGENERATION CO		5	608	6	45				
6	29	151430883	10769	RIO BRAVO POSO		2	136	46	1				
6	29	15143091	54626	MT POSO COGENERATION COMPANY		1	61	21	0				
6	31	161430603	10373	HANFORD L P		3	34	34	0				
6	33	170213290	50066	CALISTOGA GEOTHERMAL PARTNERS		1	0	0	1				
6	35	18081415	10777	H.L. POWER COMPANY		1	155	1	34				
6	37	191026106325	50541	HARBOR COGENERATION CO		4	118	0	7				
6	37	19102614052	356	SO CAL EDISON CO		16	428	19	240				
6	37	19102614502	7436	VERNON CITY, LIGHT & POWER DEP		9	7	0	1				
6	37	19102618763	330	SO CAL EDISON CO		9	290	6	67				
6	37	19102625638	6013	BURBANK CITY, PUB SERV DEPT		10	105	1	7				
6	37	19102642676	10677	AES PLACERITA INC		13	78	0	0				
6	37	1910264477	6704	SO CAL EDISON CO		13	521	4	113				
6	37	19102650813	50791	O'BRIEN CALIF COGEN LTD		2	31	1	7				
6	37	19102651620	50876	WHEELABRATOR NORWALK ENERGY CO		8	101	1	13				
6	37	19102675373	10478	FPB COGEN PARTNERS, L.P.		3	274	1	18				
6	37	191026800074	400	LA CITY, DWP HAYNES GENERATING		14	368	11	128				
6	37	191026800075	404	LA CITY, DWP SCATTERGOOD GENER		12	431	13	73				
6	37	191026800125	315	SO CAL EDISON CO		20	1,036	27	336				
6	37	191026800168	420	PASADENA CITY, DWP (EIS USE)		14	46	1	9				
6	37	191026800170	399	LA CITY, DWP HARBOR GENERATING		12	136	4	0				
6	37	191026800193	408	LA CITY, DWP VALLEY GENERATING		17	53	1	7				
6	37	191026800327	377	GLENDALE CITY, PUBLIC SERVICE		28	166	5	15				
6	37	19102694079	10169	CARSON COGENERATION CO, CALIF		8	45	1	2				
6	51	2601091316	10480	MAMMOTH-PACIFIC		2	0	0	0				

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6	53	27071525	260	DUKE ENERGY MOSS LANDING LLC		2	1,936	23	297				
6	53	2707152501	50864	SARGENT CANYON COGENERATION C		1	21	0	0				
6	53	2707152502	50865	SALINAS RIVER COGENERATION COM		1	31	0	0				
6	53	27071564	10294	CALPINE KING CITY COGEN, LLC		4	79	1	22				
6	59	301026800126	335	SO CAL EDISON CO		8	432	4	56				
6	63	32042235	6524	SIERRA PACIFIC POWER		1	3	0	0				
6	67	341624193	7527	CARSON ENERGY/SMUD		4	29	2	11				
6	67	341624194	7552	SACRAMENTO POWER AUTHORITY		2	42	3	7				
6	67	341624195	7551	SACRAMENTO COGENERATION AUTHOY		3	42	2	25				
6	67	341624196	55766	KIEFER LANDFILL		3	17	4	4				
6	71	36051850001051	10002	ACE COGENERATION		6	319	359	15				
6	71	3605186900004	329	RELIANT ENERGY		11	1,356	9	104				
6	71	360518900002	10684	IMC CHEMICALS, INC.	yes	1	905	88	8	117	1,149	73	278
6	71	3610261026	358	SO CAL EDISON CO		2	16	0	2				
6	71	36102615872	334	SO CAL EDISON CO		4	28	0	1				
6	71	36102642577	10427	ONTARIO COGENERATION INC		4	168	0	8				
6	71	36102647781	50850	OLS ENERGY-CHINO C/O GPU INT'L		4	32	1	14				
6	71	361026800224	331	SO CAL EDISON CO (EIS USE)		11	603	6	76				
6	73	371227546	300	CABRILLO POWER II LLC DIVISION		2	3	1	1				
6	73	3712275924	10386	LANDFILL GEN. - SAN MARCOS L.F		1	37	1	5				
6	73	3712276257	10387	LANDFILL GEN. - SYCAMORE L.F.		1	26	1	5				
6	73	37122772	310	DUKE ENERGY-SOUTH BAY POWER PL		4	271	84	86				
6	73	37122773	302	CABRILLO POWER I LLC ENCINA PO		7	1,143	120	183				
6	73	3712278469	54749	GOAL LINE LP - ESCONDIDO		2	28	1	66				
6	75	38130324	247	PG & E CO, HUNTERS POINT POWER		13	373	13	34				
6	75	38130326	273	SOUTHERN ENERGY CALIFORNIA, PO		10	529	160	55				
6	77	3914301027	50062	SAN JOAQUIN COGEN		1	18	1	10				
6	77	391430802	10640	STOCKTON COGEN COMPANY		7	113	233	2				
6	79	40113174	6099	PG&E DIABLO CANYON PP		3	28	0	1				
6	79	4011318	259	DUKE ENERGY MORRO BAY		6	858	13	157				
6	83	4211251021	10733	SANTA MARIA COGEN, INC.		1	8	0	2				
6	83	4211252381	8076	ELLWOOD GENERATING STATION		2	21	0	1				
6	85	43130311180	10034	CALPINE GILROY COGEN, L P		3	324	2	13				
6	85	4313031629	10168	CARDINAL COGEN A JOINT VENTURE		6	112	1	35				
6	85	4313031771	7231	CITY OF SANTA CLARA		3	26	0	1				
6	85	431303732	54561	JEFFERSON SMURFIT CORPORATION	yes	2	43	0	13	6	32	0	1

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6	89	45162842	54219	BURNEY MOUNTAIN POWER		1	37	5	14				
6	89	45162843	50881	WHEELABRATOR ENERGY SYSTEM		4	880	9	77				
6	91	46042212	234	P.G. & E		1	0	0	0				
6	97	49062110006009	286	PG&E UNIT 10		1	0	0	5				
6	97	49062110006017	7368	NCPA UNIT 1		1	0	0	1				
6	97	49062110006019	7369	NCPA UNIT 3		1	0	0	1				
6	97	49062110006024	52158	AIDLIN GEOTHERMAL PROJECT		2	2	2	13				
6	99	5014302045	50294	MODESTO ENERGY LIMITED PARTNER		2	62	31	3				
6	99	5014302052	151	MODESTO IRRIGATION DISTRICT		3	19	0	1				
6	99	5014302246	7315	TURLOCK IRRIGATION DISTRICT		2	8	0	0				
6	99	5014303233	7266	MODESTO IRRIGATION DISTRICT		1	6	0	5				
6	101	51160813003	10350	CALPINE GREENLEAF I		2	204	0	20				
6	101	51160813004	10349	CALPINE GREENLEAF II		1	29	1	12				
6	111	5611341267	50851	O.L.S. ENERGY		5	26	1	7				
6	111	56113413	345	MANDALAY POWER GENERATION		3	93	6	75				
6	111	56113465	350	SCE-ORMOND BEACH GEN STATION		4	234	18	225				
6	113	571635257	10836	WOODLAND BIOMASS POWER LTD		9	79	39	97				
6	113	571635259	54567	MM YOLO POWER LLC		6	34	5	2				
8	1	0001	469	PUBLIC SERVICE CO CHEROKEE PLT		11	10,208	17,994	602				
8	3	0007	464	PUBLIC SERVICE CO ALAMOSA PLT		2	60	2	6				
8	11	0005	507	LAS ANIMAS MUNI P&L		2	2	0	0				
8	13	0001	477	PUBLIC SERVICE CO - VALMONT		7	2,062	5,050	120				
8	13	0553	54372	UNIV OF COLO - BOULDER BUFFALO POWER		9	124	3	15				
8	31	0007	478	PUBLIC SERVICE CO ZUNI PLT		3	183	3	6				
8	31	0008	465	PUBLIC SERVICE CO - ARAPAHOE		9	5,059	4,652	172				
8	41	0003	493	COLORADO SPRINGS UTILITIES-BIRDSALL PLT		5	248	5	13				
8	41	0004	492	COLORADO SPRINGS UTILITIES-DRAKE PLT		9	4,567	8,800	424				
8	41	0030	8219	COLORADO SPRINGS UTILITIES - NIXON PLT		8	2,689	4,114	283				
8	43	0003	462	WEST PLAINS ENERGY - W.N. CLARK STATION		7	1,474	1,419	58				
8	63	0003	6619	TRI STATE GENERATION BURLINGTON		2	97	30	9				
8	69	0053	6761	PLATTE RIVER POWER AUTHORITY - RAWHIDE		21	4,298	954	293				
8	71	0005	511	TRINIDAD MUNI P&L		2	0	0	0				
8	77	0002	468	PUBLIC SERVICE CO CAMEO PLT		6	1,545	3,039	93				
8	81	0018	6021	TRI STATE GENERATION CRAIG		16	18,924	9,670	1,445				
8	85	0001	527	TRI STATE GENERATION NUCLA		11	1,176	1,421	150				
8	87	0011	6248	PUBLIC SERVICE CO PAWNEE PLT		8	5,846	17,031	360				

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8	87	0027	10683	BRUSH COGENERATION PARTNERS/COLO POWER		9	386	10	136				
8	89	0003	506	LA JUNTA MUNI UTILITIES		9	6	0	0				
8	89	0004	6516	WEST PLAINS ENERGY - ROCKY FORD STATION		1	36	2	1				
8	99	0006	508	LAMAR UTILITIES BOARD		1	74	1	3				
8	99	0063	502	TOWN OF HOLLY		1	0	0	0				
8	101	0003	470	PUBLIC SERVICE CO COMANCHE PLT		7	6,843	15,910	364				
8	101	0008	460	WEST PLAINS ENERGY - PUEBLO STATION		2	121	3	4				
8	107	0001	525	PUBLIC SERVICE CO HAYDEN PLT		9	8,182	2,709	520				
8	123	0023	6112	PUBLIC SERVICE CO FORT SAINT VRAIN PLT		4	412	7	75				
8	123	0126	50676	THERMO POWER & ELEC INC		5	386	2	47				
8	123	0250	50708	THERMO COGEN PARTNERSHIP FT LUPTON		4	600	11	120				
8	123	0412	50709	THERMO GREELEY INC		1	102	1	8				
9	1	0195	568	WISVEST-CONNECTICUT, LLC		5	3,388	10,864	355				
9	1	0915	50883	BRIDGEPORT RESCO CO LP		3	1,689	275	132				
9	1	1012	55042	BRIDGEPORT ENERGY LLC		2	142	5	54				
9	1	4214	548	NRG NORWALK HARBOR OPERATIONS		6	1,071	4,393	52				
9	1	4491	6598	SOUTH NORWALK ELECTRIC WORKS		6	24	3	3				
9	3	3059	54945	C R R A / MID-CONNECTICUT		3	910	221	208				
9	3	3666	50498	CAPITOL DISTRICT ENERGY CENTER		3	2	3	0				
9	3	8601	10567	DEXTER CORP /COGENERATION DIV		3	2	2	0				
9	7	0874	562	NRG MIDDLETOWN OPERATIONS, INC		12	2,922	3,539	173				
9	9	2514	544	DEVON		18	1,034	3,000	69				
9	9	3851	6156	WISVEST-CONNECTICUT, LLC		5	1,820	9,545	101				
9	11	1314	54758	RILEY ENERGY SYS-LISBON CORP	yes	2	323	68	18	1	0	0	56
9	11	1505	546	NRG MONTVILLE OPERATIONS, INC		9	895	3,002	145				
9	11	1544	10675	A E S THAMES INC		6	369	2,788	775				
9	11	2912	10646	AMERICAN REF FUEL CO OF SE CT	yes	2	507	87	80	1	0	0	0
9	15	2305	50736	EXETER ENERGY L.P.		4	162	353	4				
10	1	1000100002	599	CITY OF DOVER - MCKEE RUN GENERATING STA		8	468	842	20				
10	1	1000100076	7318	CITY OF DOVER, VAN SANT GENERATING STA.		2	6	14	3				
10	3	1000300005	592	CONECTIV DELMARVA GENERATION-DEL CITY		1	6	1	0				
10	3	1000300006	597	CONECTIV DELMARVA GENERATION-WEST_SUBST		1	9	2	1				
10	3	1000300007	593	CONECTIV DELMARVA GENERATION-EDGE MOOR		16	4,516	11,174	432				
10	3	1000300046	596	CONECTIV DELMARVA GENERATION-MADISON ST.		1	6	1	0				
10	3	1000300317	591	CONECTIV DELMARVA GENERATION-CHRISTIANA		2	35	8	2				
10	3	1000300388	7153	CONECTIV DELMARVA GENERATION-HAY ROAD		6	382	5	102				

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10	5	1000500001	594	INDIAN RIVER POWER LLC		10	5,610	22,974	1,933				
10	5	1000500029	600	CITY OF LEWES POWER PLANT		2	3	0	0				
10	5	1000500108	601	CITY OF SEAFORD-ELECTRIC POWER PLANT		5	59	4	4				
11	1	0001	603	BENNING		4	235	754	11				
11	1	0040	604	PEPCO-BUZZARD PT GEN STN		2	105	169	10				
12	1	0010001	7345	FLORIDA POWER CORPORATION		5	135	3	13				
12	1	0010005	664	GAINESVILLE REGIONAL UTILITIES		4	171	203	8				
12	1	0010006	663	CITY OF GAINESVILLE, GRU		9	4,025	8,161	363				
12	5	0050014	643	GULF POWER COMPANY		6	5,603	16,307	885				
12	9	0090006	609	FLORIDA POWER & LIGHT (PCC)		4	12,324	13,048	267				
12	9	0090008	683	RELIANT ENERGY / ORLANDO UTLITIES		9	306	4	120				
12	11	0110036	617	FLORIDA POWER & LIGHT (PPE)		10	10,480	22,221	434				
12	11	0110037	613	FLORIDA POWER & LIGHT (PFL)		13	3,449	22	181				
12	11	0112119	50887	WHEELABRATOR SOUTH BROWARD, INC	yes	3	1,531	48	3	2	0	0	0
12	11	0112120	54033	WHEELABRATOR NORTH BROWARD, INC.	yes	3	1,477	8	12	2	0	0	0
12	17	0170004	628	FLORIDA POWER CORPORATION		18	34,716	94,852	4,647				
12	31	0310010	10008	BAPTIST MEDICAL CENTER		13	225	29	23				
12	31	0310045	207	JEA		14	26,680	22,732	2,219				
12	31	0310045A	667	JEA B		6	5,531	22,488	857				
12	31	0310046	668	JEA		5	1,359	2,207	114				
12	31	0310047	666	JEA		6	1,852	2,030	54				
12	31	0310337	10672	CEDAR BAY COGENERATION INC.		24	1,816	2,006	136				
12	33	0330040	10416	SOLUTIA INC.	yes	5	1,047	2	35	49	1,585	132	297
12	33	0330045	641	GULF POWER COMPANY		16	12,352	45,235	3,046				
12	49	0490015	50949	HARDEE POWER PARTNERS,LTD		6	757	9	31				
12	53	0530021	10333	FLORIDA CRUSHED STONE CO., INC.	yes	2	3,187	2,751	3	26	570	3	7
12	57	0570038	647	TAMPA ELECTRIC COMPANY		8	191	551	11				
12	57	0570039	645	TAMPA ELECTRIC COMPANY		26	30,126	13,671	1,711				
12	57	0570040	646	TAMPA ELECTRIC COMPANY		23	25,349	55,050	5,459				
12	57	0570261	50858	HILLSBOROUGH CTY. RESOURCE RECOVERY FAC.	yes	3	815	420	15	3	0	0	2
12	61	0610029	693	CITY OF VERO BEACH		8	113	3	7				
12	63	0630014	642	GULF POWER COMPANY		5	1,096	2,657	228				
12	69	0694801	54423	LAKE INVESTMENT, L.P.		1	162	5	11				
12	71	0710002	612	FLORIDA POWER & LIGHT (PFM)		5	8,582	18,673	333				
12	71	0710119	52010	LEE COUNTY DEPT. OF SOLID WASTE MGT.	yes	4	600	90	3	1	0	0	0
12	73	0730003	688	CITY OF TALLAHASSEE		8	1,043	368	57				

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12	77	0770009	50774	TIMBER ENERGY RESOURCES		1	105	5	1				
12	81	0810010	6042	FLORIDA POWER & LIGHT (PMT)		8	9,143	34,595	601				
12	85	0850001	6043	FLORIDA POWER & LIGHT (PMR)		10	7,621	17,608	562				
12	85	0850102	50976	INDIANTOWN COGENERATION, L.P.		7	2,011	1,427	76				
12	86	0250001	610	FLORIDA POWER & LIGHT (PCU)		2	127	1	9				
12	86	0250003	621	FLORIDA POWER & LIGHT (PTF)		10	6,928	9,974	215				
12	86	0250013	665	HOMESTEAD CITY UTILITIES		14	927	26	0				
12	95	0950111	7294	WALT DISNEY WORLD COMPANY	yes	6	71	0	2	16	251	1	26
12	95	0950137	564	ORLANDO UTILITIES COMMISSION		4	10,286	9,929	942				
12	95	0950203	54466	ORLANDO COGEN LIMITED, L.P.		2	240	2	25				
12	97	0970001	672	KISSIMMEE UTILITY AUTHORITY		4	49	1	11				
12	97	0970002	685	ST CLOUD CITY POWER PLANT		12	8	1	0				
12	97	0970014	8049	FLORIDA POWER CORPORATION		21	1,403	424	85				
12	97	0970043	7238	KISSIMMEE UTILITY AUTHORITY		4	142	19	39				
12	99	0990042	619	FLORIDA POWER & LIGHT (PRV)		6	6,785	21,973	298				
12	99	0990045	673	CITY OF LAKE WORTH UTILITIES		9	614	53	16				
12	99	0990332	54627	OKEELANTA POWER L.P.		9	717	50	128				
12	101	1010017	8048	FLORIDA POWER CORP.		8	8,578	29,991	1,279				
12	101	1010056	50666	PASCO COUNTY	yes	6	959	15	17	1	0	0	0
12	103	1030011	634	FLORIDA POWER CORPORATION		17	4,731	25,889	732				
12	103	1030013	627	FLORIDA POWER CORPORATION		6	437	278	29				
12	103	1030117	50884	PINELLAS CO. BOARD OF CO. COMMISSIONERS	yes	7	1,314	305	54	1	0	0	0
12	105	1050003	675	LAKELAND ELECTRIC		11	529	531	57				
12	105	1050004	676	LAKELAND ELECTRIC		28	9,301	12,706	584				
12	105	1050216	54529	RIDGE GENERATING STATION, L.P.		1	339	254	16				
12	105	1050221	54658	CALPINE/AUBURNDALE POWER PARTNERS, LP		1	211	6	28				
12	105	1050223	7699	FLORIDA POWER CORPORATION		1	187	3	35				
12	105	1050231	54365	ORANGE COGENERATION LIMITED PARTNERSHIP		3	122	2	2				
12	105	1050233	7242	TAMPA ELECTRIC COMPANY		3	504	819	2,410				
12	105	1050234	7302	FLORIDA POWER CORPORATION		5	336	5	59				
12	107	1070014	6246	FLORIDA POWER & LIGHT (PPN)		13	3,325	29	68				
12	107	1070025	136	SEMINOLE ELECTRIC COOPERATIVE, INC.		8	25,038	29,848	1,412				
12	111	1110003	658	FT PIERCE UTILITIES AUTHORITY		8	176	1	24				
12	121	1210003	638	FLORIDA POWER CORPORATION		15	1,003	4,806	167				
12	127	1270009	620	FLORIDA POWER & LIGHT (PSN)		7	11,460	22,544	423				
12	127	1270020	629	FLORIDA POWER CORPORATION		4	321	176	9				

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12	127	1270028	6046	FLORIDA POWER CORPORATION		17	1,408	518	73				
12	129	1290001	689	TALLAHASSEE CITY PURDOM GENERATING STA.		10	282	26	5				
13	15	00011	703	BOWEN STEAM ELECTRIC GENERATING PLANT		12	37,407	154,108	7,758				
13	51	0006	733	KRAFT		8	3,157	6,893	474				
13	51	0018	734	RIVERSIDE		4	12	0	0				
13	67	00004	710	MCDONOUGH/ATKINSON STEAM ELECTRIC GENERA		17	4,463	23,595	1,175				
13	77	00001	728	YATES STEAM LELECTRIC GENERATING PLANT		23	9,317	44,496	2,394				
13	95	0002	727	MITCHELL		6	1,763	4,277	243				
13	103	0003	6124	MCINTOSH		2	4,463	7,468	609				
13	115	00003	708	HAMMOND STEAM ELECTRIC GENERATING PLANT		8	14,186	27,016	1,303				
13	127	0004	715	MCMANUS		4	200	1,750	26				
13	135	00185	54392	B.J. SANITARY LANDFILL AND RECYCLING CEN		2	36	0	0				
13	147	0001	54538	HARTWELL ENERGY FACILITY		2	139	3	20				
13	149	00001	6052	WANSLEY STEAM ELECTRIC GENERATION PLANT		7	21,043	75,695	3,823				
13	207	00008	6257	SCHERER STEAM ELECTRIC GENERATING PLANT		8	31,274	75,423	2,938				
13	237	0008	709	HARLLEE BRANCH		8	33,439	65,517	3,356				
13	321	0004	753	CRISP		2	1	0	0				
16	55	05500040	7456	Avista Corporation		3	50	1	12				
17	11	011085AAA	957	PRINCETON MUNCIPAL ELECTRIC UTILITY		11	10	0	0				
17	19	019065AAN	958	RANTOUL ELECTRIC GENERATING PLANT		8	120	9	0				
17	21	021814AAB	876	KINCAID GENERATION, L.L.C.		10	22,650	17,805	473				
17	27	027025AAB	934	BREESE MUNICIPAL POWER PLANT		6	48	8	0				
17	31	031270AAA	52045	ROBBINS RESOURCE RECOVERY PARTNER, L.P.		2	466	5	10				
17	31	031333AAD	972	WINNETKA ELECTRIC PLANT		7	27	1	0				
17	31	031600AIN	867	MIDWEST GENERATION L.L.C.		15	2,450	5,668	249				
17	31	031600AMI	886	MIDWEST GENERATION L.L.C.		8	2,483	3,537	119				
17	31	031801AAE	55174	NEW HEIGHTS RECOVERY AND POWER, LLC		2	0	0	3				
17	31	031812AAQ	50575	LAKE LANDFILL	yes	1	0	0	0	3	0	0	0
17	33	033801AAA	863	AMEREN CIPS		4	1,804	15,102	818				
17	43	043448AAB	54836	BROWNING-FERRIS GAS SERVICE-MALLARD LAKE	yes	1	15	0	12	2	0	0	0
17	57	057801AAA	6016	CENTRAL ILLINOIS LIGHT CO.-DUCK CREEK		16	6,616	11,089	383				
17	63	063800AAJ	55216	COGEN AMERICA (MORRIS), LLC		12	1,199	52	115				
17	63	063806AAF	6025	MIDWEST GENERATION L.L.C.		12	2,931	5,549	379				
17	65	065020AAW	948	MCLEANSBORO POWER PLANT		4	5	1	0				
17	73	073050AAA	944	GENESEO MUNICIPAL UTILITIES		8	114	5	2				
17	77	077806AAA	862	AMEREN CIPS		5	2,319	13,214	741				

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17	79	079808AAA	6017	AMEREN CIPS		9	5,019	15,458	595				
17	89	089808AAA	50563	SETTLERS HILL RDF/MIDWAY LANDFILL	yes	2	39	3	0	1	49	45	2
17	91	091809AAF	54659	KANKAKEE REYCLYING AND DISPOSAL	yes	3	70	10	1	1	0	0	1
17	97	097190AAC	883	MIDWEST GENERATION L.L.C.		12	6,395	11,033	446				
17	99	099085AAH	955	CITY OF PERU GENERATING STATION		3	3	1	0				
17	99	099816AAB	894	ILLINOIS POWER CO.-OGLESBY TURBINE FAC.		3	46	1	0				
17	109	109015AAH	935	BUSHNELL MUNICIPAL ELECTRIC LIGHT AND PO		4	1	0	0				
17	119	119020AAE	898	ILLINOIS POWER CO.-WOOD RIVER POWER STA.		12	6,079	17,796	987				
17	119	119055AAD	946	HIGHLAND ELECTRIC LIGHT PLANT		4	35	0	0				
17	119	119105AAA	913	UNION ELECTRIC - VENICE POWER STATION		18	146	3	4				
17	119	119813AAC	895	ILLINOIS POWER CO.-STALLINGS TURB. FAC.		3	6	0	0				
17	125	125804AAB	891	ILLINOIS POWER CO.-HAVANA POWER PLANT		11	3,727	8,126	346				
17	127	127855AAC	887	ELECTRIC ENERGY, INC.		10	6,898	22,180	893				
17	133	133030AAO	971	WATERLOO CITY LIGHT PLANT		11	7	0	0				
17	135	135803AAA	861	AMEREN CIPS		12	15,276	37,687	1,571				
17	137	137805AAA	864	AMEREN CIPS		8	3,482	22,421	1,143				
17	139	139030AAE	969	SULLIVAN POWER PLANT		11	135	67	2				
17	141	141050AAH	961	ROCHELLE MUNICIPAL UTILITIES STEAM PLANT		8	353	3	0				
17	141	141050AAV	960	ROCHELLE MUNICIPAL DIESEL PLANT		15	94	2	3				
17	141	141820AAA	6023	COM ED - BYRON GENERATING STATION		5	2	0	0				
17	143	143065AMW	860	CENTRAL ILLINOIS LIGHT CO.-STERLING AVE.		1	1	0	0				
17	143	143805AAG	856	CENTRAL ILLINOIS LIGHT CO.-E.D. EDWARDS		4	9,612	50,126	2,577				
17	149	149817AAB	6238	SOYLAND POWER COOP, INC.-PEARL STATION		4	1,125	5,852	47				
17	155	155010AAA	892	ILLINOIS POWER CO - HENNEPIN POWER STATI		8	3,092	4,173	159				
17	157	157851AAA	889	ILLINOIS POWER CO. - BALDWIN		19	28,389	23,131	924				
17	161	161025ABU	55764	UPPER ROCK ENERGY PARTNERS, LLC		1	31	0	0				
17	161	161045AAV	899	MIDAMERICAN ENERGY CO-MOLINE COMBUSTION		6	7	0	0				
17	161	161807AAB	880	COM ED - QUAD CITIES STATION - CORDOVA		3	7	0	1				
17	163	163080AAC	950	MASCOUTAH POWER PLANT		6	14	0	0				
17	167	167120AAO	963	CITY WATER LIGHT AND POWER		5	7,656	12,132	333				
17	167	167120AAOA	964	CITY WATER LIGHT AND POWER B		2	1,626	2,907	510				
17	167	167120AGQ	7425	CITY WATER LIGHT AND POWER		1	107	1	1				
17	179	179060ADB	7384	CENTRAL ILLINOIS LIGHT CO.		2	238	4	10				
17	179	179801AAA	879	MIDWEST GENERATION L.L.C.		16	35,626	20,536	621				
17	179	179806AAB	50721	TAZEWELL RECYCLING AND DISPOSAL FACILITY	yes	3	97	58	2	1	0	0	18
17	183	183020AIF	55762	BRICKYARD DISPOSAL AND RECYCLING INC		1	11	0	0				

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17	183	183814AAA	897	ILLINOIS POWER CO.-VERMILLION POWER STA.		10	1,939	15,115	791				
17	191	191010AAI	940	FAIRFIELD MUNICIPAL LIGHT		2	18	1	1				
17	197	197809AAO	384	MIDWEST GENERATION L.L.C.		13	4,058	16,131	538				
17	197	197809AAOA	874	MIDWEST GENERATION L.L.C. B		7	2,979	4,077	87				
17	197	197810AAK	884	MIDWEST GENERATION L.L.C.		17	10,806	10,933	435				
17	197	197816AAB	6022	COM ED - BRAIDWOOD GENERATING STATION		2	4	0	0				
17	199	199856AAC	976	SOUTHERN ILLINOIS POWER COOP-MARION		10	7,718	15,376	739				
18	17	00006	1032	LOGANSPORT MUNICIPAL LIGHT & POWER		3	1,232	2,847	154				
18	29	00002	988	AMERICAN ELECTRIC POWER-TANNERS CREEK		9	25,775	55,431	2,680				
18	37	00002	6225	JASPER MUNICIPAL ELECTRIC UTILITY		3	469	1,165	92				
18	43	00004	1008	PSI ENERGY - GALLAGHER		10	6,663	47,511	2,955				
18	51	00013	6113	PSI ENERGY - GIBSON		11	44,060	148,331	8,642				
18	57	00004	1007	PSI ENERGY-NOBLESVILLE		8	1,579	4,689	281				
18	73	00008	6085	NIPSCO - R.M. SCHAHFER		13	19,629	34,068	1,143				
18	77	00001	983	IKEC - CLIFTY CREEK STATION		12	31,233	39,164	1,689				
18	83	00003	1004	PSI ENERGY-EDWARDSPORT		8	2,600	9,125	465				
18	89	00117	996	NIPSCO - D. H. MITCHELL STATION		14	2,979	6,797	199				
18	89	00210	981	STATE LINE ENERGY LLC		13	7,873	7,863	203				
18	91	00021	997	NIPSCO - MICHIGAN CITY		7	10,697	10,279	160				
18	91	00067	54956	DEERCROFT RECYCLING & DISPOSAL FACIL.		6	75	7	5				
18	97	00033	990	IPALCO - STOUT		19	6,822	43,089	2,240				
18	97	00034	992	IPALCO - PERRY K		16	1,433	1,817	87				
18	103	00001	1037	PERU ELECTRIC LIGHT & POWER		2	79	306	18				
18	107	00003	1024	CRAWFORDSVILLE ELECTRIC LIGHT & POWER		11	211	574	42				
18	109	00004	991	IPALCO-PRITCHARD STATION		14	4,481	16,438	659				
18	125	00001	1043	HOOSIER ENERGY - RATTS STATION		4	4,631	21,423	1,075				
18	125	00002	994	IPALCO-PETERSBURG		17	22,728	42,003	2,040				
18	127	00002	995	NIPSCO - BAILLY STATION		16	18,639	6,091	457				
18	129	00010	6137	SIGECO - A. B. BROWN		8	7,259	7,602	540				
18	147	00020	6166	INDIANA MICHIGAN POWER-ROCKPORT		10	35,013	57,404	4,003				
18	153	00005	6213	HOOSIER ENERGY RURAL ELEC MEROM STATION		9	16,050	15,491	1,196				
18	165	00001	1001	PSI ENERGY - CAYUGA		11	10,291	58,828	3,229				
18	167	00021	1010	PSI ENERGY - WABASH RIVER		17	10,842	52,778	3,212				
18	173	00001	1012	SIGECO - F.B.CULLEY GENERATING STATION		13	6,543	9,803	561				
18	173	00002	6705	SIGECO-WARRICK PWR PLANT-ALCOA GENERATNG		17	17,228	87,885	4,518				
18	177	00009	1040	RICHMOND POWER & LIGHT		10	1,587	13,432	769				

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19	5	0005	1047	LANSING		8	3,441	5,042	230				
19	13	0010	1131	STREETER STATION		3	339	834	59				
19	41	0010	1217	EARL F WISDOM		2	183	539	27				
19	45	0075	1048	MILTON L KAPP		3	1,106	4,269	122				
19	57	0025	1104	BURLINGTON		3	1,269	4,968	122				
19	61	0060	1046	DUBUQUE		5	1,907	2,758	110				
19	87	U116	1166	MT PLEASANT		1	0	0	0				
19	113	0120	1058	SIXTH STREET		11	1,616	1,792	55				
19	113	0125	1073	PRAIRIE CREEK		10	3,649	5,751	348				
19	115	0005	6664	LOUISA		2	7,350	14,304	453				
19	125	0030	1175	PELLA		3	274	456	12				
19	127	0090	1077	SUTHERLAND		9	3,345	4,244	85				
19	139	0020	1218	FAIR STATION		3	1,297	9,848	500				
19	139	0055	1167	MUSCATINE		6	4,781	4,481	243				
19	155	0115	1082	COUNCIL BLUFFS		6	14,328	20,771	613				
19	163	0090	1081	RIVERSIDE		8	1,700	2,441	66				
19	169	0015	1122	AMES MUNICIPAL ELECTRIC SYSTEM 5TH & CAR		7	1,214	985	139				
19	179	0027	6254	OTTUMWA		2	9,117	17,276	496				
19	193	0190	1091	GEORGE NEAL NORTH		6	16,640	23,112	1,110				
19	193	1091	7343	GEORGE NEAL SOUTH		11	7,687	16,105	556				
20	1	00011	1291	CITY OF IOLA POWER PLANT		3	20	0	1,284				
20	3	00001	1278	GARNETT-MUNICIPAL POWER PLANT		6	39	2	1				
20	9	00002	1235	UTILICORP UNITED, INC.		1	84	0	3				
20	9	00025	1274	ELLINWOOD-MUNICIPAL POWER PLANT		2	34	0	0				
20	9	00026	1286	HOISINGTON-MUNICIPAL POWER PLANT		2	21	0	0				
20	15	00009	1261	AUGUSTA-MUNICIPAL POWER PLANT (#1)		5	10	0	0				
20	15	00010	6791	AUGUSTA-MUNICIPAL POWER PLANT (#2)		1	107	0	0				
20	21	00002	1239	EMPIRE DISTRICT ELECTRIC COMPANY (THE)		12	1,478	2,817	89				
20	23	00009	1321	ST. FRANCIS POWER PLANT		2	8	0	0				
20	25	00001	1259	ASHLAND-MUNICIPAL POWER PLANT		2	5	0	0				
20	27	00007	1270	CLAY CENTER PUBLIC UTILITIES		3	123	0	0				
20	31	00006	1266	BURLINGTON-MUNICIPAL POWER PLANT		2	38	1	1				
20	31	00021	210	WOLF CREEK NUCLEAR OPERATING CORP.		2	31	0	0				
20	35	00012	7013	WINFIELD MUNICIPAL POWER PLANT (NEW)		2	32	0	1				
20	37	00006	1279	GIRARD-MUNICIPAL POWER PLANT		4	44	14	1				
20	39	00009	1312	OBERLIN-MUNICIPAL POWER PLANT		2	3	0	0				

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20	41	00034	1283	HERINGTON-MUNICIPAL POWER PLANT		2	40	2	2				
20	45	00011	1262	BALDWIN CITY-MUNICIPAL POWER PLANT		2	37	2	2				
20	45	00014	1250	WESTERN RESOURCES, INC.		14	7,380	6,501	734				
20	55	00023	108	SUNFLOWER ELECTRIC POWER CORPORATION		3	3,874	2,123	292				
20	55	00026	1336	SUNFLOWER ELECTRIC POWER CORPORATION		7	266	1	12				
20	57	00001	1233	UTILICORP UNITED, INC.		1	435	1	15				
20	59	00006	1316	OTTAWA-MUNICIPAL POWER PLANT		3	110	0	2				
20	65	00009	1285	HILL CITY-MUNICIPAL POWER PLANT		2	22	0	0				
20	77	00002	1258	ANTHONY-MUNICIPAL POWER PLANT		3	91	0	0				
20	77	00013	1260	ATTICA-MUNICIPAL POWER PLANT		2	9	0	0				
20	85	00011	1287	HOLTON-MUNICIPAL POWER PLANT		1	157	3	3				
20	91	00065	7281	GARDNER ENERGY CENTER		1	72	0	3				
20	95	00004	1296	KINGMAN-MUNICIPAL POWER PLANT		6	389	0	13				
20	97	00007	1281	GREENSBURG-MUNICIPAL POWER PLANT		2	24	0	0				
20	105	00013	1300	LINCOLN-MUNICIPAL POWER PLANT		1	14	1	1				
20	107	00005	1241	KANSAS CITY POWER & LIGHT CO.		15	25,521	24,756	1,098				
20	109	00009	1311	OAKLEY-MUNICIPAL POWER PLANT		1	18	0	0				
20	113	00014	1305	MCPHERSON BOARD OF PUBLIC UTILITIES #2		3	97	0	4				
20	113	00046	7515	BOARD OF PUBLIC UTILITIES - #3		2	35	0	5				
20	119	00013	1306	MEADE-MUNICIPAL POWER PLANT		2	82	1	0				
20	121	00001	1314	OSAWATOMIE-MUNICIPAL POWER PLANT		1	13	1	1				
20	123	00012	1264	BELOIT-MUNICIPAL POWER PLANT		1	29	10	1				
20	125	00002	1271	COFFEYVILLE-MUNICIPAL POWER PLANT		2	32	0	2				
20	131	00009	1320	SABETHA-MUNICIPAL POWER PLANT		2	82	2	2				
20	133	00028	7018	CITY OF CHANUTE ELEC. DEPT., PLANT #3		10	184	3	3				
20	133	00030	1268	CITY OF CHANUTE ELEC. DEPT., PLANT #2		2	14	0	0				
20	137	00005	1310	NORTON-MUNICIPAL POWER PLANT		2	25	0	0				
20	139	00012	1265	BURLINGAME-MUNICIPAL POWER PLANT		2	17	0	0				
20	139	00014	1313	OSAGE CITY-MUNICIPAL POWER PLANT		2	0	0	0				
20	141	00009	1315	OSBORNE-MUNICIPAL POWER PLANT		1	3	0	0				
20	143	00013	1307	MINNEAPOLIS-MUNICIPAL POWER PLANT		2	57	1	1				
20	145	00010	1299	LARNED-MUNICIPAL POWER PLANT		3	33	1	1				
20	149	00001	6068	WESTERN RESOURCES, INC. (JEC)		14	30,887	60,924	1,649				
20	149	00012	1328	WAMEGO-MUNICIPAL POWER PLANT		16	94	1	1				
20	151	00005	1317	PRATT-MUNICIPAL POWER PLANT		2	28	0	1				
20	155	00033	1248	WESTERN RESOURCES, INC. (HEC)		9	412	1,504	61				

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20	157	00016	1263	BELLEVILLE-MUNICIPAL POWER PLANT		2	57	1	1				
20	159	00024	1326	STERLING MUNICIPAL POWER PLANT		1	25	1	2				
20	163	00014	1327	STOCKTON-MUNICIPAL POWER PLANT		2	11	0	0				
20	165	00001	1297	LACROSSE MUNICIPAL POWER PLANT		1	2	0	0				
20	167	00005	1319	RUSSELL-MUNICIPAL POWER PLANT		2	1,027	34	94				
20	173	00012	1240	WESTERN RESOURCES, INC. (GORDON EVANS)		5	2,441	1,905	91				
20	173	00014	1242	WESTERN RESOURCES, INC.-MURRY GILL		7	808	2,586	100				
20	175	00001	1230	UTILICORP UNITED, INC.		3	157	0	9				
20	177	00030	1252	WESTERN RESOURCES, INC. (TEC)		17	3,770	5,468	177				
20	181	00005	1280	GOODLAND-MUNICIPAL POWER PLANT		14	53	0	0				
20	185	00017	1325	STAFFORD-MUNICIPAL POWER PLANT		1	0	0	0				
20	187	00009	6579	JOHNSON CITY MUNICIPAL POWER PLANT		2	40	1	1				
20	189	00020	1289	HUGOTON-MUNICIPAL POWER PLANT (#1)		2	0	0	0				
20	189	00021	7011	HUGOTON-MUNICIPAL POWER PLANT (#2)		7	236	12	51				
20	191	00019	1330	WELLINGTON-MUNICIPAL POWER PLANT		3	25	0	2				
20	191	00055	7432	CITY OF OXFORD, MUNICIPAL POWER PLANT		1	11	1	1				
20	191	00056	7339	WELLINGTON CITY POWER PLANT, GAS TURBINE		2	31	0	1				
20	199	00005	1324	SHARON SPRINGS MUNICIPAL POWER PLANT		1	0	0	0				
20	201	00024	1329	WASHINGTON-MUNICIPAL POWER PLANT		2	13	0	0				
20	205	00014	1309	NEODESHA-MUNICIPAL POWER PLANT		1	10	1	1				
20	205	00018	1277	FREDONIA MUNICIPAL POWER PLANT		2	10	0	0				
20	209	00008	6064	BOARD OF PUBLIC UTILITIES - NEARMAN		7	4,732	8,390	227				
20	209	00048	1295	BOARD OF PUBLIC UTILITIES - QUINDARO		12	2,869	3,183	95				
20	209	00049	1294	BOARD OF PUBLIC UTILITIES - KAW		4	58	0	1				
21	13	2101300001	1360	KENTUCKY UTILITIES		4	576	1,144	55				
21	15	2101500029	6018	CINCINNATI GAS & ELECTRIC		12	8,161	13,107	659				
21	41	2104100010	1356	KENTUCKY UTILITIES CO		18	22,430	52,235	3,003				
21	49	2104900003	1385	EAST KY POWER COOP		9	3,318	8,830	426				
21	59	2105900027	1374	OWENSBORO MUNICIPAL UTILITIES		18	14,187	6,370	493				
21	91	2109100003	1381	WESTERN KY ENERGY CORP		4	7,411	49,120	4,132				
21	101	2110100012	1372	HENDERSON MUN POW & LIGHT		6	180	1,136	43				
21	111	0126	1363	CANE RUN		6	7,188	16,121	571				
21	111	0127	1364	MILL CREEK		8	17,576	22,515	1,626				
21	127	2112700003	1353	KENTUCKY POWER CO		5	19,904	55,859	2,584				
21	145	2114500006	1379	TVA-ENVIRONMENTAL AFFAIRS		47	18,657	32,091	652				
21	161	2116100009	6041	EAST KY POWER COOP		10	11,729	37,383	1,807				

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21	167	2116700001	1355	KENTUCKY UTILITIES CO		14	7,719	49,101	2,762				
21	177	2117700001	1357	KENTUCKY UTILITIES CO		7	3,257	19,353	978				
21	177	2117700006	1378	TVA		37	54,550	111,233	4,136				
21	183	2118300069	6823	WESTERN KY ENERGY CORP		29	9,556	10,613	1,113				
21	199	2119900005	1384	EAST KY POWER COOP		10	4,590	23,389	1,251				
21	223	2122300002	6071	LOUISVILLE GAS & ELECTRIC		11	6,895	7,723	620				
21	233	2123300001	1382	WESTERN KY ENERGY CORP		11	5,628	6,431	657				
21	233	2123300001A	1383	WESTERN KY ENERGY CORP B		1	1,119	9,897	528				
21	233	2123300052	6639	WESTERN KY ENERGY CORP		21	7,737	2,755	1,353				
21	239	2123900001	1361	KENTUCKY UTILITIES		6	1,195	2,353	109				
22	17	0007	1417	AMERICAN ELECTRIC POWER/LIEBERMAN UNITS		4	267	188	12				
22	17	0008	1416	AMERICAN ELECTRIC PWR/ARSENAL HILL #5		1	116	1	7				
22	19	0013	10593	AGRILECTRIC POWER PARTNERS LTD/PLANT 1		2	193	61	0				
22	19	0014	7363	ENTERGY GSI/NELSON		24	9,165	68,677	703				
22	19	0161	50030	ENTERGY GSI/NISCO		4	2,023	3,971	44				
22	31	0001	51	CLECO CORP/DOLET HILLS POWER STATION		3	9,860	20,033	567				
22	33	0002	54518	FORMOSA PLASTICS CORPORATION, LA	yes	4	508	12	159	16	111	0	68
22	33	0181	1391	ENTERGY GSI/LA STN 2 B		6	2,329	31	137				
22	39	0002	55305	CLECO EVANGELINE LLC/EVANGELINE PWR STN		9	1,623	6	71				
22	47	0002	55051	GEORGIA GULF CHEM & VINYLS LLC/PLAQUEMIN	yes	4	1,174	9	393	43	182	0	77
22	47	0010	1394	ENTERGY GSI/WILLOW GLEN		11	4,566	2,121	247				
22	47	0044	1455	LA ENERGY & POWER AUTHORITY/PLAQUEMINE S		2	25	0	1				
22	51	0006	1403	ENTERGY LA/NINEMILE		11	9,153	187	198				
22	55	0002	1443	CITY OF LAFAYETTE/BONIN STATION		3	576	1	18				
22	61	0007	1458	RUSTON ELECTRICAL GENERATING STN./UNITS		3	70	0	4				
22	69	U145	1450	NATCHITOCHES		1	2	0	0				
22	71	0014	1409	ENTERGY NO/MICHOUD		5	5,203	3,458	207				
22	71	0015	1407	ENTERGY NO/A.B.PATERSON		4	333	7	11				
22	73	0004	1404	ENTERGY LA/STERLINGTON		5	2,245	6	45				
22	73	0005	1448	ENTERGY LA/MONROE		3	42	0	3				
22	75	0005	1401	ENTERGY LA/BURAS		1	7	0	1				
22	77	0005	6055	LA GENERATING LLC/BIG CAJUN 2 PWR PLNT		5	21,158	50,217	1,272				
22	77	0010	1464	LA GENERATING LLC/BIG CAJUN 1 PWR PLNT		3	110	0	2				
22	77	0057	1453	LA ENERGY & POWER AUTHORITY/NEW ROADS DI		1	0	1	0				
22	79	0003	6558	CITY OF ALEXANDRIA/D.G. HUNTER GEN. STN		2	25	0	1				
22	79	0010	6190	CLECO CORP/RODEMACHER POWER STATION		4	6,455	12,596	383				

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22	89	0009	1402	ENTERGY LA/LITTLE GYPSY		7	5,925	201	133				
22	89	0014	8056	ENTERGY LA/WATERFORD 1 & 2		4	3,556	6,979	298				
22	101	0007	1400	CLECO CORP/TECHE POWER STATION		6	1,369	75	58				
22	101	0043	1435	CLECO-FRANKLIN ELECTRIC PLANT		1	1	0	0				
22	101	0069	1449	LA ENERGY & POWER AUTHORITY/MORGAN CITY		2	46	0	3				
22	109	0019	1439	TERREBONNE PAR CONSOLIDATED GOVT/HOUMA M		7	166	2	32				
22	119	0013	1447	LA ENERGY & POWER AUTHORITY/MINDEN STEAM		3	17	5	1				
23	3	2300300001	1513	WPS NEW ENGLAND GENERATION INC - CARIBOU		5	6	0	0				
23	3	2300300051	7513	AROOSTOOK VALLEY ELECTRIC COMPANY		4	398	1	9				
23	5	2300500135	1507	FPL ENERGY WYMAN LLC		7	1,594	6,907	98				
23	5	2300500142	50225	REGIONAL WASTE SYSTEMS INC		2	352	79	27				
23	7	2300700023	50650	BORALEX STRATTON ENERGY INC		3	628	53	4				
23	15	2301500010	1496	FPL ENERGY MASON LLC		4	9	14	0				
23	17	2301700045	10495	MEAD PUBLISHING PAPER DIVISION	yes	3	723	510	15	14	1,362	583	501
23	19	2301900086	10766	INDECK WEST ENFIELD ENERGY CENTER		4	6	0	0				
23	19	2301900093	50051	PENOBSCOT ENERGY RECOVERY CO		6	333	40	1				
23	21	2302100014	54852	GREENVILLE STEAM CO		2	228	12	3				
23	31	2303100078	10338	MAINE ENERGY RECOVERY COMPANY		4	531	70	3				
24	1	0203	10678	AES WARRIOR RUN		5	188	0	0				
24	3	0014	1554	B G E - WAGNER STATION		5	6,912	20,410	897				
24	3	0468	602	B G E - BRANDON SHORES		2	13,746	46,766	2,242				
24	5	0076	1555	B G E - NOTCH CLIFF		11	127	0	0				
24	5	0078	1559	B G E - RIVERSIDE		4	178	0	2				
24	5	0079	1552	B G E - CRANE		6	12,657	32,056	1,936				
24	17	0014	1573	PEPCO - MORGANTOWN		10	16,952	75,395	6,730				
24	19	0013	1564	DELMARVA POWER VIENNA		3	377	1,995	26				
24	25	0024	1556	B G E - PERRYMAN		5	133	0	0				
24	31	0019	1572	PEPCO - DICKERSON		5	7,452	33,644	2,992				
24	31	1718	50657	MONTGOMERY COUNTY RRF		3	817	0	0				
24	31	1822	1572	PEPCO - STATION H		2	87	24	4				
24	33	0014	1571	PEPCO - CHALK POINT		14	12,211	38,386	3,337				
24	39	0017	1563	DELMARVA POWER & LIGHT		4	163	0	0				
24	41	0029	1580	EASTON UTILITIES		10	348	0	0				
24	41	0069	4257	EASTON UTILITIES - AIRPORT PARK		6	411	0	0				
24	43	0005	1570	POTOMAC EDISON - R. PAUL SMITH		3	1,297	4,532	246				
24	510	0006	1560	B G E - WESTPORT		1	41	0	0				

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24	510	0007	1553	B G E - GOULD STREET		1	377	1,208	12				
24	510	0265	1557	B G E - PHILADELPHIA ROAD		4	38	0	0				
24	510	1886	10629	BALTIMORE RESCO		3	1,131	916	0				
25	1	1200054	1599	SOUTHERN ENERGY-CANAL		15	6,005	23,227	248				
25	3	1170006	50002	PITTSFIELD GENERATIN		32	148	3	50				
25	3	1170167	1631	CEEMI-DOREEN ST		1	9	0	1				
25	5	1200025	52026	DARTMOUTH POWER ASSO		3	60	1	9				
25	5	1200060	1613	SOMERSET OPERATIONS INC (NRG ENERGY)		11	1,441	4,532	184				
25	5	1200061	1619	USGEN NEW ENGLAND IN		19	12,329	40,454	1,642				
25	5	1200067	1682	TAUNTON MUNICIPAL LI		8	324	234	23				
25	5	1200217	55093	TAUNTON LANDFILL GAS		3	11	9	7				
25	5	1200276	55026	DIGHTON POWER ASSOC		2	26	1	6				
25	5	1200866	55589	BFI FALL RIVER LANDF		2	30	6	5				
25	9	1190194	1626	USGEN NEW ENGLAND SA		11	5,311	18,300	635				
25	9	1190915	6585	COMMERCIAL GEN STATI		5	1	0	0				
25	9	1210261	50877	MASS REFUSETECH INC	yes	2	1,097	337	1	4	0	0	0
25	13	0420001	6081	STONY BROOK ENERGY C		15	532	326	82				
25	13	0420007	10726	MASSPOWER		18	236	10	41				
25	13	0420038	9864	HOLYOKE GAS & ELECTRIC DEPT		4	107	201	12				
25	13	0420040	1606	HOLYOKE WATER POWER CO		2	2,486	7,917	373				
25	13	0420067	55041	BERKSHIRE POWER LLC		3	7	0	0				
25	13	0420117	1642	CEEMI-W SPFLD STA		8	214	743	18				
25	13	0420232	54614	CHICOPEE MUNICIPLE LIGHT		6	3	3	0				
25	17	1190092	1594	CAMBRIDGE ELECTRIC BLACKSTONE		9	16	224	17				
25	17	1190093	1595	SOUTHERN ENERGY KEND		12	404	288	36				
25	17	1190128	1588	EXELONG MYSTIC LLC		9	1,675	7,265	217				
25	17	1214040	10522	INDECK PEPPERELL POW		3	112	11	4				
25	19	1200284	1615	NANTUCKET ELECTRIC C		8	6	0	0				
25	21	1190491	1660	BRAINTREE ELECTRIC		3	180	6	20				
25	21	1190913	55585	BFI RANDOLPH LANDFILL		1	11	7	2				
25	21	1201550	10307	BELLINGHAM COGENERAT		3	805	18	57				
25	23	1200001	50290	SEMASS PARTNERSHIP	yes	6	1,565	775	45	9	4	0	3
25	25	1190012	1589	SITHE NEW BOSTON LLC		6	683	7	46				
25	27	1180061	54620	PINETREE POWER FITCH		1	146	2	0				
25	27	1180419	50878	WHEELABRATOR MILLBUR	yes	5	1,076	221	0	3	0	0	0
25	27	1180664	6125	SHREWSBURY ELECTRIC		5	20	0	0				

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25	27	1201504	54805	AMERICAN NATIONAL POWER- MILFORD		13	124	1	17				
26	1	N0890	50772	VIKING ENERGY OF LINCOLN, INC.		4	222	83	13				
26	5	B5421	1880	VANDYKE GENERATING PLANT		3	36	0	3				
26	5	N2586	7268	HOLLAND BPW, 48TH STREET PEAKING STATION		4	39	2	12				
26	7	B1477	50305	LAFARGE MIDWEST INC. ALPENA	yes	1	1,451	895	14	95	10,760	20,134	454
26	13	B4260	1772	UPPER PENINSULA POWER CO - JOHN WARDEN S		1	14	0	1				
26	17	B2840	1702	KARN - WEADOCK FACILITY		18	8,797	20,946	1,054				
26	17	B2840A	1720	J C WEADOCK		4	3,746	9,567	561				
26	17	B7529	7398	BAY CITY ELECTRIC LIGHT & POWER		4	37	0	0				
26	17	N3195	7399	BAY CITY ELECTRIC LIGHT & POWER		4	43	0	0				
26	21	B4252	6000	AEP COOK NUCLEAR PLANT		4	25	3	0				
26	23	B1525	1819	COLDWATER BOARD OF PUBLIC UTILITIES		5	150	1	2				
26	25	C6230	1844	MARSHALL CITY, ELECTRIC POWERPLANT		4	82	1	1				
26	31	N6171	1873	WOLVERINE POWER, TOWER POWER PLANT		4	14	8	1				
26	33	N6033	1868	DAFTER SANITARY LANDFILL INC		1	0	0	0				
26	39	N2388	10822	GRAYLING GENERATING STATION LTD PTNR		4	166	2	18				
26	41	B1573	1771	ESCANABA POWER PLANT		2	836	1,906	105				
26	45	B4001	1832	LANSING BOARD OF WATER & LIGHT ERICKSON		3	1,471	4,950	269				
26	49	B2918	1719	THETFORD COMBUSTION TURBINE PLANT		1	261	0	25				
26	49	N3570	54751	GENESEE POWER STATION LIMITED PARTNERSHI		1	202	7	10				
26	49	N5888	54911	GRANGER SEYMOUR ROAD GENERATING STATION		1	17	1	0				
26	49	N5987	54910	BRENT RUN LANDFILL		3	16	1	1				
26	55	B4257	1859	TRAVERSE CITY LIGHT AND POWER BAYSIDE PO		6	24	34	2				
26	59	B6611	4259	MICHIGAN SOUTH CENTRAL POWER AGENCY		3	757	972	71				
26	59	B7536	1829	CITY OF HILLSDALE BOARD OF PUBLIC UTIL.		8	129	1	2				
26	61	B6553	8019	UPPER PENINSULA POWER CO - PORTAGE STATI		1	20	8	2				
26	63	B2802	1735	OLIVER PEAKING STATION		5	43	1	1				
26	63	B2815	1731	HARBOR BEACH POWER PLANT		8	1,056	1,496	75				
26	65	B2647	1831	ECKERT & MOORES PARK STATION		7	4,251	8,353	224				
26	75	N1125	10722	JACKSON COUNTY RESOURCE RECOVERY FACILIT	yes	2	70	2	0	21	0	0	1
26	77	N6252	1696	MORROW COMBUSTION TURBINE PLANT		2	16	0	2				
26	77	N6731	55101	KALAMAZOO RIVER GENERATION STATION		1	3	0	3				
26	81	N1604	50860	KENT COUNTY WASTE TO ENERGY FACILITY	yes	2	284	15	2	2	0	0	0
26	81	N1784	10819	ADA COGENERATION		3	172	15	10				
26	91	B6508	1818	VILLAGE OF CLINTON		3	3	0	0				
26	93	B2795	1725	DETROIT EDISON COLFAX PEAKERS		5	48	2	1				

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26	99	B2808	1734	DETROIT EDISON NORTHEAST STATION		7	61	9	6				
26	99	N5984	54989	PINE TREE ACRES, INC.	yes	1	61	3	4	1	0	0	0
26	101	N1685	50835	TES FILER CITY STATION		5	1,302	390	8				
26	103	B1833	1843	MARQUETTE BOARD OF LIGHT & POWER		2	380	508	51				
26	103	B4261	1769	WISCONSIN ELECTRIC PRESQUE ISLE POWER PL		18	12,331	18,639	798				
26	105	N4975	54915	MICHIGAN POWER LIMITED PARTNERSHIP		5	176	3	28				
26	105	N6017	1879	SCOTTVILLE POWER PLANT		3	4	1	0				
26	111	B6527	10745	MIDLAND COGENERATION VENTURE		6	4,530	10	27				
26	113	N1160	50770	VIKING ENERGY OF MCBAIN		4	212	99	32				
26	115	B2816	1733	DETROIT EDISON - MONROE POWER PLANT		45	45,970	102,754	3,614				
26	115	B2846	1723	J. R. WHITING PLANT		9	3,741	11,588	696				
26	115	B4321	1729	FERMI ENERGY CENTER		9	73	24	5				
26	117	N6249	1881	WOLVERINE POWER SUPPLY COOP- VESTABURG P		7	36	2	2				
26	119	N1266	10346	HILLMAN POWER CO		3	241	50	22				
26	121	B2836	1695	B. C. COBB PLANT		12	3,166	12,837	858				
26	125	B2803	1737	DETROIT EDISON PLACID STATION		5	45	2	1				
26	125	B2805	1730	DETROIT EDISON HANCOCK STATION		8	79	0	8				
26	125	N2803	54613	LYON DEVELOPMENT, INC.		3	48	4	5				
26	133	N5760	1877	GEORGE W. JOHNSON - HERSEY POWER PLANT		8	33	0	2				
26	137	B2942	1706	CMS ENERGY, GAYLORD COMBUSTION TURBINE P		1	52	0	5				
26	137	N6526	55102	CMS GENERATION, LIVINGSTON GENERATING ST		1	41	0	7				
26	139	B1976	1825	J. B. SIMS GENERATING STATION		4	882	717	64				
26	139	B2357	1830	HOLLAND BPW, GENERATING STATION & WWTP		6	1,519	2,803	130				
26	139	B2835	1710	J. H. CAMPBELL PLANT		12	15,379	43,525	2,413				
26	139	B7977	1867	ZEELAND BOARD OF PUBLIC WORKS		1	145	5	12				
26	139	N6000	6356	HOLLAND BOARD OF PUBLIC WORKS		1	5	3	0				
26	139	N6524	1826	GRAND HAVEN BOARD OF LIGHT AND POWER		10	10	1	1				
26	145	N5397	54890	PEOPLES LANDFILL, INC.	yes	1	38	2	2	1	0	0	0
26	147	B2796	1743	ST. CLAIR / BELLE RIVER POWER PLANT		75	12,184	38,489	1,336				
26	147	B2796A	6034	BELLE RIVER		4	13,868	28,651	771				
26	147	B2813	1732	DETROIT EDISON, MARYSVILLE POWER PLANT		14	504	1,133	57				
26	147	B6145	6035	DETROIT EDISON GREENWOOD ENERGY CENTER		12	813	849	83				
26	155	N5910	54539	VENICE PARK RDF	yes	2	1	0	0	1	0	0	0
26	157	B2804	1746	DETROIT EDISON WILMOT PEAK		5	42	3	1				
26	157	B2807	1739	PUTNAM PEAKERS		5	43	2	1				
26	161	B2806	1744	DETROIT EDISON SUPERIOR		4	38	8	3				

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26	163	B2132	1866	CITY OF WYANDOTTE MUNICIPAL POWER PLANT		18	754	1,620	84				
26	163	B2185	1822	MISTERSKY POWER STATION		4	924	34	33				
26	163	B2798	1728	DETROIT EDISON COMPANY, DELRAY POWER PLA		2	13	0	3				
26	163	B2809	1727	DETROIT EDISON DAYTON PEAKERS		5	38	3	1				
26	163	B2810	1740	DETROIT EDISON - RIVER ROUGE POWER PLANT		36	4,638	11,878	338				
26	163	B2811	1745	TRENTON CHANNEL POWER PLANT		36	6,461	28,669	1,125				
26	163	B2812	1726	CONNORS CREEK POWER PLANT		7	92	3	5				
26	163	B2814	1724	BEACON HEATING PLANT		4	228	4	9				
26	163	B4281	54804	CENTRAL WAYNE ENERGY RECOVERY, L.P.	yes	3	21	8	1	4	0	0	0
26	163	M4148	10033	GREATER DETROIT RESOURCE RECOVERY FACILI	yes	6	1,515	179	3	6	0	0	0
26	163	M4469	54057	RIVERVIEW LAND PRESERVE	yes	1	28	5	15	1	0	0	0
26	163	M4782	50077	EQ-SITE #2	yes	5	174	1	0	3	11	0	2
26	165	N1395	54415	CADILLAC RENEWABLE ENERGY FACILITY		1	224	32	0				
27	1	2700100014	1957	Aitkin Public Utilities Commission Gener		1	1	0	0				
27	9	2700900021	1910	NSP - Granite City		8	9	1	1				
27	13	2701300015	1934	NSP - Key City/ Wilmarth		10	607	22	26				
27	13	2701300078	1985	Lake Crystal Utilities Commission		2	2	0	0				
27	15	2701500008	2011	Sleepy Eye Public Utility		3	10	1	1				
27	15	2701500010	2001	New Ulm Public Utilities-Municipal Power		4	56	2	3				
27	15	2701500014	2012	Springfield Power Plant		2	1	0	0				
27	17	2701700037	1996	Moose Lake Power Plant		1	3	0	0				
27	19	2701900010	6824	Great River Energy - St Bonifacius		2	28	12	2				
27	23	2702300012	1918	NSP - Minnesota Valley		6	238	5	28				
27	25	2702500031	2002	North Branch Water & Light Commission		2	0	0	0				
27	31	2703100001	10075	LTV Steel Mining - Schroeder		11	2,801	3,118	253				
27	31	2703100007	1976	Grand Marais Public Utilities Commission		2	3	0	0				
27	33	2703300006	2023	Windom city of Municipal Utility		1	2	0	0				
27	33	2703300019	1998	Mountain Lake Municipal Utilities		4	10	1	1				
27	37	2703700003	1904	NSP - Black Dog		18	4,967	2,301	129				
27	37	2703700015	1913	NSP - Inver Hills Generating Plant		14	253	1	24				
27	41	2704100004	1958	Alexandria Light & Power		2	6	0	0				
27	43	2704300002	1967	Blue Earth Light & Water		9	18	1	1				
27	43	2704300045	2020	Wells Public Utilities		3	9	0	0				
27	45	2704500001	2013	Spring Valley Utilities		2	1	0	0				
27	45	2704500029	2004	Preston Public Utilities		2	3	0	0				
27	49	2704900005	1926	NSP - Red Wing		6	551	47	22				

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27	49	2704900028	1983	Kenyon Municipal Utility		1	9	1	1				
27	49	2704900030	1925	NSP - Prairie Island Nuclear Plant		13	22	1	1				
27	53	2705300015	1927	Xcel Energy - Riverside Generating Plant		31	13,535	12,709	853				
27	53	2705300400	10013	Hennepin Energy Resource Co	yes	2	618	48	40	4	1	0	0
27	53	2705300697	7376	NSP - Alliant Techsystems		1	2	0	0				
27	53	2705300698	7377	NSP - United Health Care		2	2	0	0				
27	59	2705900014	2038	United Power Association - Cambridge		1	7	5	1				
27	61	2706100004	1893	Minnesota Power Inc - Boswell Energy Ctr		17	14,298	18,745	1,323				
27	65	2706500006	1997	Mora Municipal Utilities		2	7	0	0				
27	67	2706700005	2022	Willmar Municipal Utilities		4	534	579	16				
27	75	2707500003	10849	Northshore Mining Co - Silver Bay	yes	2	2,479	1,808	13	77	716	129	383
27	79	2707900037	1999	New Prague Water - Light - Power & Bldg		3	38	1	1				
27	85	2708500002	1980	Hutchinson Utilities Commission -Plant 1		7	75	1	7				
27	85	2708500013	1975	Glencoe Light and Power Commission		10	71	3	7				
27	85	2708500034	6358	Hutchinson Utilities Commission -Plant 2		1	59	0	28				
27	91	2709100007	1888	Interstate Power Co - Fox Lake Station		11	137	260	12				
27	91	2709100009	1973	Fairmont Power Plant		8	63	2	6				
27	91	2709100046	2015	Truman Public Utilities		3	7	0	0				
27	93	2709300001	1989	Litchfield Public Utilities Commission		3	8	0	0				
27	95	2709500011	2005	Princeton Public Utilities Commission		2	9	1	1				
27	99	2709900001	1961	Austin Utilities - NE Power Station		4	424	2,205	125				
27	99	2709900011	1960	Austin Utilities - 4th Ave Plant		3	25	0	0				
27	105	2710500046	1956	Adrian Public Utilities		1	0	0	0				
27	107	2710700018	8105	Halstad Municipal Utilities		1	0	0	0				
27	109	2710900005	50413	Olmsted Waste-to-Energy Facility	yes	2	116	73	9	5	1	0	0
27	109	2710900011	2008	Rochester Public Utilities - Silver Lake		15	1,078	2,727	128				
27	109	2710900020	6058	Rochester Public Utility - Cascade Creek		1	14	9	1				
27	111	2711100002	1943	Otter Tail Power Co - Hoot Lake Plant		19	1,819	2,869	102				
27	111	2711100058	7505	Fergus Control Center		2	1	0	0				
27	113	2711300016	2014	Municipal Power Plant		1	5	0	0				
27	115	2711500011	6741	United Power Association - Rock Lake		1	7	5	1				
27	123	2712300012	1912	NSP - High Bridge Generator		17	5,675	3,616	507				
27	127	2712700023	2009	Redwood Falls Public Utilities -Mill Lot		2	35	2	2				
27	131	2713100003	1932	NSP - West Faribault		2	11	0	1				
27	133	2713300016	1990	Luverne Municipal Power Plant		1	2	0	0				
27	137	2713700013	1891	Minnesota Power Inc - Laskin Energy Ctr		7	1,995	1,624	143				

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27	137	2713700015	1897	Minnesota Power Inc - ML Hibbard		8	502	190	85				
27	137	2713700027	1979	Hibbing Public Utilities Commission		9	402	389	13				
27	137	2713700028	2018	City of Virginia Dept Public Utilities		7	551	460	11				
27	139	2713900010	8027	NSP - Blue Lake		6	168	12	15				
27	141	2714100003	2039	United Power Association - Elk River		6	780	86	27				
27	141	2714100004	6090	NSP - Sherburne Generating Plant		57	25,490	23,599	9,478				
27	141	2714100047	1971	Elk River Municipal Utilites		1	5	0	0				
27	145	2714500002	1994	Melrose Public Utilities		1	23	1	1				
27	147	2714700001	1966	Blooming Prairie Public Utilities		1	6	0	0				
27	147	2714700002	2003	Owatonna Public Utilities - Power Plant		1	11	0	0				
27	151	2715100006	1964	Benson Municipal Utilities		2	2	0	0				
27	161	2716100027	1982	Janesville Municipal Utilities		2	3	0	0				
27	163	2716300005	1915	NSP - Allen S King Generating Plant		28	11,835	22,343	275				
27	163	2716300087	55010	LSP Cottage Grove Cogeneration Facility		10	71	3	15				
27	165	2716500019	30	Madelia Light & Power Standby Generation		2	20	1	1				
27	171	2717100016	1969	Delano Municipal Utilities		2	43	1	1				
27	171	2717100019	1922	NSP - Monticello Nuclear Plant		6	13	1	0				
27	171	2717100020	2042	United Power Association - Maple Lake		1	7	5	1				
28	1	2800100022	2052	ENTERGY MISSISSIPPI, INC, NATCHEZ SES		1	49	0	1				
28	11	2801100031	2051	ENTERGY MISSISSIPPI INC, DELTA SES		7	794	2,792	124				
28	21	2802100023	6072	ENTERGY OPERATIONS INC - GRAND GULF		22	50	9	28				
28	27	2802700054	2060	CLARKSDALE PUBLIC UTILITIES/OLD PLANT		2	86	77	48				
28	27	2802700063	2059	CITY OF CLARKSDALE-PUBLIC UTILITIES		3	310	24	15				
28	35	2803500038	2046	MS POWER CO-PLANT EATON		3	7	0	0				
28	47	2804700055	2049	MS POWER CO- WATSON PLANT		9	14,619	31,753	1,532				
28	49	2804900112	2053	ENTERGY MISSISSIPPI INC, REX BROWN SES		7	1,011	3	31				
28	59	2805900048	2047	MISSISSIPPI POWER CO, CHEVRON PLANT		6	2,628	13	89				
28	59	2805900090	6073	MISSISSIPPI POWER CO -DANIEL PLANT		13	11,508	28,813	1,409				
28	67	2806700035	2070	SOUTH MS ELECTRIC POWER ASSOCIATION		5	907	44	68				
28	73	2807300021	6061	SOUTH MS ELECTRIC POWER ASSOCIATION		9	6,052	8,148	401				
28	75	2807500032	2048	MS POWER CO PLANT- SWEATT ELECTRIC		3	32	0	1				
28	83	2808300048	2062	GREENWOOD UTILITIES-HENDERSON		2	360	946	53				
28	83	2808300052	2063	GREENWOOD UTILITIES-WRIGHT		2	3	0	0				
28	87	2808700053	55082	CALEDONIA POWER, LLC		10	17	0	3				
28	149	2814900027	2050	ENTERGY MISSISSIPPI INC,BAXTER WILSON		10	21,834	44,942	2,118				
28	151	2815100048	8054	ENTERGY MISSISSIPPI INC GERALD ANDRUS		6	10,225	38,621	1,463				

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28	163	2816300005	2067	YAZOO CITY PUBLIC SERVICE COMMISSION		2	2	0	0				
29	1	0006	2083	AMERENUE		1	4	0	0				
29	7	0012	6650	AMERENUE		1	34	24	2				
29	7	0041	2165	VANDALIA POWER PLANT		1	17	1	1				
29	13	0029	2115	BUTLER MUNICIPAL POWER PLANT		4	33	5	2				
29	19	0002	2123	COLUMBIA MUNICIPAL POWER PLANT		8	209	520	19				
29	21	0004	2098	ST. JOSEPH LIGHT & POWER CO		19	4,118	2,919	67				
29	23	0050	7392	POPLAR BLUFF MUNICIPAL UTILITIES		4	65	1	1				
29	27	0007	2126	FULTON MUNICIPAL UTILITIES		9	22	0	1				
29	27	0026	6153	AMERENUE		7	21	6	1				
29	31	0061	2137	JACKSON MUNICIPAL UTILITIES		9	24	0	0				
29	31	0090	2096	AMERENUE		1	10	0	0				
29	33	0022	2120	CARROLLTON MUNICIPAL UTILITIES		9	79	1	1				
29	37	0003	2092	UTILICORP UNITED INC		1	58	0	6				
29	41	0032	7400	SALISBURY MUNICIPAL UTILITIES		1	18	1	1				
29	45	0026	2138	KAHOKA ELECTRIC GENERATING PLANT		3	2	0	0				
29	47	0096	2171	INDEPENDENCE POWER AND LIGHT		7	433	2,628	157				
29	51	0008	6652	AMERENUE		1	38	27	2				
29	51	0049	2082	AMERENUE		1	48	34	3				
29	61	0023	2127	GALLATIN POWER PLANT		3	8	0	0				
29	69	0034	2142	MALDEN MUNICIPAL POWER & LIGHT		3	13	1	1				
29	69	0063	2139	KENNETT GENERATING PLANT		2	57	1	1				
29	69	0066	7604	ASSOCIATED ELECTRIC COOPERATIVE INC		1	15	0	2				
29	71	0003	2103	AMERENUE		16	8,617	44,229	1,566				
29	73	0043	2149	OWENSVILLE POWER PLANT		5	52	1	1				
29	75	0023	2113	ALBANY MUNICIPAL POWER PLANT		1	9	1	1				
29	77	0005	2161	CITY UTILITIES OF SPRINGFIELD MISSOURI		26	4,902	6,191	427				
29	77	0039	6195	CITY UTILITIES OF SPRINGFIELD MISSOURI		29	2,965	3,632	197				
29	77	0145	2162	CITY UTILITIES OF SPRINGFIELD		3	3	0	0				
29	79	0010	2163	TRENTON MUNICIPAL UTILITIES		1	0	0	0				
29	79	0027	698	TRENTON MUNICIPAL UTILITIES		5	32	1	2				
29	81	0015	2114	BETHANY MUNICIPAL POWER PLANT		1	20	0	1				
29	83	0001	2080	KANSAS CITY POWER & LIGHT CO		8	5,873	15,174	339				
29	95	0021	2078	TRIGEN ENERGY CORPORATION		10	535	4,461	11				
29	95	0022	2079	KANSAS CITY POWER & LIGHT CO		12	630	874	92				
29	95	0023	2081	KANSAS CITY POWER & LIGHT CO		10	833	337	73				

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29	95	0031	2094	MISSOURI PUBLIC SERVICE CO		18	11,756	10,530	196				
29	95	0050	2132	INDEPENDENCE POWER AND LIGHT		14	679	7,192	401				
29	95	0139	6074	UTILICORP UNITED INC		6	474	1	17				
29	97	0001	2076	EMPIRE DISTRICT ELECTRIC CO		7	4,769	2,216	122				
29	97	0062	6223	EMPIRE DISTRICT ELECTRIC CO		6	180	0	28				
29	97	0104	7296	EMPIRE DISTRICT ELECTRIC CO		6	221	0	112				
29	97	0110	2121	CARTHAGE WATER & ELECTRIC		3	116	2	2				
29	99	0016	6155	AMERENUE		10	4,118	19,875	683				
29	107	0038	2131	HIGGINSVILLE MUNICIPAL POWER FACILITY		7	43	0	2				
29	117	0002	2122	CHILLICOTHE MUNICIPAL UTILITIES		13	83	175	12				
29	121	0004	2141	MACON MUNICIPAL UTILITIES		4	19	1	1				
29	137	0028	2146	MONROE CITY POWER PLANT		3	25	2	2				
29	143	0004	2167	ASSOCIATED ELECTRIC COOPERATIVE INC		19	37,782	14,509	732				
29	147	0032	7754	ASSOCIATED ELECTRIC COOPERATIVE INC		2	48	0	10				
29	151	0002	2169	CENTRAL ELECTRIC POWER COOPERATIVE		15	2,552	4,164	181				
29	165	0007	6065	KANSAS CITY POWER & LIGHT CO		10	6,897	16,283	477				
29	171	0015	6563	ASSOCIATED ELECTRIC COOPERATIVE INC		2	33	14	3				
29	175	0001	2168	ASSOCIATED ELECTRIC COOPERATIVE INC		25	22,497	18,924	673				
29	175	0010	6651	AMERENUE		1	32	23	2				
29	183	0001	2107	AMERENUE		13	15,404	39,741	528				
29	189	0010	2104	AMERENUE		19	9,609	22,657	1,089				
29	189	0023	2102	AMERENUE		1	25	18	1				
29	195	0010	2144	MARSHALL MUNICIPAL UTILITIES		6	271	1,565	81				
29	201	0017	6768	SIKESTON POWER STATION		7	2,367	6,796	218				
29	205	0011	7405	SHELBINA POWER PLANT		6	25	2	2				
29	207	0064	7749	ASSOCIATED ELECTRIC COOPERATIVE INC		1	28	0	6				
29	217	0034	2090	MISSOURI PUBLIC SERVICE, UTILICORP U INC		1	9	3	1				
29	510	0038	2101	TRIGEN-ST. LOUIS ENERGY CORP		10	210	779	43				
30	17	0002	2177	MDU - MILES CITY		2	16	0	2				
30	21	0005	2176	MDU - GLENDIVE		2	44	0	4				
30	83	0003	6089	MDU - LEWIS & CLARK STATION		3	929	1,247	145				
30	87	0007	10784	COLSTRIP ENERGY LTD. PARTNERSHIP		7	879	1,340	13				
30	87	0008	6076	PPL, MONTANA COLSTRIP UNITS #1 & #2		3	11,709	14,673	1,364				
30	87	0014	6076	MPC - COLSTRIP UNITS #3 & #4		3	25,412	5,791	3,281				
30	111	0015	2187	PPL, MONTANA - J.E. CORETTE PLANT		6	1,385	2,691	102				
30	111	0023	50931	YELLOWSTONE ENERGY LIMITED PARTNERSHIP		7	476	2,201	17				

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31	1	00040	2244	NORTH DENVER STATION		4	13	3	1				
31	1	00042	60	WHELAN ENERGY CENTER		8	983	2,008	86				
31	1	00061	2243	DON HENRY POWER CENTER		4	5	0	0				
31	19	00021	2268	UNIVERSITY OF NEBRASKA KEARNEY		2	23	0	1				
31	21	00013	2253	LYONS MUNICIPAL POWER PLANT		1	5	0	0				
31	23	00019	2233	DAVID CITY MUNICIPAL POWER PLT		4	37	0	0				
31	27	00016	2249	LAUREL MUNICIPAL PLANT		3	0	0	0				
31	33	00016	2302	SIDNEY POWER PLANT		5	14	2	0				
31	39	00014	2313	WEST POINT POWER PLANT		4	22	1	2				
31	39	00024	2316	WISNER MUNICIPAL POWER PLANT		2	0	0	0				
31	41	00003	2221	BROKEN BOW POWER PLANT		6	40	2	4				
31	41	00018	2214	ANSLEY LIGHT PLANT - STANDBY		2	1	0	0				
31	41	00019	2300	SARGENT MUNICIPAL UTILITIES		3	1	0	0				
31	41	00022	2216	ARNOLD WASTE TREAT		3	1	0	0				
31	41	00023	2211	CALLAWAY MUNICIPAL POWER PLANT		3	1	0	0				
31	49	00006	2230	CHAPPELL MUNICIPAL POWER PLANT		2	0	0	0				
31	51	00006	2311	WAKEFIELD MUNICIPAL POWER		2	15	0	0				
31	53	00001	2240	LON D WRIGHT POWER PLANT		15	1,477	1,280	55				
31	55	0002	2291	OMAHA PUBLIC POWER DISTRICT		29	5,991	11,799	387				
31	55	0003	2290	OPPD-JONES STREET		2	29	2	2				
31	57	00008	2218	BENKELMAN MUNICIPAL POWER		1	0	0	0				
31	61	00010	2238	FRANKLIN MUNICIPAL POWER PLANT		2	1	0	13				
31	63	00010	2232	CURTIS POWER PLANT		3	5	0	0				
31	65	00013	2223	CAMBRIDGE LIGHT PLANT		6	2	1	0				
31	65	00014	2295	OXFORD LIGHT PLANT		4	3	0	0				
31	71	00003	2222	BURWELL LIGHT PLANT		4	6	1	0				
31	73	00035	2226	NPPD CANADAY STATION		6	185	6	7				
31	79	00001	2241	C W BURDICK GENERATING STATION		7	39	1	1				
31	79	00606	59	PLATTE GENERATING STATION		5	1,485	2,436	68				
31	87	00009	2318	SWPPD PALISADE PLANT		1	0	0	0				
31	87	00010	2309	TRENTON POWER PLANT		1	0	0	0				
31	89	00023	2305	STUART MUNICIPAL POWER PLANT		5	1	0	0				
31	91	00001	2280	MULLEN LIGHT PLANT		1	1	0	0				
31	95	00002	2236	FAIRBURY MUNICIPAL POWER PLANT		2	6	0	0				
31	97	00009	2308	TECUMSEH PLANT		5	6	0	1				
31	105	00008	2248	KIMBALL MUNICIPAL POWER PLANT		6	9	0	1				

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31	109	0005	2277	NPPD SHELDON STATION		2	7,229	5,410	91				
31	109	0010	2250	EIGHTH & J STREET POWER PLANT		1	4	0	0				
31	109	0130	6373	LES ROKEBY PEAKING UNIT		1	19	6	2				
31	111	00019	6077	NPPD GERALD GENTLEMAN STATION		25	22,044	31,298	904				
31	111	00077	2306	SUTHERLAND LIGHT PLANT		1	8	1	0				
31	119	00016	2254	MADISON LIGHT		2	9	0	0				
31	127	00014	2215	AUBURN GENERATING PLANT		6	53	2	5				
31	131	00003	2255	NEBRASKA CITY POWER PLANT NO 1		7	91	3	9				
31	131	00008	7555	NEBRASKA CITY POWER PLANT NO 2		2	4	0	0				
31	131	00036	6096	OPPD NEBRASKA CITY STATION		17	9,483	16,206	534				
31	137	00018	2246	HOLDREGE POWER PLANT		11	11	1	1				
31	139	00012	2297	PLAINVIEW MUNICIPAL POWER		1	1	0	0				
31	145	00013	2271	NPPD MC COOK PEAKING UNIT		1	10	4	1				
31	151	00001	2231	CRETE MUNICIPAL PLANT		7	75	2	7				
31	151	00020	2315	WILBER MUNICIPAL POWER PLANT		3	4	0	0				
31	153	00005	2292	OPPD SARPY COUNTY STATION		8	74	1	17				
31	155	00034	2310	WAHOO POWER PLANT		6	32	1	3				
31	169	00022	2234	DESHLER MUNICIPAL UTILITIES		1	2	0	0				
31	173	02005	2296	PENDER MUNICIPAL POWER PLANT		5	5	0	0				
31	177	00034	2289	OPPD FORT CALHOUN STATION		1	1	0	0				
31	179	00001	2312	WAYNE MUNICIPAL POWER PLANT		2	87	4	1				
31	181	00008	2299	RED CLOUD MUNICIPAL PLANT		4	6	0	0				
31	181	00012	7481	CITY LIGHT		2	2	1	0				
32	1	0197	50765	AMOR IV CORP & STILLWATER GEOTHERMAL		2	6	0	0				
32	1	0756	52015	CAITHNESS DIXIE VALLEY LLC		2	6	1	1				
32	3	0398	2322	CLARK STATION		3	915	2	26				
32	3	0399	2326	SUNRISE STATION		2	1,017	1	20				
32	3	0400	2324	REID GARDNER STATION		4	9,038	2,181	1,068				
32	3	0466	2341	MOHAVE GENERATING STATION		4	19,430	41,299	1,666				
32	13	0457	8224	VALMY GENERATING STATION		3	7,025	6,461	359				
32	19	0091	2330	SIERRA PACIFIC POWER COMPANY		2	3,655	2,716	49				
32	29	0194	2336	SIERRA PACIFIC POWER		6	3,045	2,037	221				
32	31	A01176A	50760	EMPIRE ENERGY, LLC (FRMLY AMOR II)		1	0	0	0				
32	31	A90A	52138	STEAMBOAT ENVIROSYSTEMS, LLC, UNITS 1,1A		1	0	0	0				
33	3	3300300014	2369	PSNH/WHITE LAKE		1	6	2	0				
33	3	3300300019	50739	PINETREE POWER/TAMWORTH		2	266	13	9				

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33	7	3300700010	10839	WHITEFIELD POWER & LIGHT		2	219	8	4				
33	7	3300700087	2362	PSNH/LOST NATION		2	6	2	0				
33	9	3300900021	10290	BRIDGEWATER POWER COMPANY		2	188	10	21				
33	9	3300900026	50208	PINETREE POWER/BETHLEHEM		2	246	9	4				
33	9	3300900115	54803	PLYMOUTH COGENERATION, LP		5	53	37	4				
33	11	3301100004	50347	DUNBARTON ENERGY, LP		1	7	0	1				
33	11	3301100191	55006	FOUR HILLS LANDFILL		3	22	8	7				
33	13	3301300026	2364	PSNH/MERRIMACK STATION		7	4,263	38,404	2,259				
33	13	3301300032	50873	CONCORD STEAM		10	54	191	71				
33	13	3301300101	52041	BIO-ENERGY CORPORATION		2	151	6	36				
33	15	3301500012	2367	PSNH/SCHILLER STATION		8	1,870	6,340	214				
33	15	3301500054	8002	PSNH/NEWINGTON STATION		5	693	3,398	52				
33	19	3301900029	50872	WHEELABRATOR/CLAREMONT	yes	2	195	85	1	2	0	0	0
33	19	3301900031	10838	HEMPHILL POWER & LIGHT COMPANY		3	197	8	13				
34	1	70525	2383	Missouri Avenue Generating Station		8	52	5	3				
34	3	02488	2398	Bergen Generating Station		10	175	3	13				
34	3	02624	50852	Prime Energy Limited Partnership		3	291	37	166				
34	3	02736	55159	MM Hackensack Energy LLC - Balefill Land		6	23	6	5				
34	3	02737	55604	MM Hackensack Energy LLC - Kingsland Lan		4	17	22	8				
34	5	45979	2399	Burlington Generating Station		11	318	59	7				
34	7	51608	10751	Camden Cogen, L.P.		4	144	4	3				
34	7	51614	10435	Camden County Energy Recovery Associates	yes	3	499	24	38	1	0	0	0
34	9	73242	2378	B.L. England Generating Station		11	4,167	13,954	879				
34	9	73243	2382	Middle Generating Station		6	87	28	6				
34	11	75476	7288	Sherman Avenue Generating Station		4	32	0	12				
34	11	75483	54807	Vineland Cogeneration Plant		4	8	1	2				
34	11	75507	2434	Vineland Municipal Electric Utility - Do		11	105	441	20				
34	11	75508	5083	Cumberland Generating Station		5	31	0	11				
34	11	75512	2379	Carll's Corner Generating Station		5	58	22	3				
34	13	07524	54708	Montclair Cogeneration Limited Partnersh		1	47	2	4				
34	13	07617	50385	Newark Bay Cogeneration Partnership, L.P		6	101	9	28				
34	13	07627	2401	Essex Generating Station		6	564	1	54				
34	13	07731	50797	Calpine Newark Inc.		7	118	2	11				
34	13	07736	10643	American Ref-Fuel Company of Essex Count		12	720	151	112				
34	15	55778	2409	PSE&G - National Park Generating Station		2	11	2	1				
34	15	55784	8008	Mickleton Generating Station		4	82	2	2				

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34	15	55793	50885	Wheelabrator Gloucester Company, L.P.	yes	5	346	26	7	2	0	0	2
34	15	55834	10043	Logan Generating Plant, L.P.		15	715	627	19				
34	17	11421	50497	COGEN TECH. NJ VENTURE- BAYONNE		3	3	0	0				
34	17	12048	2397	Bayonne Generating Station		3	18	4	1				
34	17	12200	2404	Kearny Generating Station		12	276	125	15				
34	17	12202	2403	Hudson Generating Station		17	8,275	19,165	1,068				
34	19	80002	2393	Gilbert Generating Station		17	305	9	16				
34	19	80293	54707	Hunterdon Cogeneration Limited Partnersh		3	52	0	4				
34	19	80341	8227	Glen Gardner Combustion Turbine Site		10	92	0	10				
34	19	80350	10616	MILFORD POWER LIMITED PARTNERSHIP		3	3	0	0				
34	21	61015	50094	Trigen - Trenton Energy Co., L.P.		4	845	11	38				
34	21	61057	2408	Mercer Generating Station		13	11,726	13,445	693				
34	23	17823	2385	Werner Generating Station		7	31	12	3				
34	23	17824	2400	Edison Generating Station		5	591	1	41				
34	23	17884	2390	Sayreville Generating Station (JCP&L)		10	150	6	3				
34	23	17901	55092	O'Brien Biogas IV LLC		5	34	24	6				
34	23	18061	50799	Calpine Parlin Inc.		5	44	2	3				
34	23	18068	2411	Sewaren Generating Station		11	471	496	54				
34	23	18072	10308	North Jersey Energy Associates, L.P.		5	856	16	50				
34	29	78080	2388	OYSTER CREEK NUCLEAR GENERATING STATION		11	10	0	0				
34	29	78896	54640	Lakewood Cogeneration, L.P.		11	67	1	2				
34	29	78912	7138	Forked River Combustion Turbine Site		4	41	19	6				
34	29	78931	54980	Ocean County Landfill Corporation	yes	3	17	5	2	2	0	0	0
34	29	78932	2380	Cedar Generating Station		6	98	42	8				
34	33	65495	2384	Deepwater Generating Station		10	1,100	2,945	146				
34	33	65496	6118	Hope Creek Generating Station		21	42	40	37				
34	33	65497	10099	Pedricktown Cogeneration Plant		4	57	1	3				
34	33	65498	10566	CARNEYS POINT GENERATING PLANT		11	714	738	84				
34	33	65500	2410	Salem Generating Station		26	64	14	2				
34	39	41741	10805	EF KENILWORTH, INC.		3	122	4	17				
34	39	41810	2406	Linden Generating Station		8	260	149	17				
34	39	41814	50960	Union County Resource Recovery Facility	yes	5	788	102	14	1	0	0	1
34	41	85455	10012	Warren Energy Resource Co. L.P.	yes	5	232	6	4	2	0	0	1
35	1	3500100011	2450	REEVES GENERATING STATION		10	701	2	56				
35	7	0001	2468	RATON POWER PLANT		2	224	203	6				
35	13	0002	2444	RIO GRANDE GENERATING STATION		4	944	3	33				

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35	25	0034	2446	MADDOX STATION		3	674	2	29				
35	25	0054	2454	CUNNINGHAM		7	1,611	5	66				
35	31	0032	87	ESCALANTE		5	3,595	1,297	275				
35	37	0002	2469	TUCUMCARI		5	3	0	0				
35	45	0002	2442	FOUR CORNERS		10	47,300	39,564	3,872				
35	45	0029	2465	ANIMAS PLANT		2	104	1	2				
35	45	0902	2451	SAN JUAN GENERATING STATION		18	28,438	21,403	5,406				
35	47	0004	2447	LAS VEGAS TURBINE		1	3	0	0				
36	1	4010100171	55155	ALBANY LANDFILL	yes	3	3	0	1	5	21	0	1
36	1	4012200044	2539	ALBANY STEAM STATION		12	453	2,549	39				
36	1	4012200078	10725	SELKIRK COGENERATION PROJECT		16	469	6	3				
36	3	9025800018	7784	RG&E ALLEGANY STATION #133		5	10	0	1				
36	7	7034600045	2526	AES WESTOVER		6	2,448	15,661	917				
36	9	9041200042	54076	INDECK OLEAN ENERGY CENTER		4	20	0	0				
36	9	9043600022	10403	LAIDLAW ENERGY AND ENVIRONMENTAL INC		2	56	0	7				
36	13	9060300021	2554	DUNKIRK STEAM GENERATING STATION		7	5,754	51,308	3,364				
36	13	9060800053	2682	SAMUEL A CARLSON GENERATING STATION		5	505	3,223	188				
36	17	7082200014	2531	AES JENNISON		9	371	1,938	92				
36	19	5094200106	54574	SARANAC POWER PARTNERS COGENERATION FAC.		13	242	5	55				
36	27	3134600019	10305	DUTCHESS CO RESOURCE RECOVERY FACILITY		1	125	149	1				
36	29	9146400130	2549	HUNTLEY STEAM GENERATING STATION		6	9,192	43,856	2,324				
36	29	9146400153	50451	INDECK-YERKES ENERGY SERVICES		6	117	2	3				
36	43	6212800041	50459	INDECK-ILION ENERGY CENTER		3	41	0	1				
36	45	6224000009	10464	ELECTRICAL GENERATING FACILITY		12	340	791	76				
36	45	6226000024	10620	CARTHAGE ENERGY COGEN FACILITY		6	27	1	0				
36	47	2610100042	2496	CON EDISON - HUDSON AVE STATION		3	1,148	913	61				
36	47	2610100185	54914	BROOKLYN NAVY YARD COGENERATION PLANT		12	87	11	20				
36	47	2610200086	2499	ASTORIA GENERATING NARROWS GAS TURBINE		3	654	108	67				
36	47	2610200116	2494	ASTORIA GENERATING GOWANUS GAS TURBINE P		2	789	194	78				
36	47	2610700141	50405	WARBASSE HOUSES & POWER PLANT		6	18	0	3				
36	55	8261400448	2640	R G & E BEEBEE STATION		5	362	2,321	138				
36	55	8262800068	2642	R G & E RUSSELL STATION		13	3,205	27,331	1,698				
36	55	8264400048	50568	HIGH ACRES LANDFILL AND RECYCLING CENTER	yes	6	87	20	2	2	0	0	0
36	55	8265600008	50565	MONROE LIVINGSTON SANITARY LANDFILL		4	63	8	2				
36	59	1282000357	2679	FREEPORT POWER PLANT #1		4	39	3	3				
36	59	1282000358	2678	FREEPORT POWER PLANT #2		3	47	3	3				

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36	59	1282000553	2511	EF BARRETT POWER STATION		41	1,407	788	115				
36	59	1282000753	2695	ROCKVILLE CENTRE POWER PLANT		4	253	29	18				
36	59	1282001015	52056	TRIGEN CENTRL UTILITY PLT - MITCHL FIELD		4	274	3	3				
36	59	1282001727	10642	HEMPSTEAD RESOURCE RECOVERY FACILITY	yes	1	1,733	197	5	1	4	1	0
36	59	1282002479	50348	OCEANSIDE LANDFILL GAS RECOVERY FAC		4	29	2	0				
36	59	1282200481	2514	GLENWOOD MAIN POWER STATION		6	528	5	45				
36	59	1282400947	50292	TBG COGEN		5	313	7	29				
36	61	2620200032	2503	CON ED-59TH ST STA		5	524	384	38				
36	61	2620400019	2504	CON ED-74TH STREET STA		3	829	1,084	75				
36	61	2620600012	2493	CON ED-EAST RIVER GENERATING STATION		6	1,692	678	102				
36	61	2620600038	2502	CON ED-WATERSIDE STATION		6	722	10	69				
36	63	9291100113	50472	AMERICAN REF-FUEL CO NIAGARA,PL	yes	1	1,037	91	2	6	148	8	6
36	63	9291100152	50202	CH RESOURCES - NIAGARA FALLS		3	61	87	2				
36	63	9291200059	54131	NORTH TONAWANDA COGENERATION FACILITY		6	136	5	2				
36	63	9292600016	54041	LOCKPORT COGENERATION FACILITY		7	811	194	14				
36	63	9293800003	6082	AES SOMERSET LLC		2	7,659	6,685	728				
36	65	6301400011	50744	STERLING ENERGY FACILITY		6	37	0	14				
36	67	7311500229	54425	POA COGEN FAC/SYRACUSE UNIV STEAM STA		6	154	1	2				
36	67	7312600127	50978	CARR STREET GENERATING STATION		2	20	0	2				
36	67	7313200042	50855	ONONDAGA COGENERATION FACILITY		4	34	1	0				
36	67	7313200052	50651	TRIGEN SYRACUSE ENERGY CORPORATION		9	1,106	2,260	2				
36	67	7314200028	50662	ONONDAGA CO RESOURCE RECOVERY FACILITY	yes	3	521	22	0	11	0	0	0
36	71	3330900040	2632	SHOEMAKER GAS TURBINE FACILITY		2	74	0	9				
36	71	3333000037	10047	ORANGE COUNTY SANITARY LANDFILL		1	0	0	0				
36	71	3333000084	10549	J-W OPERATING COMPANY		11	128	35	7				
36	71	3334600011	2480	DANSKAMMER GENERATING STATION		12	5,072	12,388	534				
36	71	3334600075	8006	ROSETON GENERATING STATION		7	3,644	15,591	270				
36	75	7350400023	54138	FULTON COGENERATION ASSOC COGEN PROJECT		5	48	1	3				
36	75	7351200005	50450	INDECK-OSWEGO LIMITED PARTNERSHIP		2	111	0	6				
36	75	7351200030	2594	OSWEGO HARBOR POWER		8	653	2,997	33				
36	75	7355600040	54547	INDEPENDENCE STATION		9	426	18	19				
36	81	2630100084	2491	POLETTI POWER PROJECT		3	2,586	2,207	279				
36	81	2630100185	8906	ASTORIA (ORION) GENERATING STATION		6	3,469	2,241	333				
36	81	2630400024	2500	RAVENSWOOD GENERATING STATION		2	3,803	2,646	439				
36	81	2630800040	2513	KEYSPAN GENERATION-FAR ROCKAWAY STATION		2	121	1	13				
36	81	2630800096	54114	KIAC COGENERATION PLANT-JFK AIRPORT		4	77	1	16				

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36	83	4381400029	54034	RENSSELAER COGEN FACILITY		11	46	1	3				
36	83	4384400008	10190	TRANSCANADA POWER CASTLETON		4	94	1	2				
36	85	2640300014	2490	ARTHUR KILL GENERATING STATION		5	1,421	8	101				
36	87	3392200003	2625	BOWLINE POINT GENERATING STATION		4	2,242	1,992	201				
36	87	3392600059	2628	HILLBURN GAS TURBINE FACILITY		1	45	0	2				
36	87	3392800010	2629	LOVETT GENERATING STATION		7	2,439	5,370	260				
36	89	6405800046	54592	MASSENA ENERGY FACILITY		4	11	0	1				
36	91	5412600028	50458	INDECK CORINTH ENERGY CENTER		4	82	10	2				
36	91	5414400031	10618	SOUTH GLENS FALLS ENERGY, LLC		12	79	2	2				
36	99	8453200075	54782	SENECA ENERGY LFGTE FACILITY		2	96	2	0				
36	101	8463800011	2529	AES HICKLING LLC		2	774	2,804	171				
36	103	1472000777	50649	BABYLON RESOURCE RECOVERY FACILITY		2	439	73	1				
36	103	1472001046	2521	WEST BABYLON INTERNAL COMBUSTION FAC.		1	32	10	1				
36	103	1472200105	8007	HOLTSVILLE FACILITY		25	1,065	44	17				
36	103	1472200107	2517	PORT JEFFERSON POWER STATION		6	1,298	4,906	131				
36	103	1472200108	7146	WADING RIVER I.C. FACILITY		5	268	189	13				
36	103	1472200926	7314	RICHARD M FLYNN POWER PLANT		4	178	49	31				
36	103	1472202441	54149	NISSEQUOGUE COGEN PARTNERS PLANT		2	160	1	13				
36	103	1472400345	2512	EAST HAMPTON INTERNAL COMBUSTION FAC.		4	168	21	6				
36	103	1472600130	2516	NORTHPORT POWER STATION		18	7,629	25,491	547				
36	103	1472600790	50656	HUNTINGTON RESOURCE RECOVERY FACILITY	yes	1	492	55	7	1	0	0	0
36	103	1472800185	51038	ISLIP MCARTHUR RESOURCE RECOVERY FACIL		1	115	48	1				
36	103	1473400169	50344	SMITHTOWN WEST ENERGY GEN		2	17	0	0				
36	103	1473601438	2519	SOUTHAMPTON INTERNAL COMBUSTION FACILITY		2	39	8	4				
36	103	1473800455	2520	SOUTHOLD INTERNAL COMBUSTION FACILITY		2	33	7	4				
36	109	7503200019	2535	AES CAYUGA		4	3,577	2,497	332				
36	115	5534400001	10503	ADIRONDACK RESOURCE RECOVERY FAC	yes	2	313	3	2	1	0	0	0
36	119	3552200011	2497	INDIAN PT GENERATING & SERVICE STATION		9	56	21	2				
36	121	9563200010	50449	INDECK-SILVER SPRINGS COGENERATION		4	147	1	1				
36	123	8573600004	2527	AES GREENIDGE LLC		2	2,713	18,484	901				
37	7	3700700032	2707	CP&L - BLEWETT HYDROELECTRIC PLANT		1	76	21	3				
37	17	3701700043	10380	ELIZABETHTOWN POWER, LLC		1	145	359	0				
37	19	3701900051	6014	CP&L - BRUNSWICK PLANT		2	6	0	0				
37	19	3701900067	10378	COGENTRIX OF NORTH CAROLINA INC - SOUTHP		6	548	1,425	6				
37	21	0628	2706	ASHEVILLE		4	4,997	17,129	862				
37	25	3702500113	10626	KANNAPOLIS ENERGY PARTNERS LLC-KANNAPOL		7	697	2,103	25				

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37	31	3703100116	2711	CP&L - MOREHEAD CITY ELECTRIC PLANT		1	9	3	0				
37	35	3703500073	2727	DUKE POWER MARSHALL PLT		10	20,124	77,291	3,611				
37	37	3703700063	2708	CP&L - CAPE FEAR PLANT		10	3,183	10,938	590				
37	49	3704900158	10525	CRAVEN COUNTY WOOD ENERGY		6	557	2	25				
37	51	3705100094	1016	PUBLIC WORKS COMMISSION BUTLER-WARNER GE		2	143	0	46				
37	55	3705500021	2783	N C ELECTRICAL MEMBERSHIP CORPORATION		5	56	3	2				
37	61	3706100116	10381	COGENTRIX EASTERN CAROLINA LLC - KENANSV		7	144	465	5				
37	65	3706500146	10384	COGENTRIX OF ROCKY MOUNT		8	2,128	288	28				
37	67	00745	50221	R. J. R. TOBACCO CO. - T-VILLE	yes	2	1,163	2,621	7	3	10	3	12
37	71	3707100039	2718	DUKE POWER ALLEN PLT		11	10,673	37,027	1,921				
37	71	3707100040	2732	DUKE POWER RIVERBEND PLT		12	5,096	17,438	902				
37	83	3708300170	50555	PANDA-ROSEMARY COGENERATION FACILITY		5	143	13	6				
37	83	3708300174	54035	ROANOKE VALLEY PROJECT		10	2,209	898	21				
37	109	3710900082	7277	DUKE POWER CO LCTS		2	284	19	19				
37	119	0269	6038	DUKE ENERGY MCGUIRE NUCLEAR STATION		7	21	0	0				
37	129	3712900036	2713	CP&L - SUTTON PLANT		8	7,502	20,223	1,026				
37	129	3712900263	50271	NEW HANOVER COUNTY WASTEC	yes	3	176	46	47	1	0	0	0
37	145	3714500029	2712	CP&L - ROXBORO STEAM ELECTRIC PLANT		11	25,470	94,214	4,662				
37	145	3714500045	6250	CP&L - MAYO FACILITY		10	9,349	25,943	1,190				
37	145	3714500056	10379	COGENTRIX OF NORTH CAROLINA INC		5	304	607	6				
37	155	3715500147	2716	CP&L - WEATHERSPOON PLT		11	2,687	6,814	364				
37	155	3715500166	10382	LUMBERTON POWER, LLC		1	134	354	0				
37	157	3715700015	2723	DUKE POWER CO - DAN RIVER STEAM STATION		13	2,025	4,416	211				
37	159	3715900004	2720	DUKE POWER BUCK PLT		13	3,790	9,208	464				
37	159	3715900144	52178	KANNAPOLIS ENERGY PARTNERS **INACTIVE**		3	310	685	3				
37	161	3716100028	2721	DUKE ENERGY CORPORATION - CLIFFSIDE STEA		11	9,140	29,560	1,474				
37	169	3716900004	8042	DUKE POWER CO - BELEWS CREEK STEAM STATI		6	34,213	83,112	4,263				
37	183	3718300599	6015	CP&L - HARRIS NUCLEAR PLANT		2	9	3	0				
37	191	3719100017	2709	CP&L - F LEE PLANT		12	5,353	15,750	786				
38	55	0017	6030	COAL CREEK		4	10,733	26,313	2,398				
38	57	0001	2817	LELAND OLDS		4	14,780	51,456	1,307				
38	57	0004	2824	STANTON		4	2,970	10,659	356				
38	57	0011	6469	ANTELOPE VALLEY		4	12,847	12,070	890				
38	57	0012	8222	COYOTE		2	14,259	16,255	379				
38	59	0001	2790	R M HESKETT		3	1,240	3,789	75				
38	65	0001	2823	MILTON R YOUNG		4	22,582	35,557	1,064				

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39	1	0701000007	2850	DP&L, J.M. STUART GENERATING STATION		18	39,034	100,566	4,913				
39	1	0701000060	6031	DP&L, KILLEN GENERATING STATION		9	10,008	24,021	1,072				
39	7	0204010000	2835	CLEVELAND ELECTRIC ILLUMINATING CO., ASH		8	3,085	11,882	440				
39	11	0306010010	2942	CITY OF ST. MARYS POWER PLANT		3	279	1,449	87				
39	13	0607130015	2864	R. E. BURGER PLANT		13	7,946	50,657	2,174				
39	17	1409010078	2831	CINCINNATI GAS & ELECTRIC CO., DICKS CRE		5	176	0	8				
39	17	1409040243	2917	CITY OF HAMILTON DEPARTMENT OF PUBLIC UT		8	1,207	2,182	66				
39	17	1409120656	7158	CINCINNATI GAS & ELECTRIC CO., WOODSDALE		12	269	0	4				
39	23	0812790035	2860	OHIO EDISON CO. MAD RIVER PLANT		2	29	13	2				
39	25	1413090154	6019	CINCINNATI GAS & ELECTRIC CO., WM. H. ZI		8	20,895	21,652	1,387				
39	25	1413100008	2830	CINCINNATI GAS & ELECTRIC, W. C. BECKJOR		20	17,012	61,797	3,413				
39	31	0616000000	2840	CONESVILLE POWER PLANT		21	22,096	96,741	5,221				
39	35	1318000132	2906	CLEVELAND PUBLIC POWER - COLLINWOOD SUBS		2	7	0	0				
39	35	1318000245	2838	CLEVELAND ELECTRIC ILLUMINATING CO., LAK		5	1,088	1,762	68				
39	35	1318247813	55605	CUYAHOGA REGIONAL SANITARY LANDFILL		1	36	0	1				
39	51	0326000079	54974	SAUDER WOODWORKING COGENERATION FACILITY		2	59	0	2				
39	53	0627000003	2876	OHIO VALLEY ELECTRIC CORP., KYGER CREEK		15	26,757	118,307	6,807				
39	53	0627010056	8102	GAVIN POWER PLANT		8	32,236	46,300	2,806				
39	61	1431350093	2832	CINCINNATI GAS & ELECTRIC, MIAMI FORT ST		18	17,433	73,539	4,481				
39	81	0641050002	2828	CARDINAL POWER PLANT (CARDINAL OPERATING		11	24,983	100,182	5,421				
39	81	0641160017	2866	W. H. SAMMIS PLANT		15	29,816	115,479	5,988				
39	85	0243110008	2936	PAINESVILLE MUNICIPAL ELECTRIC PLANT		6	926	4,001	243				
39	85	0243160009	2837	CLEVELAND ELECTRIC ILLUMINATING CO., EA		8	13,573	46,852	1,541				
39	93	0247030013	2836	CLEVELAND ELECTRIC ILLUMINATING, AVON LA		9	15,779	33,493	1,290				
39	93	0247080049	2857	EDGEWATER PLANT		7	83	12	6				
39	93	0247080487	2869	WEST LORAIN PLANT		2	82	0	4				
39	93	0247100320	2933	OBERLIN MUNICIPAL LIGHT & POWER SYSTEM		8	118	0	8				
39	95	0448020006	2878	TOLEDO EDISON CO., BAY SHORE POWER PLANT		11	9,968	12,585	591				
39	109	0855100041	2937	PIQUA MUNICIPAL POWER SYSTEM		5	18	21	1				
39	113	0857040926	2851	DP&L MONUMENT SUBSTATION		5	55	5	1				
39	113	0857042072	2847	DP&L F.M. TAIT PEAKING		7	129	2	1				
39	113	0857780013	2848	DP&L O H HUTCHINGS ELECTRIC GENERATING P		6	3,004	6,506	322				
39	113	0857810015	2854	DP&L YANKEE STREET GENERATING STATION		7	60	0	0				
39	129	0165000006	2843	PICWAY POWER PLANT		3	884	9,183	491				
39	139	0370020002	2943	SHELBY MUNICIPAL LIGHT PLANT		6	963	6,153	399				
39	149	0575010008	2852	DP&L, SIDNEY GENERATING STATION		5	59	0	1				

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39	155	0278060023	2861	NILES PLANT		4	6,881	25,901	173				
39	157	0679010146	2914	DOVER MUNICIPAL LIGHT PLANT		3	480	2,182	130				
39	167	0684000000	2872	MUSKINGUM RIVER POWER PLANT		12	26,811	135,935	7,643				
39	167	0684020037	7286	R. H. GORSUCH STATION		9	3,223	30,633	1,578				
39	169	0285010188	2935	DEPARTMENT OF PUBLIC UTILITIES, CITY OF		6	2,070	15,181	895				
39	171	0386010036	2903	BRYAN MUNICIPAL LIGHT & WATER UTILITIES		1	8	0	1				
39	171	0386010200	7779	BRYAN MUNICIPAL LIGHT & WATER UTILITIES		3	14	1	2				
40	15	1214	2964	CENTRAL AND SOUTH WEST SERVICES, INC.		6	1,963	37	35				
40	15	2699	3006	WESTERN FARMERS ELECTRIC COOP		6	72	0	1				
40	17	2205	2953	OKLAHOMA GAS & ELECTRIC		4	2,455	3	42				
40	23	2700	6772	WESTERN FARMERS ELECTRIC COOP		2	2,902	7,605	246				
40	31	1211	8059	CENTRAL AND SOUTH WEST SERVICES, INC.		2	2,678	3	42				
40	71	2929	7185	OKLAHOMA GAS & ELECTRIC		4	946	28	38				
40	79	1011	10671	AES SHADY POINT, INC.		9	882	5,601	176				
40	97	1799	165	GRAND RIVER DAM AUTHORITY		7	14,384	16,725	936				
40	101	2209	2952	OKLAHOMA GAS & ELECTRIC		5	18,842	28,082	974				
40	103	2211	6095	OKLAHOMA GAS & ELECTRIC		3	11,192	19,025	689				
40	109	2208	2951	OKLAHOMA GAS & ELECTRIC		4	1,602	4	46				
40	109	2407	50558	POWERSMITH COGENERATION PROJECT, L.P.		5	544	3	55				
40	119	1247	3000	STILLWATER POWER		2	1	0	0				
40	131	1212	2963	CENTRAL AND SOUTH WEST SERVICES, INC.		12	18,072	29,677	726				
40	133	2210	2956	OKLAHOMA GAS & ELECTRIC		4	4,312	13	142				
40	143	1213	2965	CENTRAL AND SOUTH WEST SERVICES, INC.		5	510	1	12				
40	143	1215	4940	CENTRAL AND SOUTH WEST SERVICES, INC.		5	4,471	258	114				
40	153	2701	3008	WESTERN FARMERS ELECTRIC COOP		4	398	1	16				
41	9	52520	8073	PORTLAND GENERAL ELECTRIC		8	1,223	20	21				
41	19	100002	50993	CO-GEN II		4	159	6	92				
41	23	120001	50921	CO-GEN CO. LLC		5	155	7	75				
41	29	150159	10869	BIOMASS ONE, L.P.		12	221	14	15				
41	49	250016	6106	PORTLAND GENERAL ELECTRIC COMPANY		4	10,769	17,823	466				
41	49	250031	7350	PORTLAND GENERAL ELECTRIC COMPANY		4	84	3	13				
41	59	300113	54761	HERMISTON GENERATING COMPANY, L.P. AND P		2	190	8	0				
42	1	52-2154847-11	3109	RELIANT ENERGY MID A/HAMILTON ELECTRIC G		1	29	7	3				
42	1	52-2154847-12	3112	RELIANT ENERGY MID A/ORTANNA ELECTRIC GE		1	28	7	3				
42	1	52-2154847-8	3110	RELIANT ENERGY MID A/HUNTERSTOWN ELECTRI		6	52	1	8				
42	3	4200300133	55196	ALLEGHENY DEV. CORP. ENERGY FACILITY		4	8	0	7				

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42	3	4200300157	8226	DUQUESNE LIGHT COMPANY, CHESWICK STATION		26	6,751	49,004	2,945				
42	3	4200300158	3096	DUQUESNE LIGHT CO. - BRUNOT ISLAND		3	167	34	15				
42	3	4200300297	3099	DUQUESNE LIGHT COMPANY, PHILLIPS STATION		1	2	1	0				
42	5	23-3020481-3	3178	ALLEGHENY ENERGY SUP/ARMSTRONG POWER STA		3	3,775	30,876	1,850				
42	5	25-1753949-4	3136	KEYSTONE STATION OWN/KEYSTONE POWER PLT		11	19,296	159,732	9,512				
42	7	22-2370906-2	50130	ZINC CORP AMER/MONACA SMELTER	yes	2	807	1,430	26	46	972	7,972	717
42	7	25-0718810-3	6094	PA POWER CO/BRUCE MANSFIELD PLT		12	24,411	25,580	2,628				
42	7	54-1163725-1	10676	AES BEAVER VALLEY PA/POTTER		8	4,481	3,949	87				
42	11	52-2154847-4	3115	RELIANT ENERGY MID A/TITUS ELECTRIC GEN		15	1,402	10,483	700				
42	17	04-3024782-1	54746	WHEELABRATOR FALLS I/FALLS TWP	yes	2	741	137	1	2	0	0	1
42	17	23-3064219-12	8012	EXELON GENERATION CO/CROYDON GEN STA		16	254	14	22				
42	17	23-3064219-18	3162	EXELON GENERATION CO/FALLS TWP PEAK PWR		3	26	5	2				
42	17	23-3064219-27	7690	EXELON GENERATION CO/PENNSBURY POWER PLT		2	3	1	0				
42	21	23-2639463-1	10641	CAMBRIA COGEN CO/CAMBRIA COGEN		8	1,045	2,773	42				
42	21	25-1692995-1	10143	INTER POWER AHLCON L/COLVER POWER PROJ		3	724	2,108	71				
42	21	72-1085863-1	10603	EBENSBURG POWER CO/EBENSBURG COGENERATIO		4	446	1,821	50				
42	25	52-1666131-1	50776	PANTHER CREEK PARTNE/NESQUEHONING PLT		4	577	594	11				
42	29	23-3064219-4	3159	EXELON GENERATION CO/CROMBY GENERATION S		16	2,215	5,685	204				
42	31	25-1691604-1	54144	PINEY CREEK LTD PART/PINEY CREEK POWER P		10	231	1,045	76				
42	33	52-2154847-3	3131	RELIANT ENERGY MID A/SHAWVILLE GENERATIN		14	6,712	42,017	2,394				
42	35	23-3022600-28	3147	PPL MARTINS CREEK LL/LOCK HAVEN CTS		1	1	0	0				
42	39	52-2154847-17	3134	RELIANT ENERGY MID A/WAYNE COMBUSTION TU		1	58	32	4				
42	41	52-2154847-9	3111	RELIANT ENERGY MID A/MOUNTAIN ELECTRIC G		4	49	4	7				
42	45	23-3064219-1	3161	EXELON GENERATION CO/EDDYSTONE		29	7,383	10,240	556				
42	45	23-3064219-2	3157	EXELON GENERATION CO/CHESTER		3	14	3	1				
42	45	76-0531017-1	10746	AMER REF FUEL CO OF /DELAWARE VALLEY RES	yes	6	1,483	426	18	1	0	0	2
42	49	25-1232336-1	55074	WASTE MGMT PA/LAKE VIEW LANDFILL	yes	3	7	0	12	5	50	3	1
42	49	76-0354084-1	54571	NORCON POWER PARTNER/NORCON COGEN PLT		7	190	1	41				
42	55	23-6002979-1	7397	CHAMBERSBURG BORO/DIESEL POWER PLT		4	21	0	0				
42	59	23-3020481-1	3179	ALLEGHENY ENERGY SUP/HATFIELDS FERRY POW		4	27,402	185,496	10,999				
42	63	25-1753949-19	3118	KEYSTONE STATION OWN/CONEMAUGH PLT		11	20,893	6,453	1,455				
42	63	33-0826938-1	3122	EDISON MISSION ENERG/EME HOMER CITY GENE		6	24,991	137,575	7,763				
42	63	52-2154847-18	3130	RELIANT ENERGY MID A/SEWARD POWER PLT		6	2,212	13,395	725				
42	65	16-1226257-1	10383	COGENTRIX PA INC/RINGGOLD		9	559	4	13				
42	69	23-1933626-1	50782	ENVIRONMENTAL & RECY/AMITY LANDFILL-TAYL		1	292	243	47				
42	69	34-1746531-1	54934	KEYSTONE RECOVERY IN/KEYSTONE RECOVERY I		1	117	16	0				

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42	71	23-0959590-4	3145	PP&L INC/HOLTWOOD		6	1,492	4,844	242				
42	71	23-6006036-3	50859	LANCASTER CNTY SOLID/LANCASTER RRF	yes	3	1,019	33	2	3	0	0	2
42	73	52-2201498-3	3138	ORION POWER MIDWEST /NEW CASTLE PLT		10	4,137	28,851	1,646				
42	77	23-3022600-8	3139	PPL MARTINS CREEK LL/ALLENTOWN CTG SITE		4	38	9	3				
42	79	23-1650159-1	3176	UGI DEVELOPMENT CO/HUNLOCK CREEK		7	635	3,249	175				
42	79	23-3022600-11	3146	PPL MARTINS CREEK LL/JENKINS CTG		2	17	5	1				
42	79	73-1524087-1	10870	WILLIAMS GENERATION /HAZLETON COGEN FAC		1	16	0	3				
42	81	23-3022600-9	3155	PPL MARTINS CREEK LL/WILLIAMSPORT CTS		2	9	2	1				
42	91	23-3064219-21	6105	EXELON GENERATION CO/LIMERICK GENERATING		14	61	4	45				
42	91	23-3064219-25	3163	EXELON GENERATION CO/MOSER GENERATING ST		3	30	5	1				
42	91	65-0314688-1	54625	MONTENAY MONTGOMERY /PLYMOUTH		2	686	28	5				
42	93	23-3022599-18	3149	PPL MONTOUR LLC/MONTOUR SES		6	12,391	111,508	6,531				
42	95	23-2683633-1	50888	NORTHAMPTON GEN CO/NORTHAMPTON		16	386	579	17				
42	95	23-3022600-16	3148	PPL MARTINS CREEK LL/MARTINS CREEK		18	6,735	25,205	1,459				
42	95	52-2154847-6	3113	RELIANT ENERGY MID A/PORTLAND GENERATING		11	1,941	16,620	984				
42	97	22-2763306-1	10343	FOSTER WHEELER MT CA/COGEN PLT		2	214	450	22				
42	97	38-2720480-1	50771	VIKING ENERGY NORTHU/COGEN PLT		2	202	8	21				
42	101	4210104901	3160	PECO ENERGY CO - DELAWARE STATION		10	286	348	25				
42	101	4210104903	3168	P E C O ENERGY CO - RICHMOND		2	52	13	6				
42	101	4210104904	3169	PECO ENERGY CO. - SCHUYLKILL		5	59	128	11				
42	101	4210104905	3170	PECO ENERGY CO - SOUTHWARK		4	35	8	4				
42	101	4210104942	50607	TRIGEN - PHILADELPHIA ENERGY CORP.		4	327	447	40				
42	101	4210104944	54785	GRAYS FERRY COGENERATION PTNR		6	137	5	25				
42	107	02-0393452-1	50879	WHEELABRATOR FRACKVI/MOREA PLT		2	373	507	7				
42	107	23-1596648-1	54634	SCHUYLKILL ENERGY RE/READING ANTHRACITE		2	287	2,066	34				
42	107	23-2366929-1	50039	NORTHEASTERN POWER C/MCADOO CO GEN		2	187	875	40				
42	107	23-2387116-1	10113	GILBERTON POWER CO/JOHN B RICH MEMO POWE		5	240	1,601	21				
42	109	23-0959590-10	3152	PP&L INC/SUNBURY SES		24	7,508	28,788	1,418				
42	117	52-2154847-20	3120	RELIANT ENERGY MID A/BLOSSBURG COMBUSTIO		2	8	0	1				
42	121	04-2975595-1	50974	SCRUBGRASS POWER COR/KENNERDELL PLT		25	803	990	40				
42	123	52-2154847-2	3132	RELIANT ENERGY MID A/WARREN STATION		10	600	2,732	152				
42	125	23-3020481-2	3181	ALLEGHENY ENERGY SUP/MITCHELL POWER STAT		4	3,151	1,112	250				
42	125	52-2201498-1	3098	ORION POWER MIDWEST /ELRAMA		4	7,721	5,367	479				
42	133	23-1920928-1	50215	YORK CNTY SOLID WAST/YORK COUNTY RESOURC		3	498	50	8				
42	133	23-3022596-5	3140	PPL BRUNNER ISLAND L/BRUNNER ISLAND		12	10,408	44,273	2,429				
42	133	23-3064219-5	3166	EXELON GENERATION CO/PEACH BOTTOM NUCLEA		6	24	3	1				

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42	133	33-0058470-1	54693	STI CAPITAL CO/SPRINGETTSBURY TWP		6	64	0	9				
42	133	52-2154847-7	3116	RELIANT ENERGY MID A/TOLNA ELECTRIC GEN		2	40	14	4				
42	133	65-0872409-2	55142	REPUBLIC SVC GROUP O/MODERN LANDFILL	yes	4	22	22	8	3	29	2	1
44	7	00039	3236	USGEN NEW ENGLAND INC.		5	668	13	58				
44	7	00545	51030	OCEAN STATE POWER		2	415	4	0				
44	7	00555	50365	RIDGEWOOD PROVIDENCE POWER PARTNERS LP		2	51	0	0				
44	7	90069	54056	PAWTUCKET POWER ASSOCIATED		4	69	8	2				
45	3	0080-0011	3295	SCE&G:URQUHART		17	2,869	12,870	974				
45	3	0080-0044	7652	SCE&G:SRS AREA D		13	2,931	4,527	412				
45	7	0200-0004	3264	DUKE ENERGY:LEE		15	2,326	8,005	399				
45	13	0360-0048	3277	SCE&G:BURTON		4	20	0	0				
45	15	0420-0003	3319	SANTEE COOPER:JEFFERIES		12	3,762	17,986	966				
45	15	0420-0006	3298	SCE&G:WILLIAMS		6	9,549	22,789	1,150				
45	15	0420-0030	130	SANTEE COOPER:CROSS		4	15,720	13,877	1,207				
45	19	0560-0029	3285	SCE&G:HAGOOD		2	30	11	1				
45	19	0560-0305	3284	SCE&G:FABER PLACE		1	1	0	0				
45	21	0600-0060	55043	CHEROKEE COUNTY COGENERATION		1	93	2	1				
45	29	0740-0002	3280	SCE&G:CANADYS		4	4,453	22,038	1,563				
45	31	0820-0002	3251	CP&L:ROBINSON		8	4,046	8,371	491				
45	39	1000-0012	6127	SCE&G:SUMMER		2	5	4	0				
45	39	1000-0021	3291	SCE&G:PARR (JENKINSVILLE)		8	66	2	0				
45	43	1140-0005	6249	SANTEE COOPER:WINYAH		8	20,782	37,872	1,675				
45	47	1240-0075	3254	DUKE ENERGY:BUZZARD ROOST		20	107	23	1				
45	51	1340-0003	3317	SANTEE COOPER:GRAINGER		4	3,259	9,553	520				
45	51	1340-0021	3320	SANTEE COOPER:MYRTLE BEACH		1	24	9	2				
45	53	1360-0019	3286	SCE&G:HARDEEVILLE		1	15	2	0				
45	63	1560-0003	3287	SCE&G:MCMEEKIN		6	3,178	12,773	646				
45	73	1820-0041	3265	DUKE ENERGY:OCONEE		4	1	0	0				
45	75	1860-0044	7210	SCE&G:COPE		2	3,288	1,464	313				
45	75	1860-0073	7479	ORANGEBURG DPU:NORTH ROAD		2	56	9	1				
45	75	1860-0085	7480	ORANGEBURG DPU:ROWESVILLE ROAD		7	7	0	2				
45	79	1900-0013	3297	SCE&G:WATEREE		4	9,319	34,925	2,828				
45	79	1900-0132	3281	SCE&G:COIT		4	6	1	0				
45	79	1900-0161	3283	SC GENERAL SERVICES:COLUMBIA MILLS		2	2	0	0				
45	91	2440-0070	6036	DUKE ENERGY:CATAWBA		4	29	0	1				
46	51	1001	6098	BIG STONE		3	16,454	13,618	198				

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46	99	U333	3334	PATHFINDER		3	0	0	0				
46	103	0001	3325	BLACK HILLS POWER AND LIGHT COMPANY		4	825	821	16				
47	1	0009	3396	TVA BULL RUN FOSSIL PLANT		8	17,323	43,052	2,018				
47	1	0170	50570	Chestnut Ridge Landfill / Curtis Sexton		7	160	17	1				
47	65	4150	6152	TENNESSEE VALLEY AUTHORITY -- SEQUOYAH N		6	15	0	4				
47	73	0007	3405	TVA JOHN SEVIER FOSSIL PLANT		9	10,185	41,884	1,973				
47	75	0068	55081	BROWNSVILLE POWER I. L.L.C.		4	15	0	0				
47	85	0011	3406	TVA JOHNSONVILLE FOSSIL PLANT		16	21,424	94,506	4,572				
47	145	0013	3407	TVA Kingston Fossil Plant		6	26,166	90,291	4,368				
47	157	528	3393	Allen Fossil Plant		47	19,384	15,510	334				
47	161	0011	3399	TVA CUMBERLAND FOSSIL PLANT		18	51,190	15,573	2,784				
47	165	0025	3403	TVA-GALLATIN FOSSIL PLANT		6	10,987	56,171	2,073				
48	13	AG0007G	6183	SAN MIGUEL ELCTRC COOPERATIVE INC		5	7,283	13,932	1,563				
48	21	BC0015L	3601	LOWER COLORADO RIVER AUTHORITY		8	1,311	18	58				
48	29	BG0057U	3611	CITY PUBLICSERVICE		22	1,120	9	67				
48	29	BG0057UA	6181	CITY PUBLICSERVICE B		2	7,508	21,835	1,520				
48	29	BG0057UB	7097	CITY PUBLICSERVICE B		1	3,670	3,767	507				
48	29	BG0059Q	3609	CITY PUBLICSERVICE BOARD		4	61	0	6				
48	29	BG0186I	3612	CITY PUBLICSERVICE		7	790	3	41				
48	29	BG0187G	3613	CITY PUBLICSERVICE		9	184	0	34				
48	29	BG0188E	3610	CITY PUBLICSERVICE BOARD		2	33	0	4				
48	39	BL0622F	55015	SWEENY COGENERATION LTD PARTNERSHIPS		7	2,299	11	139				
48	41	BM0009Q	6243	CITY OF BRYAN		1	114	7	9				
48	41	BM0010I	3561	BRYAN MUNICIPAL ELECTRIC SYSTEM		7	147	1	4				
48	57	CB0008C	3436	CENTRAL POWER AND LIGHT CO		1	792	10	25				
48	57	CB0038Q	10554	FORMOSA PLASTICS CORP	yes	6	1,503	3	90	155	953	14	10
48	61	CD0009B	3559	BROWNSVILLEPUBLIC UTILITIES BOARD		6	109	1	11				
48	61	CD0013K	3442	CENTRAL POWER AND LIGHT CO		4	1,053	135	33				
48	71	CI0012D	3460	RELIANT ENERGY INC		13	2,628	205	217				
48	73	CJ0026J	3504	TXU ELECTRIC CO		9	1,913	265	75				
48	81	CN0005T	3523	WEST TEXAS UTILITIES CO		1	379	14	14				
48	83	CO0003M	3566	CITY OF COLEMAN		8	83	1	0				
48	85	CP0026M	3576	GARLAND MUNICIPAL POWER AND LIGHT		5	769	8	38				
48	85	CP0065C	3500	TXU ELECTRIC CO		3	67	2	9				
48	105	CZ0017A	3526	W TX UTILITIES CO		3	699	2	20				
48	113	DB0249H	3452	TXU ELECTRIC CO		8	1,635	135	86				

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48	113	DB0251U	3454	TXU ELECTRIC CO		12	1,216	100	58				
48	113	DB0252S	3453	TXU ELECTRIC CO		11	1,229	118	73				
48	113	DB0253Q	3455	TXU ELECTRIC CO		7	394	1	11				
48	113	DB0384A	3574	GARLAND MUNICIPAL POWER AND LIGHT		8	23	0	1				
48	121	DF0012T	4266	DENTON MUNICIPAL UTILITIES		7	147	10	9				
48	141	EE0029T	3456	EL PASO ELECTRIC CO		5	2,347	7	87				
48	147	FB0025U	3508	TX UTILITIES ELECTRIC CO		11	3,179	61	97				
48	149	FC0018G	6179	LOWER COLORADO RIVER AUTHORITY		43	19,865	31,707	3,384				
48	157	FG0020V	3470	RELIANT ENERGY INC		50	14,091	52,534	1,325				
48	161	FI0020W	3497	TXU ELECTRIC CO		28	12,537	70,594	1,539				
48	163	FJ0012P	3630	MEDINA ELECTRIC COOPERATIVE INC		3	201	367	12				
48	167	GB0037T	3466	RELIANT ENERGY INC		16	4,509	18	327				
48	167	GB0153Q	52088	TEXAS CITY COGENERATION LP		4	3,188	10	35				
48	175	GF0002R	6178	CENTRAL SOUTH WEST SERVICES INC		6	5,412	13,712	412				
48	183	GJ0043K	3476	SOUTHWESTERN ELECTRIC POWER CO		6	1,197	90	42				
48	185	GK0012K	6136	TEXAS MUNICIPAL POWER AGENCY		5	3,707	11,284	307				
48	197	HE0013G	3521	WEST TEXAS UTILITIES CO		1	11	0	0				
48	201	HG0071Q	10298	AIR LIQUIDEAMERICA CORP	yes	1	1,149	1	6	7	3,567	3	24
48	201	HG0353D	3464	RELIANT ENERGY INC		13	445	54	52				
48	201	HG0355W	3471	RELIANT ENERGY INC		3	331	2	20				
48	201	HG0356U	3461	RELIANT ENERGY INC		2	77	0	5				
48	201	HG0357S	3469	RELIANT ENERGY INC		25	1,037	19	157				
48	201	HG0358Q	3468	RELIANT ENERGY INC		15	796	9	49				
48	201	HG1169O	10741	CALPINE CORPORATION		4	1,618	12	71				
48	201	HG1495V	10670	AES DEEPWATER INC		5	3,267	4,165	1				
48	201	HG4955K	7325	RELIANT ENERGY INC		4	324	5	53				
48	201	HG9954A	55047	CALPINE CORPORATION		3	179	6	44				
48	203	HH0037F	7902	SOUTHWESTERN ELECTRIC POWER CO		8	8,534	16,090	974				
48	207	HJ0022B	3524	WEST TEXAS UTILITIES CO		4	497	90	17				
48	213	HM0017H	3507	TXU ELECTRIC CO		3	451	22	18				
48	215	HN0013E	3438	CENTRAL POWER AND LIGHT CO		3	1,806	39	23				
48	215	HN0403K	55098	FRONTERA GENERATION LTD PARTNERSHIP		2	58	1	13				
48	221	HQ0012T	8063	TXU ELECTRIC CO		9	6,843	69	137				
48	227	HT0065Q	52176	POWER RESOURCES LTD		8	838	10	41				
48	231	HV0023K	4195	GREENVILLE ELECTRIC SYSTEM		3	30	3	2				
48	233	HW0081I	55064	SOUTHWESTERN PUBLIC SERVICE CO		2	927	9	73				

State ID	County ID	Plant ID	ORIS ID	PLANT	Partial Site	# EGU recs	EGU NOX	EGU SO2	EGU PM25	# Non-EGU recs	Non-EGU NOX	Non-EGU SO2	Non-EGU PM25
48	251	JH0230L	54817	TENASKA IV TEXAS PARTNERS LTD		2	210	4	44				
48	253	JI0030K	4938	CENTRAL & SOUTH WEST SERVICES INC		2	1,210	56	58				
48	277	LA0045F	50109	TENASKA IIITEXAS PARTNERS		7	1,310	2	36				
48	279	LB0046P	3485	SOUTHWESTERN PUBLIC SERVICE		9	1,088	7	43				
48	279	LB0047N	6194	SOUTHWESTERN PUBLIC SERVICE CO		11	12,305	25,436	523				
48	293	LI0027L	298	RELIANT ENERGY INC		51	14,640	24,559	2,839				
48	299	LL0006O	4937	LOWER COLORADO RIVER AUTHORITY		8	889	3	40				
48	303	LN0057V	3602	LUBBOCK POWER & LIGHT		5	239	1	13				
48	303	LN0081B	3482	SOUTHWESTERN PUBLIC SERVICE CO		9	3,456	37	103				
48	303	LN0206F	7131	LUBBOCK POWER AND LIGHT		1	84	1	9				
48	303	LN3604A	3604	J.R. MASSENGALE		5	102	4	9				
48	309	MB0116C	3506	TXU ELECTRIC CO		11	12,633	171	189				
48	309	MB0117A	3502	TXU ELECTRIC CO		9	1,017	2	23				
48	315	ME0006A	3478	SOUTHWESTERN ELECTRIC POWER CO		4	1,814	19	82				
48	331	MM0023J	6648	TXU ELECTRIC CO		24	8,538	24,912	1,344				
48	335	MO0014L	3492	TXU ELECTRIC CO		15	7,435	82	108				
48	339	MQ0009F	3457	ENTERGY GULF STATES INC		4	2,301	8	104				
48	343	MS0011T	3477	SOUTHWESTERN ELECTRIC POWER CO		1	22	0	1				
48	353	ND0054G	50615	EEX POWER SYSTEMS		5	1,174	12	46				
48	355	NE0024E	4939	CENTRAL POWER AND LIGHT CO		3	2,747	284	137				
48	355	NE0025C	3440	CENTRAL POWER AND LIGHT CO		5	1,507	37	49				
48	355	NE0026A	3441	CENTRAL POWER AND LIGHT CO		3	1,581	242	73				
48	355	NE0035W	3608	ROBSTOWN UTILITY SYSTEMS		6	367	1	6				
48	361	OC0013O	3459	ENTERGY GULF STATES INC		9	6,358	25	311				
48	363	PA0003W	3628	BRAZOS ELECTRIC POWER COOPERATIVE IN		5	1,123	5	57				
48	367	PC0005T	3627	BRAZOS ELECTRIC POWER COO		3	11	0	0				
48	375	PG0040T	3484	SOUTHWESTERN PUBLIC SERVICE CO		6	1,277	3	44				
48	375	PG0041R	6193	SOUTHWESTERN PUBLIC SERVICE CO		13	12,604	24,700	623				
48	387	RE0012M	3503	TXU ELECTRIC CO		2	22	0	1				
48	395	RI0035C	7030	TEXAS NEW MEXICO POWER CO		37	2,407	5,176	239				
48	401	RL0020K	6146	TXU ELECTRIC CO		47	22,084	66,138	3,872				
48	409	SD0092F	55313	OCCIDENTAL CHEMICAL CORP	yes	2	185	0	24	28	452	2	27
48	439	TA0352I	3489	TXU ELECTRIC CO		4	859	41	36				
48	439	TA0353G	3491	TXU ELECTRIC CO		14	2,009	48	98				
48	439	TA0354E	3493	TXU ELECTRIC CO		1	16	0	1				
48	441	TB0056E	3517	WEST TEXAS UTILITIES CO		1	1	0	0				

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48	449	TF0012D	6139	SOUTHWESTERN ELECTRIC POWER CO		9	17,204	39,541	1,141				
48	449	TF0013B	6147	TXU ELECTRIC CO		44	19,107	87,264	2,458				
48	451	TG0044C	3527	WEST TEXAS UTILITIES CO		2	668	3	37				
48	453	TH0004D	3548	CITY OF AUSTIN		15	1,267	19	81				
48	453	TH0006W	3549	CITY OF AUSTIN		6	609	3	32				
48	469	VC0003D	3443	CENTRAL POWER AND LIGHT CO		3	884	83	36				
48	469	VC0026O	3631	SOUTH TEXASELECTRIC COOPERATIVE INC		9	47	5	3				
48	475	WC0028Q	3494	TXU ELECTRIC CO		10	10,349	186	111				
48	479	WE0005G	3439	CENTRAL & SOUTHWEST SERVICES INC		3	526	25	26				
48	481	WF0175P	50137	NEWGULF POWER VENTURE INC		1	13	0	0				
48	485	WH0083W	50127	MIRANT WICHITA FALLS LP		4	427	1	8				
48	487	WI0025C	127	WEST TEXAS UTILITIES CO		1	6,187	3,971	562				
48	503	YB0017V	3490	TXU ELECTRIC CO		4	3,032	1,288	51				
49	1	10319	7370	BONNETT-GEOTHERMAL POWER PLANT		2	0	0	0				
49	7	10081	3644	CARBON POWER PLANT		15	3,130	5,188	180				
49	7	10096	50951	SUNNYSIDE COGENERATION FACILITY		28	517	1,189	35				
49	11	11974	3665	BOUNTIFUL SANITARY LANDFILL	yes	2	0	0	17	7	8	1	1
49	15	10237	6165	HUNTER POWER PLANT		29	17,575	5,654	1,294				
49	15	10238	8069	HUNTINGTON POWER PLANT		21	12,183	12,070	880				
49	27	10327	6481	INTERMOUNTAIN GENERATION STATION		18	31,041	4,200	1,721				
49	35	10355	3648	GADSBY POWER PLANT		7	619	4	56				
49	47	107790	7790	BONANZA		2	6,983	1,207	526				
49	49	10819	7028	WHITEHEAD POWER PLANT		2	161	0	0				
49	49	10823	7408	PAYSON CITY POWER		5	65	2	13				
49	57	10973	6553	LITTLE MOUNTAIN POWER PLANT		3	272	0	24				
50	5	601	51026	RYEGATE ASSOCIATES		2	190	10	1				
50	7	43	589	BURLINGTON ELECTRIC DEPT. (MCNEIL STATIO		5	229	5	27				
51	1	00006	3785	CONECTIV DELMARVA GENERATION INC - TASLE		1	54	17	4				
51	5	00024	3799	VIRGINIA POWER LOW MOOR		4	58	17	5				
51	31	00156	10773	ALTAVISTA POWER STATION		8	109	11	3				
51	41	00002	3797	VIRGINIA POWER CHESTERFIELD POWER STATIO		21	17,072	65,996	4,449				
51	53	00077	54045	WYTHE PARK POWER INC PETERSBURG		3	36	5	0				
51	65	00001	3796	DOMINION - BREMO POWER STATION		6	3,634	9,844	508				
51	71	00002	3776	AMERICAN ELECTRIC POWER GLEN LYN		8	3,750	9,926	494				
51	83	00046	7213	VIRGINIA POWER CLOVER POWER STATION		5	10,841	2,074	858				
51	85	00061	52019	DOSWELL LIMITED PARTNERSHIP		12	223	1	150				

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51	87	00156	7212	VIRGINIA POWER DARBYTOWN		2	120	21	5				
51	99	00012	54304	BIRCHWOOD POWER PARTNERS, L.P.		7	386	411	57				
51	109	00040	54844	GORDONSVILLE ENERGY		23	86	24	25				
51	117	00051	52007	MECKLENBURG COGENERATION FACILITY		3	1,017	363	17				
51	131	00008	3782	CONECTIV DELMARVA GENERATION INC - BAYVI		6	200	13	13				
51	143	00123	52118	MULTITRADE OF PITTSYLVANIA CO LP		6	90	4	19				
51	153	00002	3804	VIRGINIA POWER POSSUM POINT		20	6,101	21,687	1,001				
51	153	00139	55156	PRINCE WILLIAM COUNTY SANITARY LANDFILL		3	36	13	6				
51	167	00003	3775	AMERICAN ELECTRIC POWER/CLINCH RIVER PLA		8	12,160	22,440	1,093				
51	175	00051	10774	VIRGINIA POWER - SOUTHAMPTON POWER STATI		11	251	18	3				
51	181	00002	7032	VIRGINIA POWER SURRY/GRAVEL NECK POWER S		15	144	73	7				
51	199	00001	3809	VIRGINIA POWER YORKTOWN POWER STATION		10	9,604	39,365	1,686				
51	510	00003	3788	POTOMAC RIVER GENERATING STATION		10	5,918	15,162	726				
51	510	00139	50663	OGDEN MARTIN SYSTEMS - ARLINGTON/ALEXAND		3	705	101	20				
51	550	00026	3803	VIRGINIA POWER CHESAPEAKE		23	9,708	30,178	1,529				
51	550	00161	52087	COMMONWEALTH ATLANTIC LIMITED PARTNERSHI		2	119	0	0				
51	670	00003	50813	STONE CONTAINER CORPORATION HOPEWELL	yes	1	365	767	19	33	1,948	1,307	326
51	670	00055	10377	JAMES RIVER COGENERATION COMPANY		4	859	1,756	8				
51	670	00058	10633	HOPEWELL COGENERATION LTD PARTNERSHIP		13	341	46	13				
51	670	00063	10771	HOPEWELL POWER CO		17	110	15	4				
51	740	00081	10071	COGENTRIX VIRGINIA LEASING CORP		8	585	1,667	6				
51	760	00399	54081	COGENTRIX OF RICHMOND		9	2,617	704	21				
51	800	00109	54781	POW.GEN.(SUFFOLK) & SUFF ENERGY PARTNERS		1	51	0	5				
53	11	0155	7605	CLARK PUBLIC UTILITIES / RIVER ROAD GENE		1	75	4	14				
53	39	0024	7832	ROOSEVELT REGIONAL LANDFILL	yes	5	12	37	41	1	7	0	0
53	41	0010	3845	TRANSALTA CENTRALIA GENERATION		8	18,268	67,001	2,682				
53	53	10028	99	PUGET SOUND ENERGY (FREDERICKSON)		4	203	1	4				
53	53	28780	3920	TACOMA STEAM PLANT NO. 2		13	391	336	24				
53	57	0040	607	PSE FREDONIA		1	218	1	11				
53	57	0045	54268	MARCH POINT COGENERATION		3	245	26	6				
53	65	0033	550	AVISTA		3	463	66	112				
53	73	0028	6120	PSE WHITEHORN		5	120	11	5				
53	73	0032	54542	ENCOGEN NW COGENERATION PLANT		3	103	3	11				
53	73	0033	54476	SUMAS COGENERATION CALPINE		2	47	6	6				
54	23	0003	3954	MOUNT STORM POWER PLANT		21	27,832	73,453	4,751				
54	23	0014	7537	NORTH BRANCH POWER STATION		14	987	721	41				

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54	33	0015	3944	MONONGAHELA POWER CO-HARRISON		17	30,669	7,137	1,637				
54	39	0006	3936	APPALACHIAN POWER - KANAWHA RIVER PLANT		5	6,035	15,567	759				
54	49	0009	3945	MONONGAHELA POWER CO.-RIVESVILLE POWER		11	2,371	5,344	278				
54	49	0026	10151	AMERICAN BITUMINOUS POWER-GRANT TOWN PLT		9	1,526	2,250	23				
54	51	0005	3948	OHIO POWER - MITCHELL PLANT		5	21,708	49,905	2,459				
54	51	0006	3947	OHIO POWER - KAMMER PLANT		7	13,285	38,905	2,125				
54	53	0001	3938	APPALACHIAN POWER CO.-PHILIP SPORN PLANT		11	14,405	39,294	1,930				
54	53	0009	6264	APPALACHIAN POWER - MOUNTAINEER PLANT		3	13,503	29,279	1,153				
54	61	0001	3943	MONONGAHELA POWER CO.- FORT MARTIN POWER		15	12,340	79,672	4,754				
54	61	0027	10743	MORGANTOWN ENERGY ASSOCIATES		16	779	1,029	0				
54	73	0004	3946	MONONGAHELA POWER CO.-WILLOW ISLAND		7	5,914	13,586	748				
54	73	0005	6004	MONONGAHELA POWER CO-PLEASANTS POWER STA		17	14,564	44,817	1,446				
54	77	0001	3942	MONONGAHELA POWER CO-ALBRIGHT		13	4,325	21,540	1,324				
54	79	0006	3935	APPALACHIAN POWER - JOHN E AMOS PLANT		8	36,374	78,865	3,672				
55	3	802033320	3982	NORTHERN STATES POWER CO-BAY FRONT GEN S		19	1,390	776	458				
55	5	603012520	4102	BARRON LIGHT & WATER DEPT		8	0	1	0				
55	5	603058610	4112	CUMBERLAND MUNICIPAL UTILITY		7	14	2	0				
55	9	405031990	4072	WI PUBLIC SERVICE CORP - JP PULLIAM PLAN		20	7,841	6,475	279				
55	9	405170920	55029	DE PERE ENERGY CENTER		2	26	4	4				
55	11	606034110	4140	DAIRYLAND POWER COOP ALMA STATION		11	2,533	5,351	309				
55	11	606034110A	4271	DAIRYLAND POWER COOP ALMA STATION B		2	5,299	4,974	221				
55	13	807057350	4021	NORTHWESTERN WISCONSIN ELECTRIC COMPANY		4	3	0	0				
55	17	609042720	4014	NORTHERN STATES POWER CO WHEATON GEN PLA		8	204	54	7				
55	21	111003090	8023	WIS PWR & LIGHT COLUMBIA GEN STATION		12	15,923	28,304	797				
55	25	113004430	3992	MADISON GAS & ELECTRIC CO BLOUNT ST STN		26	1,459	6,795	340				
55	25	113016090	9674	MADISON GAS & ELECTRIC CO NINE SPRINGS S		2	6	0	1				
55	25	113016200	3991	MADISON GAS & ELEC FITCHBURG GENERATING		4	64	0	6				
55	25	113017850	3993	MADISON GAS & ELECTRIC CO SYCAMORE STATI		4	39	0	4				
55	31	816010910	3976	GORDON DIESEL PLANT		2	0	0	0				
55	39	420101660	7203	ALLIANT ENERGY (FKA WISC. POWER & LIGHT)		8	103	69	8				
55	43	122014530	4054	WIS PWR & LIGHT-NELSON DEWEY GEN STATION		8	4,780	11,323	90				
55	55	128085210	55011	LSP WHITEWATER COGENERATION FACILITY		5	73	3	19				
55	57	729011580	4130	NEW LISBON ELECTRIC & WATER DEPT		7	7	0	0				
55	59	230006260	6170	WIS ELECTRIC POWER PLEASANT PRAIRIE STAT		10	21,389	32,131	941				
55	59	230052240	54661	PHEASANT RUN RDF GAS POWER PLT		3	24	1	3				
55	59	230094810	7270	WIS ELECTRIC POWER CO - PARIS		8	606	1	58				

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55	61	431022790	8024	WI PUBLIC SERVICE CORP KEWAUNEE PLANT		4	0	0	0				
55	63	632022820	4005	NORTHERN STATES PWR CO FRENCH ISLAND GEN		4	279	103	193				
55	71	436034500	4046	WIS ELECTRIC POWER POINT BEACH STATION		1	14	1	1				
55	71	436035930	4125	MANITOWOC PUBLIC UTILITIES		15	855	3,096	102				
55	73	737009020	4078	WIS PUBLIC SERVICE CORP - WESTON PLANT		25	6,640	12,427	347				
55	75	438089190	4076	WIS PUBLIC SERVICE CORP		7	333	4	19				
55	79	241007690	4041	WIS ELECTRIC POWER OAK CREEK STATION		10	9,769	19,997	685				
55	79	241007800	4042	WIS ELECTRIC POWER VALLEY STATION		8	3,664	14,635	728				
55	79	241027050	7549	MILWAUKEE COUNTY POWER PLANT		5	405	863	2				
55	79	241168620	50576	WASTE MANAGEMENT OF WIS.INC. METRO RDF	yes	2	42	0	17	1	0	0	0
55	87	445012370	54842	OUTAGAMIE CO LANDFILL COGENERATION FACIL	yes	3	22	1	1	1	0	0	0
55	89	246004000	4040	WIS ELECTRIC POWER PT WASHINGTON STATION		9	2,267	13,378	509				
55	95	649013860	4020	NORTHWESTERN WISCONSIN ELECTRIC COMPANY		6	5	0	0				
55	99	851009280	3984	NORTHERN STATES POWER CO - FLAMBEAU GEN		1	44	0	4				
55	105	154003630	4048	WIS PWR & LIGHT BLACKHAWK GEN STATION		2	26	0	1				
55	105	154003740	4057	WIS PWR & LIGHT-ROCK RIVER GEN STATION		14	318	15	12				
55	105	154009900	4059	WIS PWR & LIGHT SHEEPSKIN		2	15	0	1				
55	117	460033090	4050	EDGEWATER		1	13,091	17,892	467				
55	123	663020930	4143	DAIRYLAND POWER COOP GENOA STATION-EOP		4	4,080	12,135	592				
55	125	764084860	4062	WIS PUBLIC SERVICE CORP-EAGLE RIVER PEAK		2	10	0	1				
55	127	265128270	55013	WASTE MANAGEMENT - MALLARD RIDGE	yes	1	26	1	0	2	0	0	3
55	131	267006190	6253	WIS ELECTRIC POWER GERMANTOWN STATION		8	262	60	14				
55	139	471013510	50936	WINNEBAGO COUNTY LANDFILL	yes	1	12	1	0	1	0	0	0
55	139	471033640	4127	MENASHA ELEC & WATER UTIL		2	58	94	5				
56	5	00002	4150	BLACK HILLS POWER & LGHT SIMPSON 1		3	640	847	16				
56	5	00046	6101	PACIFICORP_WYODAK		9	4,601	8,214	602				
56	5	00063	7504	BLACK HILLS POWER & LGT_SIMPSON 2		7	784	719	326				
56	9	00001	4158	PACIFICORP_DAVE JOHNSTON		6	13,912	18,586	1,036				
56	23	00004	4162	PACIFICORP_NAUGHTON POWER PLANT		14	12,844	21,734	1,900				
56	31	00001	6204	BASIN ELECTRIC_LARAMIE RIVER STATION		5	17,995	11,423	2,458				
56	37	01002	8066	PACIFICORP_JIM BRIDGER		28	34,131	23,834	4,658				
56	45	00005	4151	BLACK HILLS OSAGE		6	1,504	2,926	165				
				National Totals		**10613**	**4,937,401**	**10,901,129**	**598,937**	**910**	**25,078**	**30,458**	**3,341**

Appendix D
2010 CAIR $PM_{2.5}$ and Ozone Concentrations

The following map contains the 2010 CAIR $PM_{2.5}$ and Ozone concentrations for the 432 counties included in the analysis.

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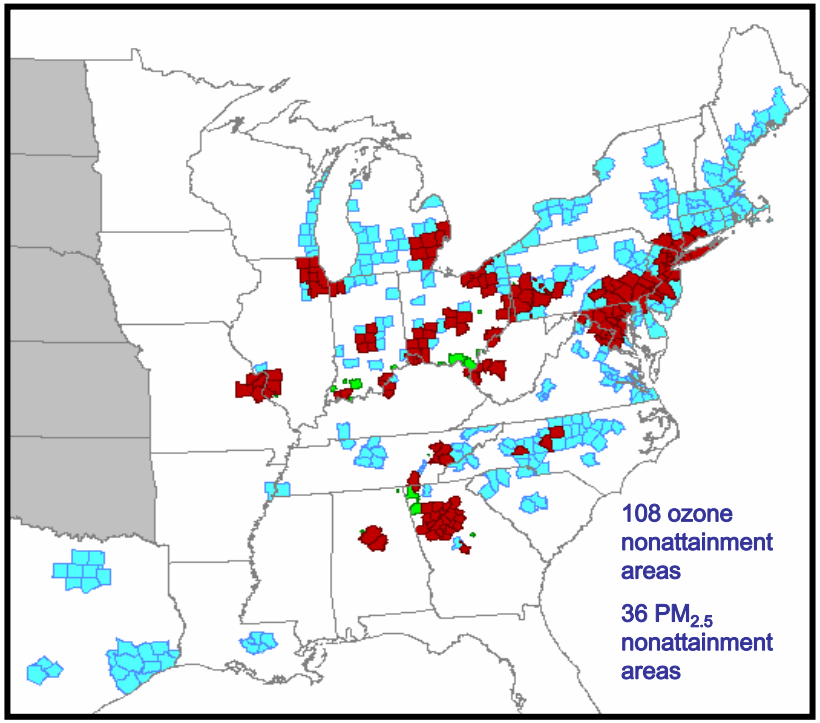
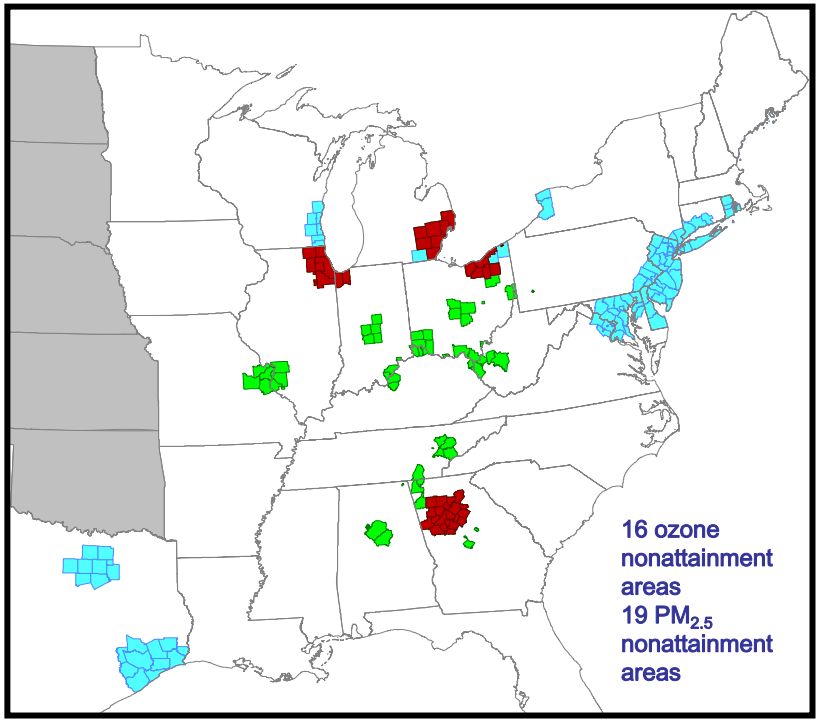
Ozone and Particle Pollution: CAIR, together with other Clean Air Programs, Will Bring Cleaner Air to Areas in the East - 2010

Ozone and Fine Particle Nonattainment Areas (April 2005)



Projected Nonattainment Areas in 2010 after Reductions from CAIR and Existing Clean Air Act Programs



Nonattainment areas for 8-hour ozone pollution only

Nonattainment areas for fine particle pollution only .

Nonattainment areas for both 8-hour ozone and fine particle pollution

Projections concerning future levels of air pollution in specific geographic locations were estimated using the best scientific models available. They are estimations, however, and should be characterized as such in any description. Actual results may vary significantly if any of the factors that influence air quality differ from the assumed values used in the projections shown here.

Appendix F
2015 CAIR $PM_{2.5}$ and Ozone Concentrations

The following map contains the 2015 CAIR $PM_{2.5}$ and Ozone concentrations for the 432 counties included in the analysis.

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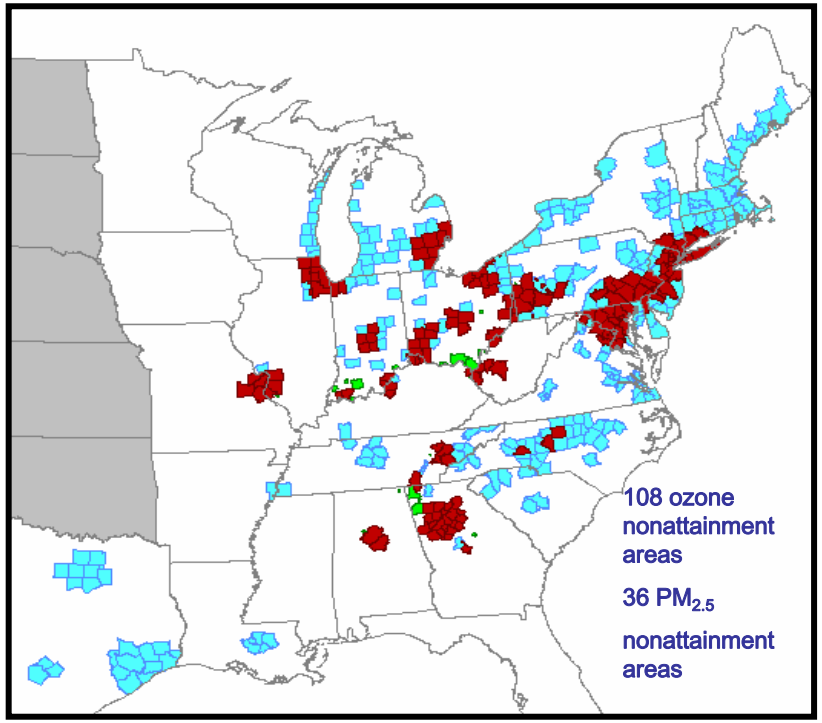
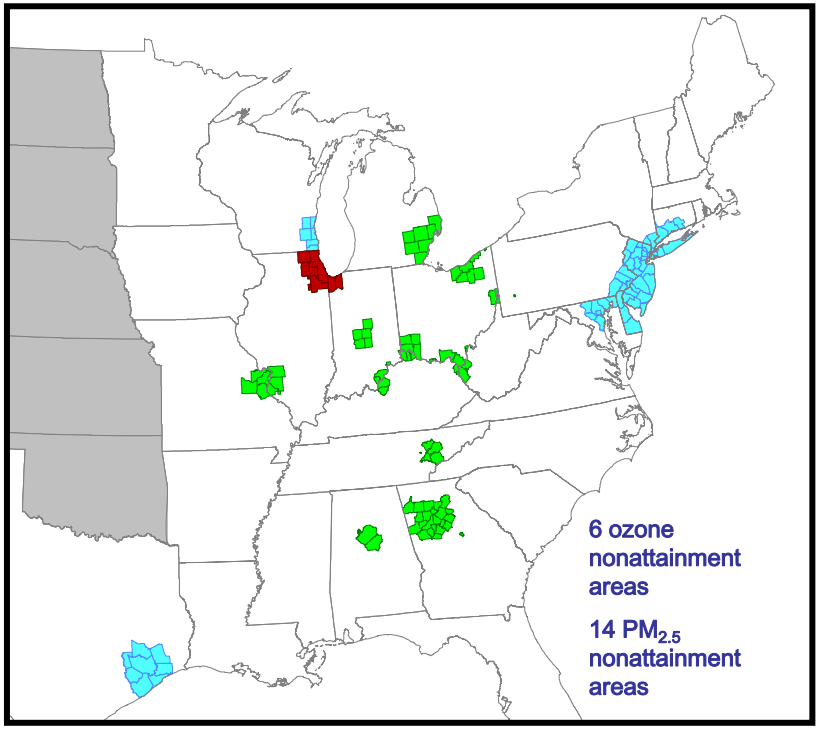
Ozone and Particle Pollution: CAIR, together with other Clean Air Programs, Will Bring Cleaner Air to Areas in the East - 2015

Ozone and Fine Particle Nonattainment Areas (April 2005)



Projected Nonattainment Areas in 2015 after Reductions from CAIR and Existing Clean Air Act Programs



Nonattainment areas for 8-hour ozone pollution only

Nonattainment areas for fine particle pollution only

Nonattainment areas for both 8-hour ozone and fine particle pollution

Projections concerning future levels of air pollution in specific geographic locations were estimated using the best scientific models available. They are estimations, however, and should be characterized as such in any description. Actual results may vary significantly if any of the factors that influence air quality differ from the assumed values used in the projections shown here.

Appendix G
Table of High Ozone Readings

The following table shows the four high ozone readings for the years 2003-2005 for five localities included in the back trajectory analysis.

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Appendix G

	Site Name	Site ID	Lat/Long	1st Max 8-hr	2nd Max 8-hr	3rd Max 8-hr	4th Max 8-hr
Chicago MSA							
2003	Evanston	17-031-7002	42.0622 / -87.6736	0.091 (7/4)	0.089 (7/5)	0.082 (7/1)	0.082 (7/2)
2004	Evanston	17-031-7002	42.0622 / -87.6736	0.082 (7/20)	0.08 (9/12)	0.076 (8/3)	0.075 (9/2)
2005	Zion	17-097-1007	42.4669 / -87.8103	0.097 (7/10)	0.094 (8/9)	0.09 (8/1)	0.09 (8/2)
Door Co. Wisc.							
2003	Newport	55-029-0004	45.2378 / -86.9936	0.118 (6/25)	0.102 (6/23)	0.1 (6/24)	0.093 (8/20)
2004	Newport	55-029-0004	45.2378 / -86.9936	0.088 (6/6)	0.086 (9/23)	0.083 (6/7)	0.078 (6/8)
2005	Newport	55-029-0004	45.2378 / -86.9936	0.108 (8/2)	0.106 (6/27)	0.103 (8/3)	0.101 (6/23)
St. Louis MSA							
2003	West Alton	29-183-1002	38.8708 / -90.2244	0.097 (8/26)	0.095 (6/24)	0.094 (7/31)	0.091 (7/17)
2004	Maryville	17-119-1009	38.7267 / -89.9592	0.082 (6/14)	0.081 (7/16)	0.080 (7/21)	0.078 (8/1)
2005	East St. Louis	17-163-0010	38.6122 / -90.1603	0.110 (6/28)	0.103 (8/10)	0.101 (6/21)	0.094 (6/22)
Kenosha Co. Wisc.							
2003	Chiwaukee	55-059-0019	42.5047 / -87.8111	0.097 (6/24)	0.095 (6/25)	0.091 (6/23)	0.088 (8/20)
2003	UW-Parkside	55-059-0022	42.6528 / -87.8494	0.092 (6/24)	0.090 (6/23)	0.090 (8/20)	0.088 (6/25)
2004	Chiwaukee	55-059-0019	42.5047 / -87.8111	0.097 (7/20)	0.086 (9/12)	0.079 (9/23)	0.078 (9/2)
2005	Chiwaukee	55-059-0019	42.5047 / -87.8111	0.103 (6/27)	0.100 (8/9)	0.095 (7/17)	0.093 (8/2)
Ozaukee Co. Wisc.							
2003	Harrington Beach	55-089-0009	43.4981 / -87.8100	0.112 (6/24)	0.103 (6/25)	0.100 (6/23)	0.099 (8/20)
2004	Grafton	55-089-0008	43.3431 / -87.9208	0.082 (9/12)	0.080 (7/20)	0.074 (6/6)	0.073 (9/5)
2004	Harrington Beach	55-089-0009	43.4981 / -87.8100	0.081 (9/12)	0.078 (9/23)	0.076 (3/31)	0.073 (8/8)
2005	Harrington Beach	55-089-0009	43.4981 / -87.8100	0.110 (8/2)	0.107 (6/27)	0.104 (8/9)	0.094 (7/17)

Source: AQS Quick Look Report: AMP450, August 15, 2006.

Appendix H
Back Trajectories

Trajectories modeled from multiple localities during the four highest ozone readings in the years 2003-2005. The trajectories were produced by HYSPLIT from the NOAA ARL website.

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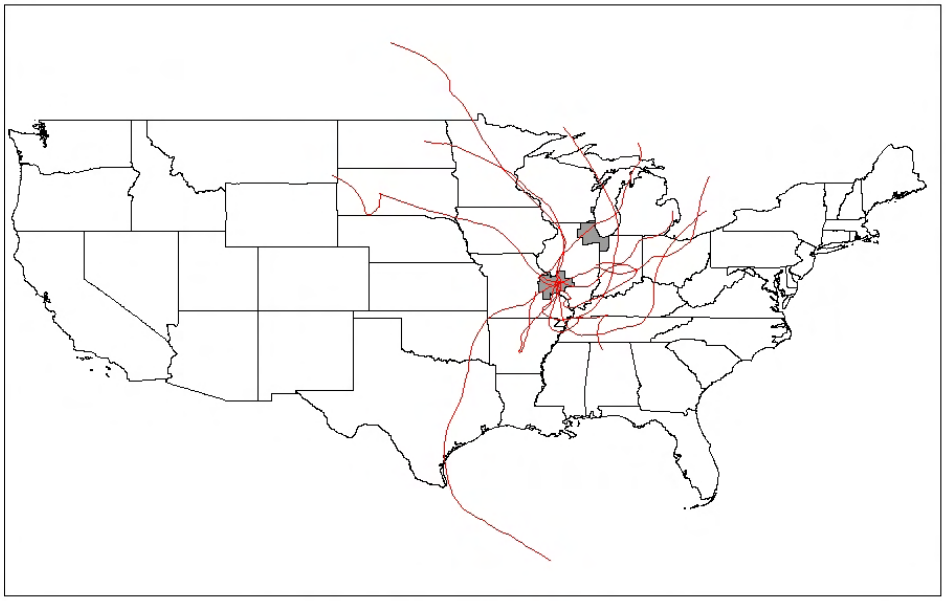
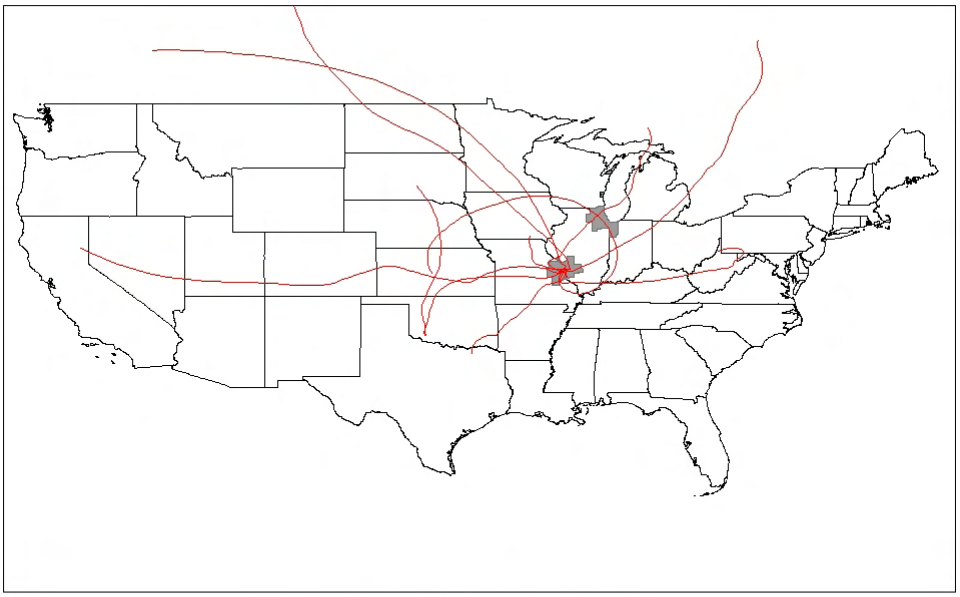
St. Louis MSA



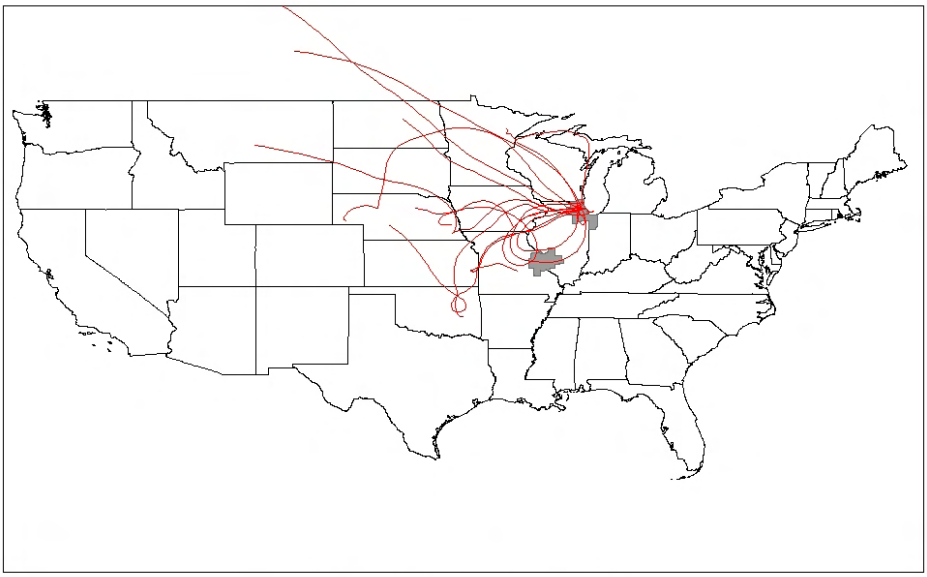
Trajectory Direction: Backward
Duration: 72 hours
Meters AGL: 500
Produced with HYSPLIT from the NOAA ARL website
(http://www.arl.noaa.gov/ready/)



Trajectory Direction: Backward
Duration: 72 hours
Meters AGL: 1500
Produced with HYSPLIT from the NOAA ARL Website
(http://www.arl.noaa.gov/ready/)

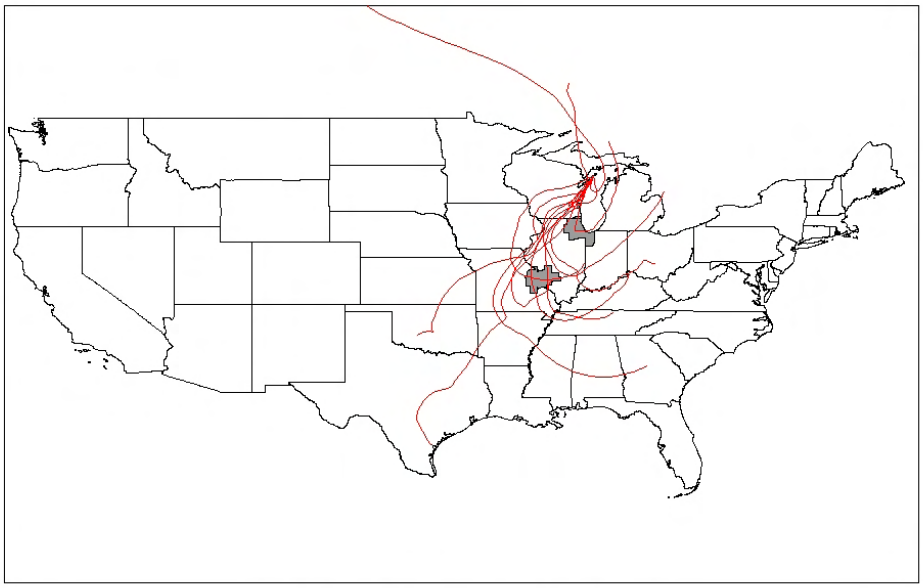
Chicago MSA

Trajectory Direction: Backward
Duration: 72 hours
Meters AGL: 500
Produced with HYSPLIT from the NOAA ARL website
(http://www.arl.noaa.gov/ready/)

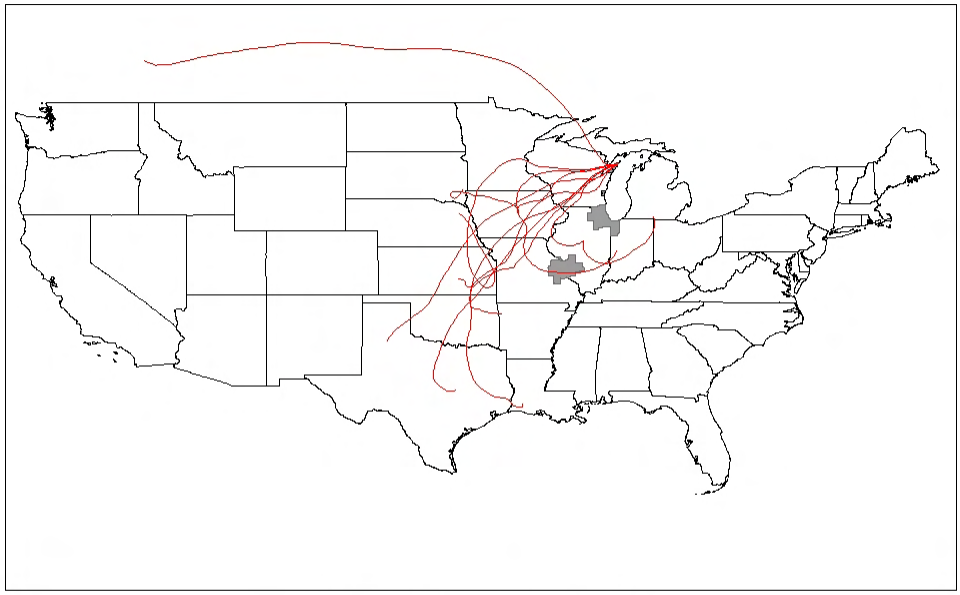


Trajectory Direction: Backward
Duration: 72 hours
Meters AGL: 1500
Produced with HYSPLIT from the NOAA ARL Website
(http://www.arl.noaa.gov/ready/)

Door County, WI

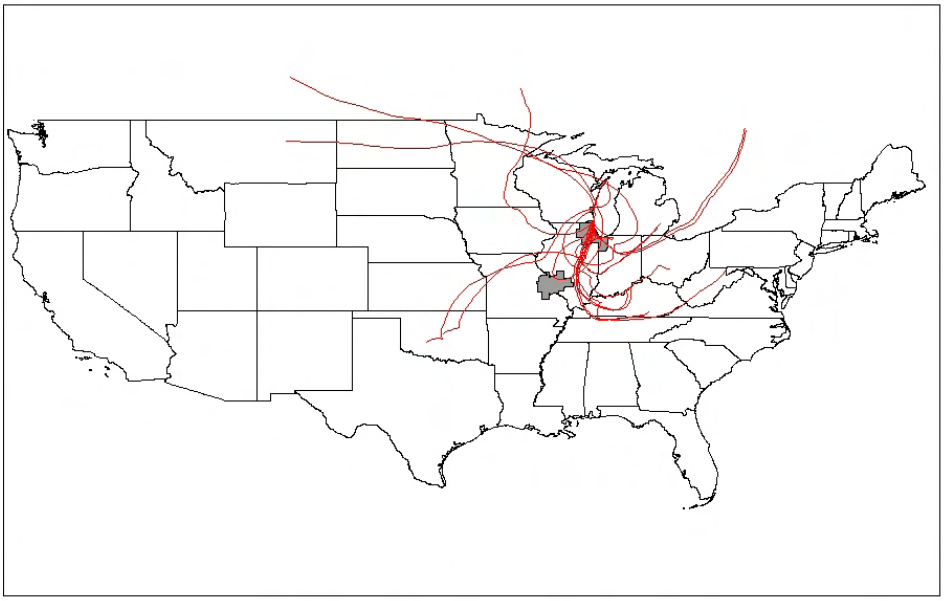


Trajectory Direction: Backward
Duration: 72 hours
Meters AGL: 500
Produced with HYSPLIT from the NOAA ARL website
(http://www.arl.noaa.gov/ready/)

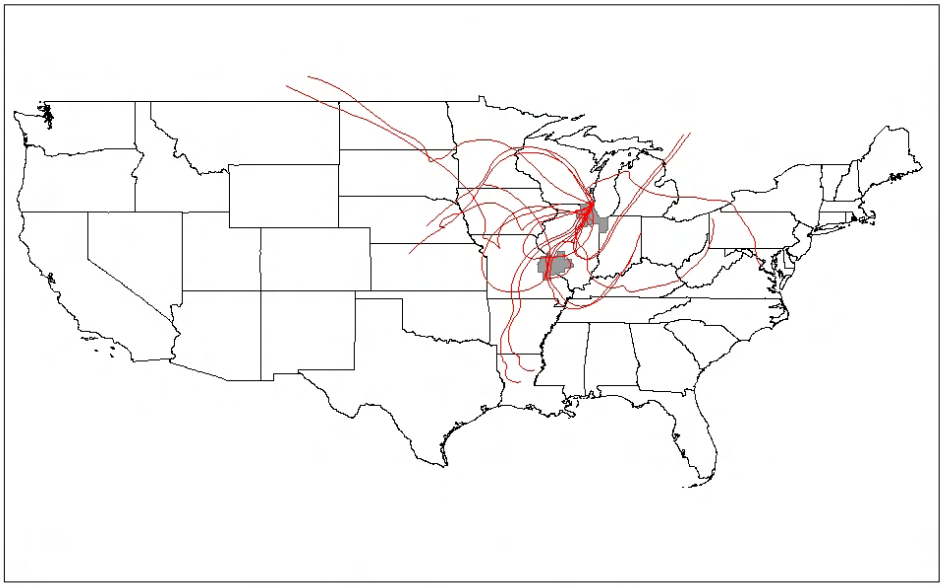


Trajectory Direction: Backward
Duration: 72 hours
Meters AGL: 1500
Produced with HYSPLIT from the NOAA ARL Website
(http://www.arl.noaa.gov/ready/)

Kenosha County, WI

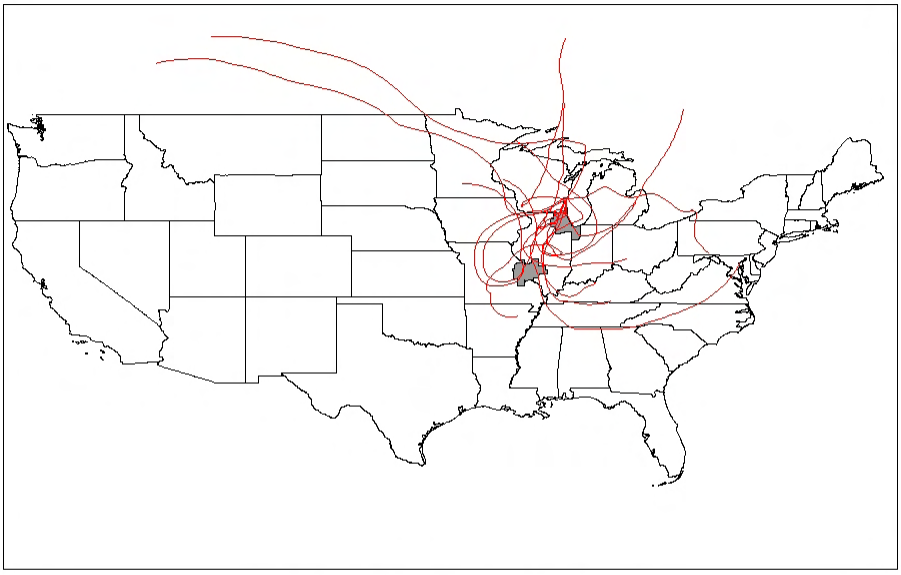


Trajectory Direction: Backward
Duration: 72 hours
Meters AGL: 500
Produced with HYSPLIT from the NOAA ARL website
(http://www.arl.noaa.gov/ready/)

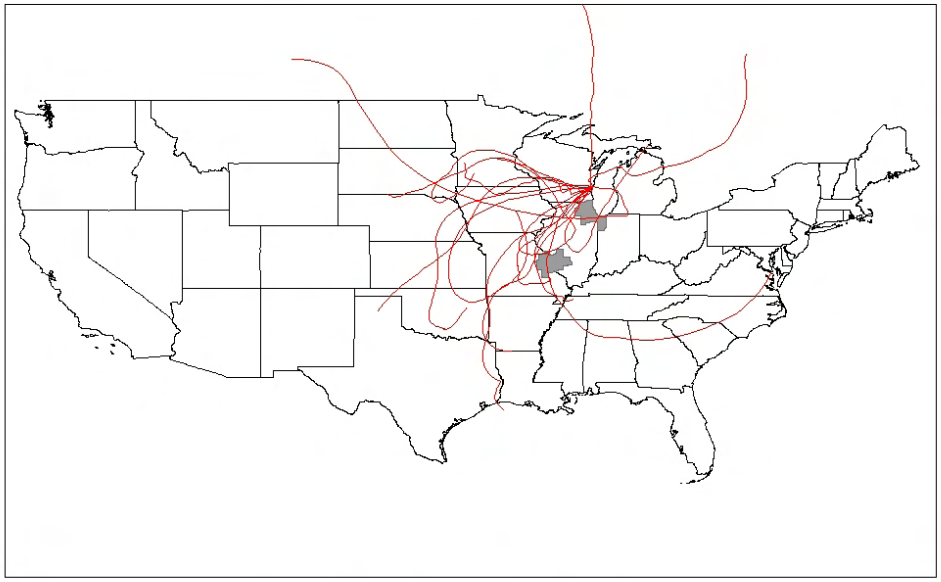


Trajectory Direction: Backward
Duration: 72 hours
Meters AGL: 1500
Produced with HYSPLIT from the NOAA ARL Website
(http://www.arl.noaa.gov/ready/)

Ozaukee County, WI

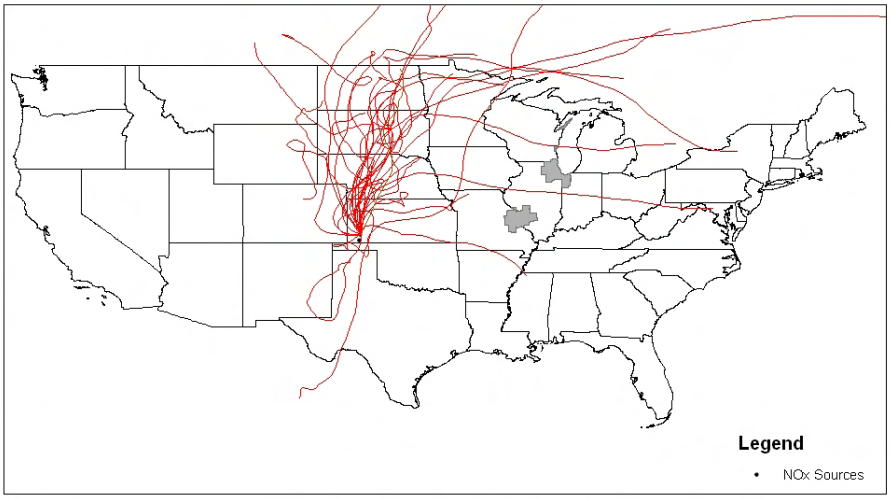


Trajectory Direction: Backward
Duration: 72 hours
Meters AGL: 500
Produced with HYSPLIT from the NOAA ARL website
(http://www.arl.noaa.gov/ready/)

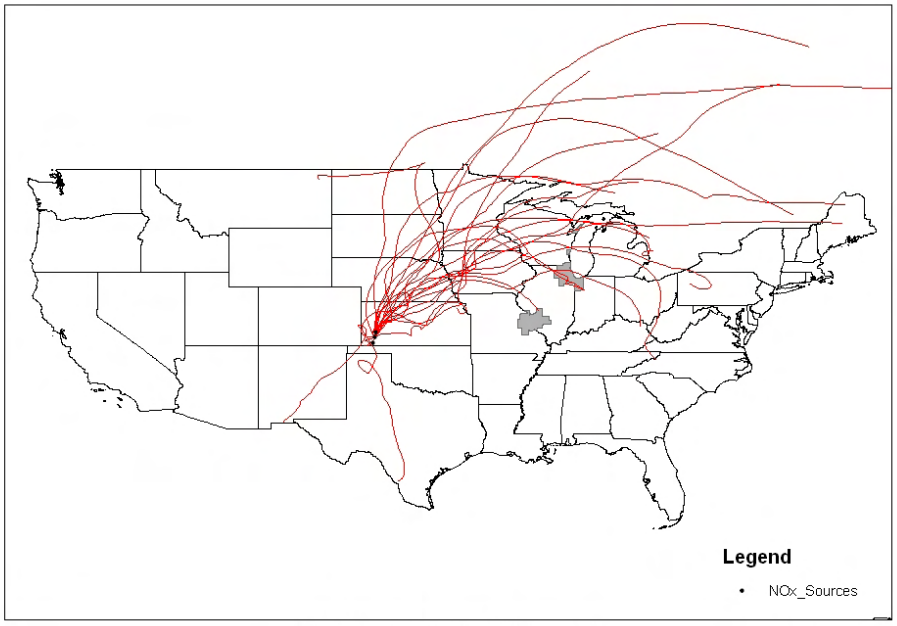


Trajectory Direction: Backward
Duration: 72 hours
Meters AGL: 1500
Produced with HYSPLIT from the NOAA ARL Website
(http://www.arl.noaa.gov/ready/)

Forward Trajectories



Trajectory Direction: Forward
Duration: 72 hours
Meters AGL: 500
Produced with HYSPLIT from the NOAA ARL website
(http://www.arl.noaa.gov/ready/)



Trajectory Direction: Forward
Duration: 72 hours
Meters AGL: 1500
Produced with HYSPLIT from the NOAA ARL website
(http://www.arl.noaa.gov/ready/)

Lat/Long: 37.5867/-101.075

Citation

Draxler, R.R. and Rolph, G.D., 2003. HYSPLIT (HYbrid Single-Particle Lagrangian Integrated Trajectory) Model access via NOAA ARL READY Website (http://www.arl.noaa.gov/ready/hysplit4.html). NOAA Air Resources Laboratory, Silver Spring, MD.

Rolph, G.D., 2003. Real-time Environmental Applications and Display sYstem (READY) Website (http://www.arl.noaa.gov/ready/hysplit4.html). NOAA Air Resources Laboratory, Silver Spring, MD.