



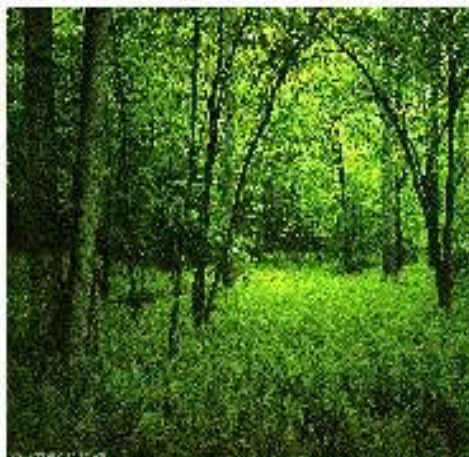
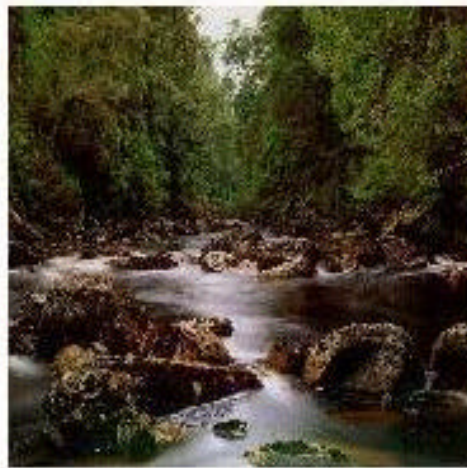
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Agency

Office of Air and Radiation
Clean Air Markets Division
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Acid Rain Program: Annual Progress Report, 2000

Compliance and Emissions Trends



www.epa.gov/airmarkets

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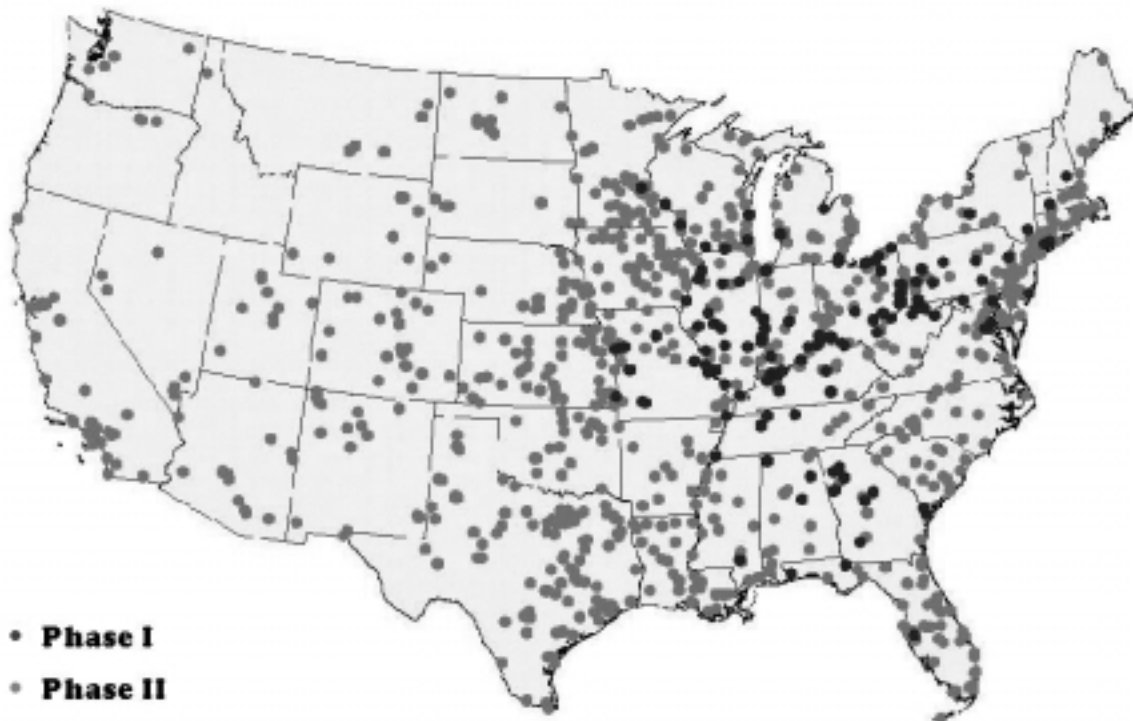
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BACKGROUND

The Acid Rain Program was established under Title IV of the 1990 Clean Air Act Amendments (“the Act”). The program calls for major reductions of sulfur dioxide (SO₂) and nitrogen oxides (NO_x), the pollutants that cause acid rain. Using a new, market-based approach to environmental protection, the program sets a permanent cap on the total amount of SO₂ that may be emitted by electric utilities nationwide at about one half of the amount emitted in 1980, and allows flexibility for individual utility combustion units to select their own methods of compliance. The program also sets NO_x emission limitations (in lb/mmBtu) for certain electric utility boilers, representing about a 27 percent reduction from 1990 levels. The Acid Rain Program is being implemented in two phases: Phase I ran from 1995 through 1999 for SO₂ and from 1996 through 1999 for NO_x; Phase II for both pollutants began in 2000 and involves over 2,000 units (Exhibit 1). In 2000, there were 2,262 units affected by the SO₂ provisions of the Acid Rain Program, meaning they operated, submitted emissions data for SO₂, and were subject to annual reconciliation of allowable emissions with actual emissions. Additionally, 1,046 of these units were required to meet a NO_x emissions limit under the Acid Rain Program provisions.

Exhibit 1
Affected Sources under the Acid Rain Program



The SO₂ component of the Acid Rain Program represents a dramatic departure from traditional command and control regulatory methods that establish source-specific emissions limitations. Instead, the program introduces a trading system for SO₂ that facilitates lowest-cost emissions reductions and an overall emissions cap that ensures the achievement and maintenance of the environmental goal. The program features tradeable SO₂ emissions allowances, where one allowance is a limited authorization to emit one ton of SO₂. Allowances may be bought, sold, or banked by utilities, brokers, or anyone else interested in holding them. Existing utility units were allocated allowances for each future compliance year and all participants of the program are obliged to surrender to EPA the number of allowances that correspond to their annual SO₂ emissions.

The NO_x component of the Acid Rain Program uses a more traditional management approach, and establishes an emission rate limit for certain types of coal-fired boilers. Flexibility is introduced to this command and control measure, however, through compliance options such as emissions averaging, whereby a utility can meet the standard emission limitations by averaging the emissions rates of two or more boilers. This allows utilities to over-control at units where it is technically easier to control emissions, thereby achieving emissions reductions at a lower cost. Additionally, certain Phase II units elected to become subject to Phase I limits beginning in 1997. These early election units are not subject to the more stringent Phase II limits until 2008.

At the end of each year, utilities must demonstrate compliance with the provisions of the Acid Rain Program. For SO₂, utilities are granted a 60-day grace period during which additional SO₂ allowances may be purchased, if necessary, to cover each unit's emissions for the year. At the end of the grace period (the Allowance Transfer Deadline), the allowances a unit holds in its Allowance Tracking System (ATS) account must equal or exceed the unit's annual SO₂ emissions. Any remaining SO₂ allowances may be sold or banked for use in future years. For the NO_x portion of the program, utilities must achieve an annual emission rate at or below mandated levels.

Multiple Benefits of Reducing Acid Rain

Acid deposition, or acid rain as it is commonly known, occurs when emissions of sulfur dioxide (SO₂) and oxides of nitrogen (NO_x) react in the atmosphere (with water, oxygen, and oxidants) to form various acidic compounds which then fall to earth in either wet form (rain, snow, and fog) or dry form (gases and particles). Prevailing winds transport the compounds, sometimes hundreds of miles, across state and national borders. SO₂ and NO_x gases and their particulate matter derivatives, sulfates and nitrates, contribute to many negative environmental effects: air quality impairment and impacts to public health, acidification of lakes and streams, damage to forest ecosystems, visibility degradation, and acceleration of the decay of building materials, paints and cultural artifacts, including buildings, statues, and sculptures.

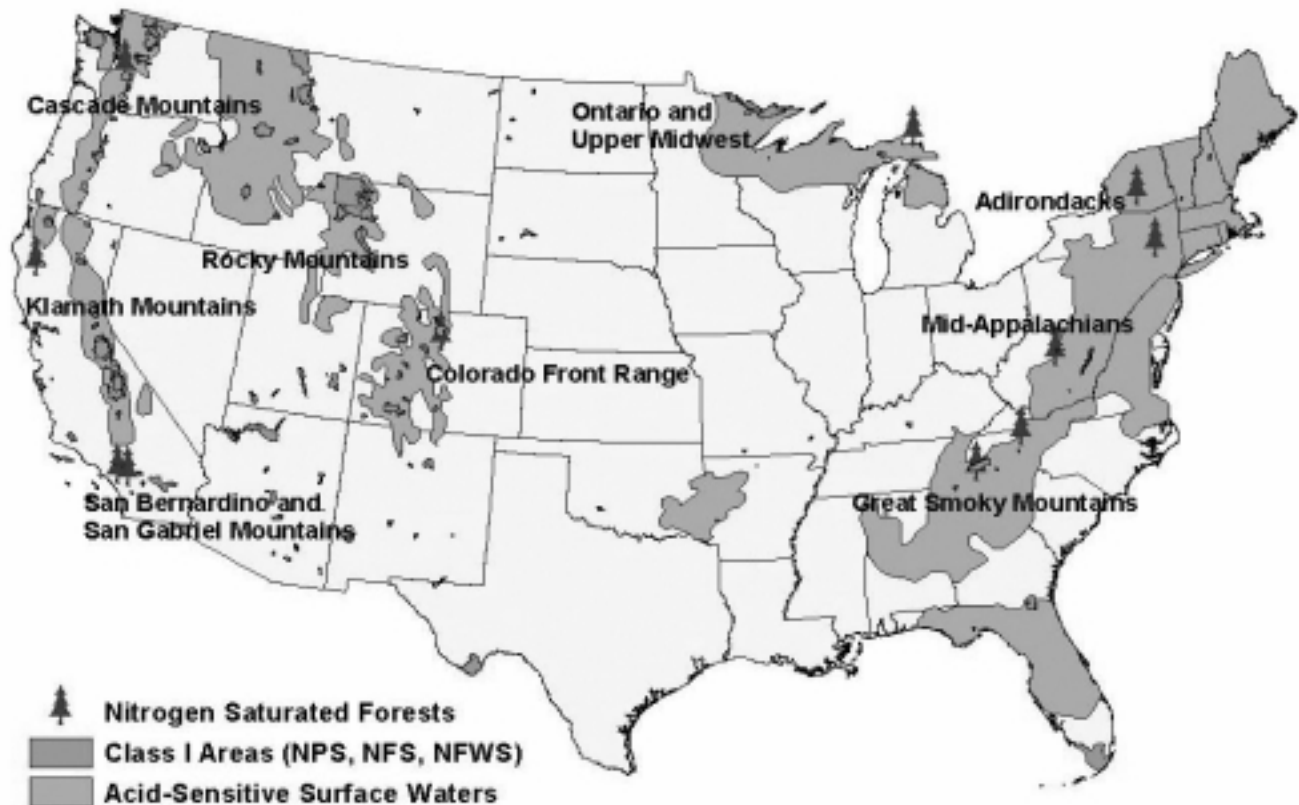
By reducing the pollutants that cause acid rain, significant environmental and health benefits are being achieved.



Exhibit 2 illustrates the geographic extent of multiple sensitive resources in the United States: nitrogen-saturated forests (forests where excess nitrogen deposition has resulted in long-term changes in soil chemistry, leading to nitrogen saturation; saturated, the soil can no longer retain nutrients, leaving forests more vulnerable to the effects of air pollutants and other stresses); Class 1 areas (national parks, forests and wilderness areas with stringent protection from visibility impairment); and acidic surface waters in surveyed regions (lakes and streams with a poor capacity to neutralize acid deposition, i.e., with acid neutralizing capacity less than zero).

As illustrated, many of these sensitive resources affected by air pollution and acid deposition are found in the same parts of the country: Northeast (Adirondacks), Mid-Atlantic (Mid-Appalachians), Southeast (Great Smokies), Upper Midwest, and West (Cascades, Rocky Mountains, Colorado Front Range), including mountain ranges in California (Klamath, San Bernardino and San Gabriel mountains). The significant emission reductions occurring as a result of the Acid Rain Program are expected to benefit many of these sensitive resources.

Exhibit 2
Sensitive Resources:
Nitrogen-Saturated Forests, Class I Areas,
Acidic Surface Waters in Surveyed Regions



The Acid Rain Program's ultimate objective is to protect the environment and improve human health by reducing both SO₂ and NO_x emissions. EPA believes these reductions will benefit the nation by:

- Improving air quality and protecting public health
- Restoring acidified lakes and streams so they can once again support fish and other aquatic life
- Improving visibility, especially at scenic vistas in national parks
- Reducing the damage to forests along the mountain ranges of the East coast
- Protecting our historic buildings and monuments from degradation.

The first step in protecting the environment and human health from acid rain is reducing emissions. The Acid Rain program is proving extremely effective in this regard. At the end of Phase I (1999), SO₂ emissions from the 263 sources affected by Phase I were reduced 50 percent below 1990 levels; NO_x emissions were reduced about 32 percent below 1990 levels.

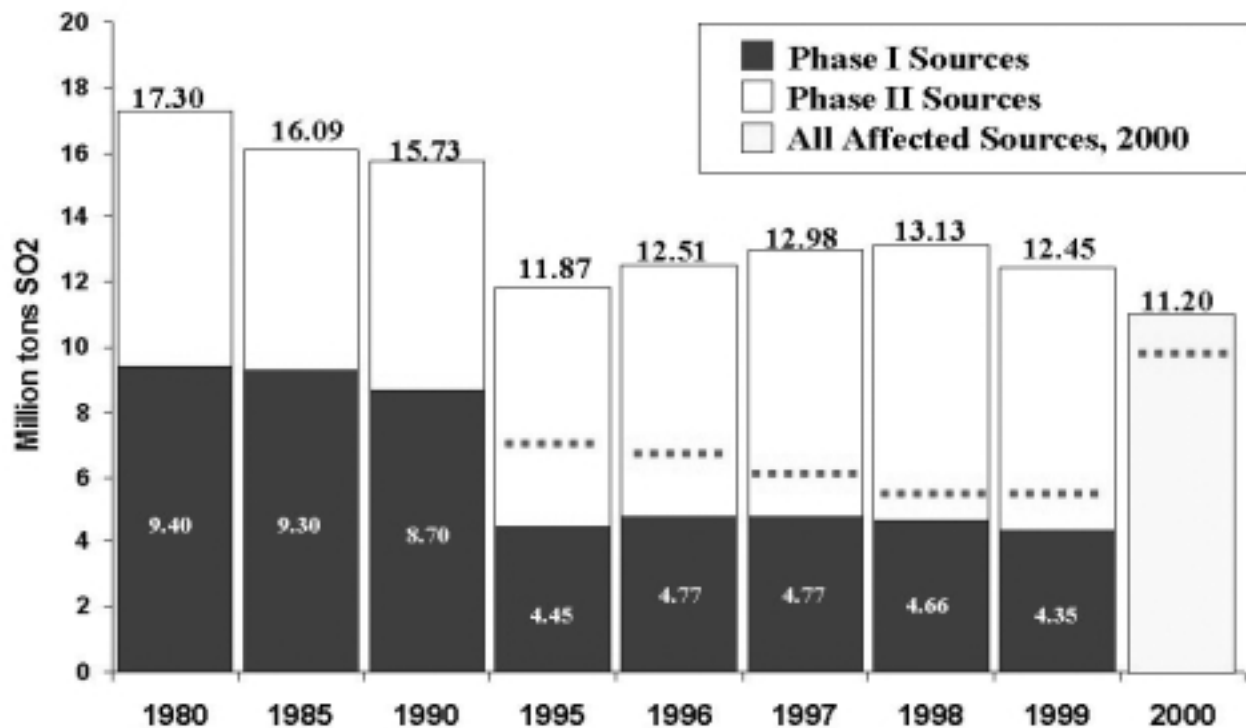
Starting in Phase II (2000), additional units are affected with more stringent SO₂ emissions limitations nationwide. NO_x rates (i.e., the amount of NO_x emitted per unit of coal used) were also reduced (to between 0.40 and 0.86 lbs/mmBtu, depending on the boiler type). In the first year of Phase II, emissions continued to decline. In 2000, SO₂ emissions from power generation were reduced by 1.25 million tons, and emissions of NO_x were reduced by 380,000 tons, from the previous year.

SO₂ PROGRAM COMPLIANCE RESULTS

All Title IV Units Reduce Overall Emissions by 29 Percent from 1990 Levels; 10 Percent from 1999 Levels

In the first year of Phase II, all Title IV sources achieved a total reduction in SO₂ emissions of almost 29 percent, when compared to 1990 levels. Compared to 1999 levels, these units reduced their SO₂ emissions by 10 percent or 1.25 million tons, while increasing their utilization by 2.7 percent. Exhibit 3 illustrates the trend in SO₂ emissions since 1980 for all affected units.

Exhibit 3
National SO₂ Emissions Trend for All Acid Rain Program Affected Units



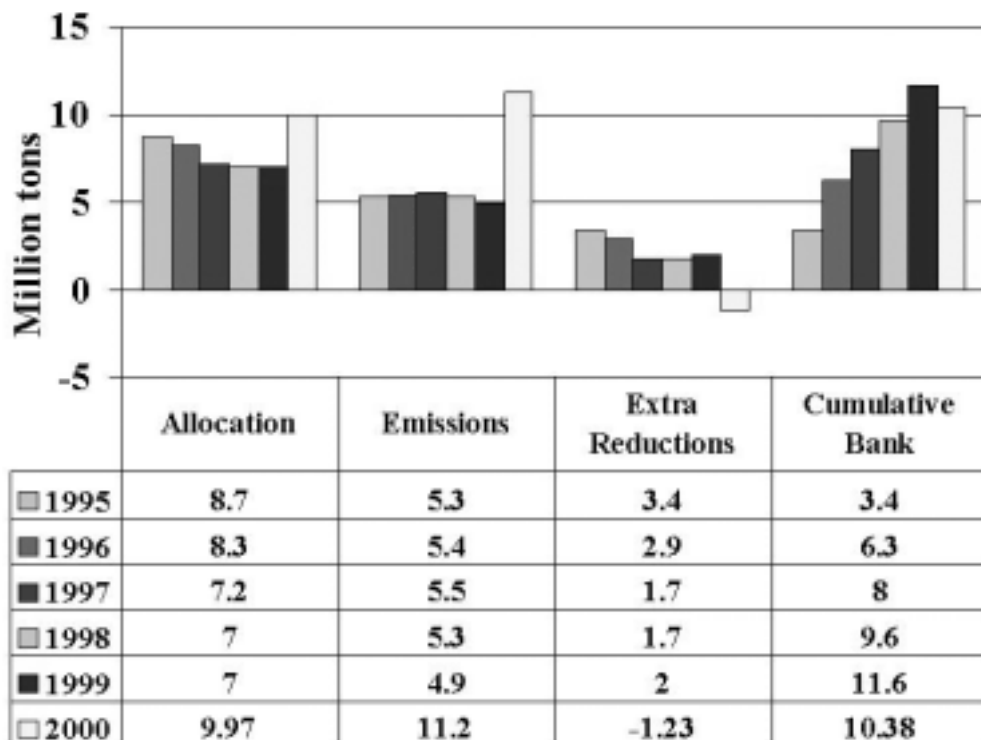
***** 1995-1999: Allowances issued for 263 Phase I units;
2000: Allowances issued for all (Phase I and II) affected sources.

There were 2,262 operating units that underwent annual reconciliation for SO₂ in 2000. (These units are listed on our website at www.epa.gov/airmarkets/cmprpt/arp00/index.html in Appendix A).

The allowances (i.e., authorizations to emit SO₂) allocated in a particular year to each source are determined by several provisions of the Act. For the year 2000, a total of 9.97 million allowances were granted. However, as a result of sources emitting less than their allowance allocations during 1995 through 1999, 11.62 million allowances were saved (or banked). Coupled with the 9.97 million allowances granted in 2000 by the Act, a total of 21.58 million allowances were available for use in 2000. Nevertheless, sources emitted only 11.2 million tons in 2000. However, this was 1.2 million tons more than the allowances granted in 2000, so the bank declined by 1.2 million allowances. (Exhibit 4). The bank is expected to decrease as sources use up these banked allowances to comply with the more stringent Phase II requirements.

Exhibit 4

The SO₂ Allowance Bank: Emissions and Allocations (1995-2000*)



*1995-1999: Phase I sources only;
 2000: Includes both Phase I and II sources

Exhibit 5 explains in more detail the origin of the allowances available for use in the year 2000.

Exhibit 5 Origin of 2000 Allowable Emissions Level

Type of Allowance Allocation	Number of Allowances	Explanation of Allowance Allocation Type
Initial Allocation	9,166,614 ¹	Initial Allocation is the number of allowances granted to units based on the product of their historic utilization and emissions rates (performance standards) specified in the Clean Air Act and other provisions of the Act.
Early Reduction Credits	416,989	Early Reduction Credit allowances were given to eligible Phase II units for voluntary emissions reductions made between January 1, 1995 and January 1, 2000.
Allowances for Substitution Units	10,636	A lawsuit settlement allowed for a small amount of allowances to be allocated for Substitution Units in 2000 instead of an earlier year during Phase I.
Allowance Auctions	250,000	Allowance Auctions provide allowances to the market that were set aside in a Special Allowance Reserve when the initial allowance allocation was made.
Opt-in Allowances	97,824	Opt-in Allowances are provided to units entering the program voluntarily. There were 11 opt-in units in 2000.
Small Diesel Allowances	24,468	Small Diesel Allowances were allocated annually to small diesel refineries that produced and desulfurized diesel fuel during the previous year. These allowances were earned in 1999, which was the last year of the small diesel program.
TOTAL 2000 ALLOCATION	9,966,531	
BANKED ALLOWANCES	11,607,955	Banked Allowances are those held over from 1995 through 1999 which can be used for compliance in 2000 or any future year.
Conservation and Renewable Energy Allowances	9,054	These allowances come from a special reserve set aside when the initial allowance allocation was made. They are awarded to utilities that undertake efficiency and renewable energy measures. These are year 1999 allowances that were allocated in year 2000.
TOTAL 2000 ALLOWABLE	21,583,540	

¹ The total year 2000 initial allocation was 9,191,897. A total of 25,283 allowances were surrendered by units that exceeded their 1999 Phase I Extension projected emissions limit, and were subject to Phase I substitution unit provisions.

Deducting Allowances for Compliance

The total number of allowances deducted in 2000 was 11,202,053. Because a few sources did not hold enough allowances in their allowance tracking system unit accounts to cover their emissions for the 2000 compliance year, 54 year 2001 allowances were taken as “offsets” and included in the total. In addition to the offsets, the operators of these six units were assessed automatic monetary penalties totaling \$144,828.¹ Exhibit 6 displays these allowance deductions, as well as the remaining bank of 1995 through 2000 allowances.

Exhibit 6	
SO₂ Allowance Reconciliation Summary	
Total Allowances Held in Accounts as of 3/1/2001 (1995 through 2000 Vintages)¹	21,583,540
Unit Accounts	15,753,910
General Accounts ²	5,829,630
Allowances Deducted for Emissions (1995 through 2000)	11,201,999
2001 Penalty Allowances Deducted	54
Banked Allowances	10,381,541
Unit Accounts	4,551,911
General Accounts ²	5,829,630

¹ The number of allowances held in the Allowance Tracking System (ATS) accounts equals the number of 2000 allowances allocated (see Exhibit 5) plus the number of banked allowances. March 1, 2001 represents the Allowance Transfer Deadline, the point in time at which unit accounts are frozen and after which no transfers of 1995 through 2000 allowances will be recorded. The freeze on these accounts is removed when annual reconciliation is complete.

² General accounts can be established in the ATS by any utility, individual or other organization.

At an individual unit, the number of allowances surrendered was equal to the number of tons emitted at the unit, except where the unit shared a common stack with other units. For the purposes of surrendering allowances for emissions at a common stack, the utility was allowed to choose the proportion of allowances deducted from each unit sharing the stack, as long as enough allowances were surrendered to cover the total number of tons emitted. If no apportionment was made, EPA deducted allowances equally among the units sharing the stack to cover total emissions reported by the stack.

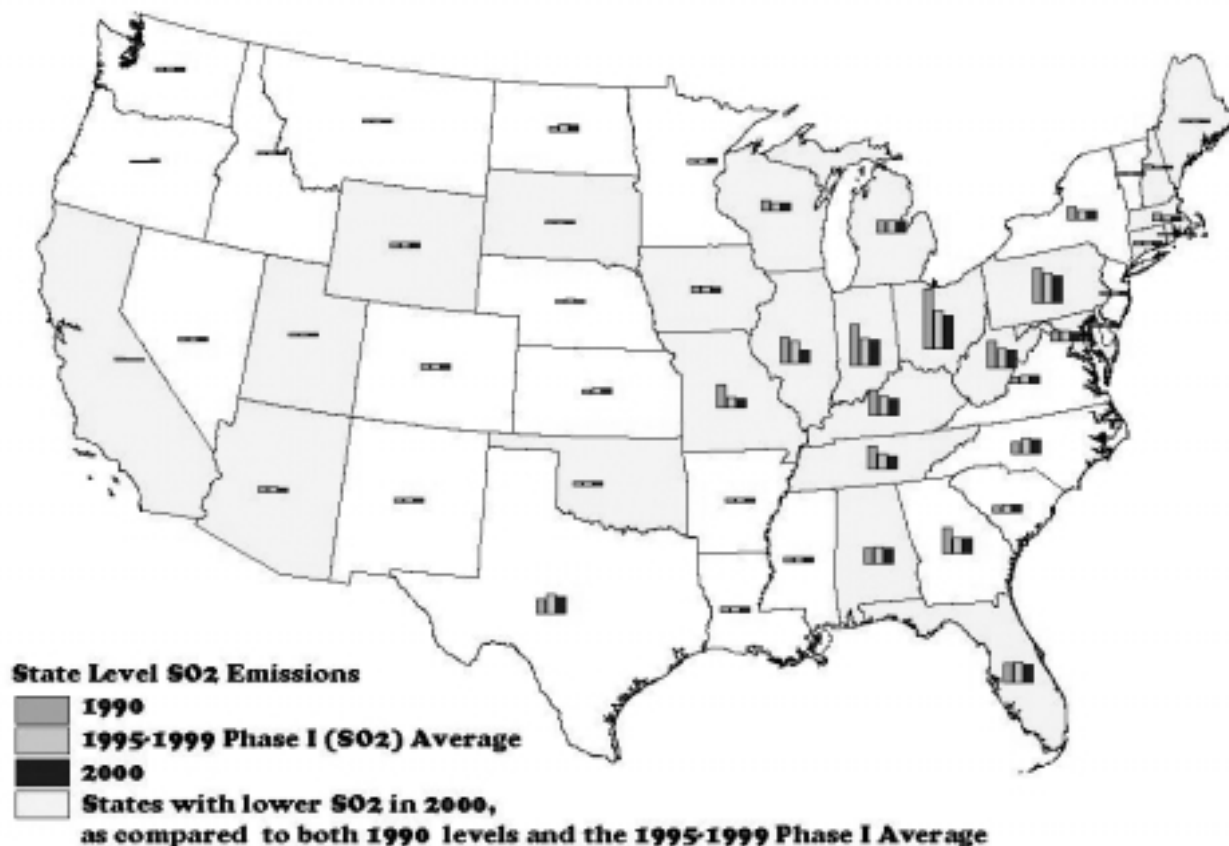
¹ A source that does not hold enough allowances in its unit account to cover its annual SO₂ emissions has “excess emissions” and must pay a \$2000 per ton automatic penalty. The \$2000 penalty is adjusted annually for inflation, so the year 2000 penalty was \$2,682. Total year 2000 monetary penalty = 54 tons of excess emissions x \$2,682 per ton = \$144,828.

Appendix A reflects the deductions for emissions at each unit after the common stack apportionment was made. Units sharing a common stack are listed directly under the entry for their common stack.

Geographic Trends in Sulfur Dioxide Emissions

Total sulfur dioxide emissions from power generation have decreased significantly from 1990 levels, and continue to decline in 2000, the first year of Phase II. Exhibit 7 displays state-level bar graphs illustrating SO₂ emission trends from power generation before the Acid Rain Program (1990), during Phase I (1995-1999 average), and in Phase II (2000).

Exhibit 7
Sulfur Dioxide Emissions from Power Generation:
State-level Bar Graph (1990, 1995-1999 Phase I Average, 2000)



Several geographic trends are shown:

- The bar graphs illustrate that total SO₂ emissions, as well as the greatest reductions, are largely taking place in the Midwest;
- The states colored yellow represent states with lower SO₂ emissions in Phase II (2000), as compared to both 1990 levels and the 1995-1999 Phase I average. Unlike the SO₂ emission reductions achieved during Phase I which occurred predominantly in the Eastern U.S. (since Phase I affected the larger, higher emitting utilities in the Eastern half of the country), these Phase II reductions are geographically more widespread, occurring in a larger number of Western states.

Exhibit 8

**Geographic and Temporal Trends in Sulfur Dioxide Emissions from Power Generation
(1990, 1995-1999 Phase I Average, 2000)**

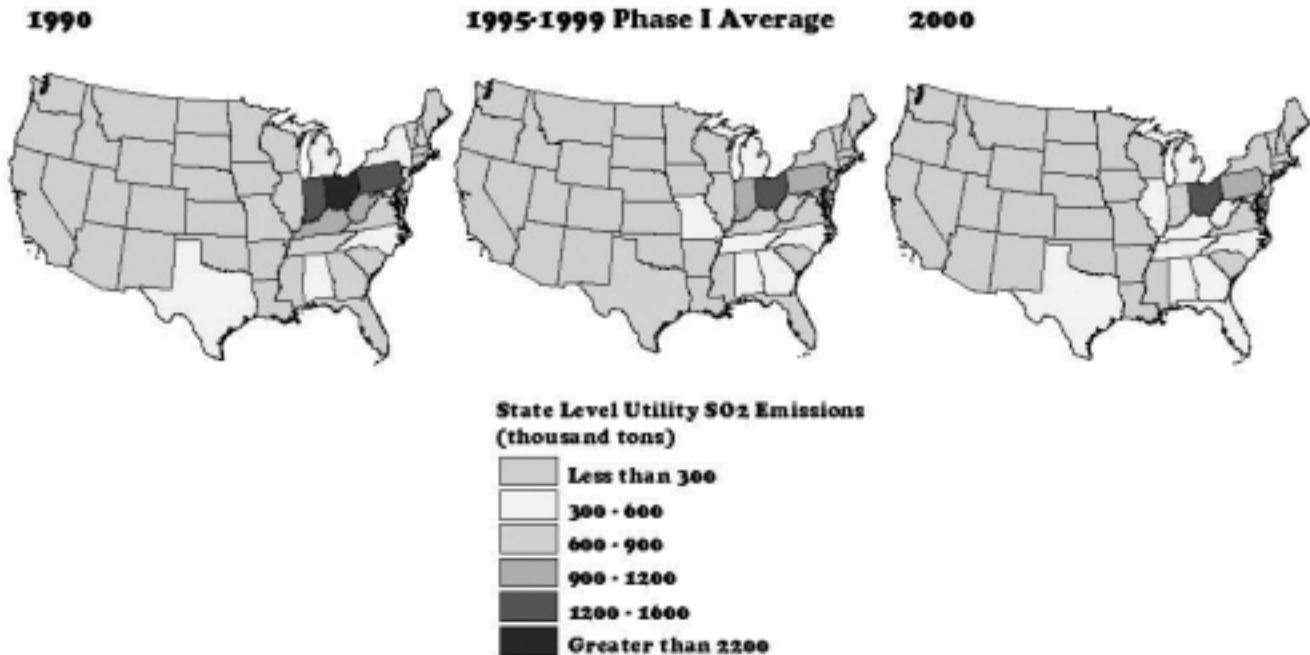


Exhibit 8 illustrates the geographic and temporal trends in state-level sulfur dioxide emissions from power generation before the Acid Rain Program (1990), during Phase I (1995-1999 average), and in Phase II (2000).

In 2000, Title IV sources achieved a 29 percent reduction from 1990 SO₂ levels nationwide. As illustrated in Exhibit 8, although most SO₂ emissions occur in the Midwestern U.S., it is important to note that over time, this same region has also seen the most significant decrease in SO₂ emissions in the country. The highest SO₂ emitting states in 1990 (Ohio, Indiana, and Pennsylvania), have achieved an average reduction of almost 40 percent in 2000 (45 percent, 42 percent, and 23 percent, respectively), as compared to 1990 levels. Other states in the region are showing similar trends: Illinois (52 percent), Kentucky (35 percent), Missouri (71 percent), Tennessee (47 percent) and West Virginia (39 percent), have achieved an average reduction of almost 50 percent since 1990.

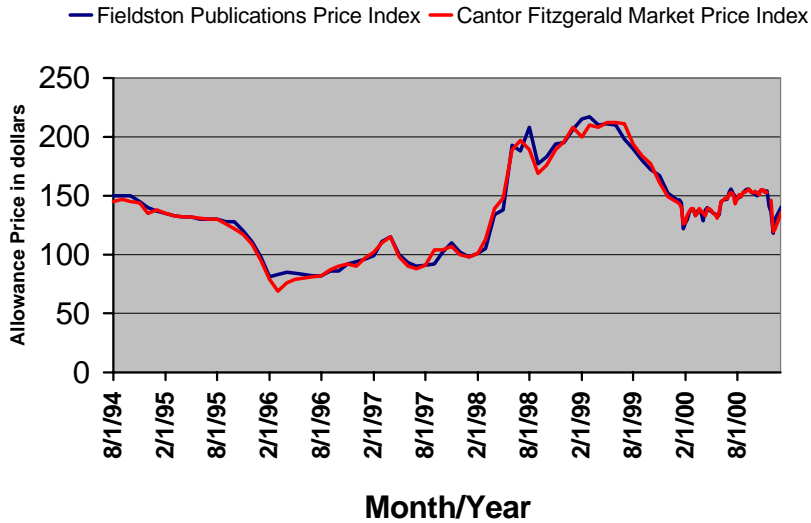
SO₂ ALLOWANCE MARKET

The flexibility provided by the Acid Rain Program enable the 2,262 units subject to the SO₂ requirements in 2000 to pursue a variety of compliance options to meet their SO₂ reduction obligations, including scrubber installation, fuel switching, energy efficiency and allowance trading. The presence of the allowance market has given some sources the incentive to reduce their SO₂ emissions below the level of their allowance allocation in order to bank their allowances for use in future years. Other sources have been able to postpone and possibly avoid expenditures for control by acquiring allowances from sources that controlled below their allowance allocation level. The flexibility in compliance options is possible because of the accountability provided through strict monitoring requirements for all affected units that ensure one allowance is equivalent to one ton of SO₂. The program's flexibility significantly reduced the cost of achieving these emissions reductions as compared to the cost of a technological mandate.

The marginal cost of reducing a ton of SO₂ from the utility sector should be reflected in the price of an allowance. The cost of reductions continues to be lower than anticipated when the Clean Air Act Amendments were enacted, and the price of allowances reflects this. The cost of compliance was initially estimated at \$400-1000/ton, however during 2000, SO₂ allowances ranged in price from \$130/ton to \$155/ton. At the time of the allowance auction, allowances were approximately \$135/ton. The price rose through June, peaking at \$155/ton. During the second half of 2000, prices dropped down to \$130/ton but showed signs of a rebound at the very end of the year. Some market observers believe lower than expected allowances prices during the first several years of the program were due primarily to lower than expected compliance costs and larger than expected emissions reductions, which have increased the supply of allowances and put downward pressure on prices. Additionally, Phase II's more stringent limits most likely fueled the end-of-year price increases as sources realized they would have to withdraw from the bank to comply. Exhibit 9 displays the price trend since mid-1994, based on monthly price reports from Cantor Fitzgerald Environmental Brokerage Services, and a market survey conducted by Fieldston Publications.

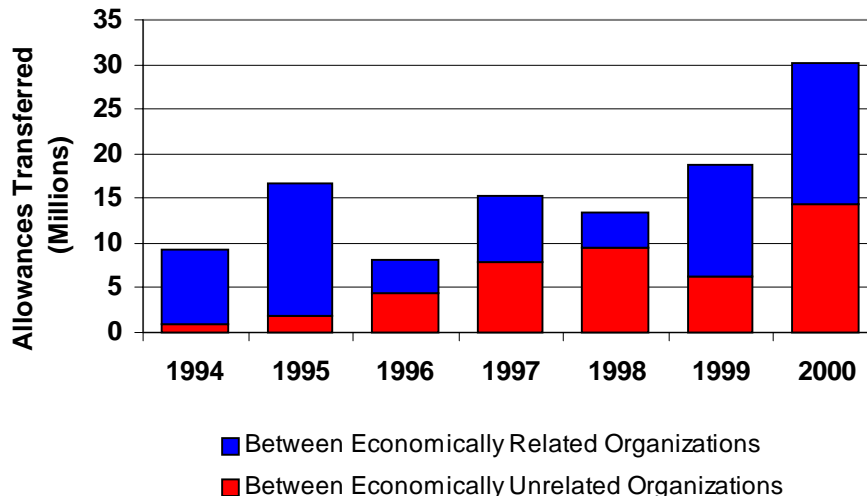
The level of activity in the allowance market created under the Acid Rain Program increased in 2000 compared to earlier years, with the increase in the number of sources required to comply with Phase II of the program.

Exhibit 9 SO₂ Allowance Price Indices



In 2000, 4,690 allowance transfers were recorded in the Allowance Tracking System, the accounting system developed to track holdings of allowances, moving about 30 million allowances. Of the allowances transferred, 12.7 million, or 42 percent, were transferred in economically significant transactions, i.e. between unrelated parties. Exhibit 10 shows the volume of SO₂ allowances traded under the Acid Rain Program since official recordation of trades began in 1994. The majority of the allowances transferred in economically significant transactions were acquired by utilities. Trades between unaffiliated utilities accounted for approximately 7 million allowances.

Exhibit 10 SO₂ Allowances Transferred Under the Acid Rain Program



All transactions, along with data on account balances and ownership, are posted on the Clean Air Markets Division's Internet site (www.epa.gov/airmarkets) on a daily basis in order to better inform trading participants. Also available are cumulative market statistics and analysis.

NO_x PROGRAM COMPLIANCE RESULTS

Instead of using allowance trading to facilitate emissions reductions, the Title IV NO_x program establishes standard emission limitations for certain affected units. Title IV of the 1990 Clean Air Act Amendments required EPA to establish NO_x annual average emission limits (in pounds of NO_x per million British thermal units of fuel consumed (lb/mmBtu)) for coal-fired electric utility units. The NO_x program was implemented in two phases.

In April 1995, EPA published regulations which established NO_x emission limits beginning on January 1, 1996 for Group 1 boilers that were also part of the Phase I SO₂ program (Group 1 boilers are dry bottom, wall-fired boilers and tangentially-fired boilers). From 1996 through 1999, Phase I dry bottom wall-fired boilers were subject to a NO_x emission limit of 0.50 lb/mmBtu and Phase I tangentially-fired boilers were subject to a NO_x emission limit of 0.45 lb/mmBtu annually.

In addition, the April 1995 regulations allowed Phase II Group 1 units to use an "early election" compliance option. Under this regulatory provision, Phase II Group 1 NO_x affected units meet the higher Phase I limits for their boiler type from 1997 through 2007. In return for meeting this limit three years earlier than they would be required to meet the Phase II limit, early election units do not become subject to the more stringent Phase II limits until 2008. If a utility fails to meet this annual limit for the boiler during any year, the unit is subject to the more stringent Phase II limit for Group 1 boilers beginning in 2000, or the year following the exceedance, whichever is later.

In December 1996, EPA established the NO_x emission limits for Phase II Group 1 boilers and for Group 2 boilers (cell burner, cyclone, wet bottom, and vertically-fired boilers) that apply beginning on January 1, 2000. As a result of the April 1995 and December 1996 regulations, NO_x reductions were projected to be approximately 400,000 tons per year in 1996 through 1999 (Phase I), and 2 million tons per year in 2000 and subsequent years (Phase II) below what the emissions would have been without the Acid Rain Program.

There were 1,046 units subject to NO_x emissions limitations in 2000. Exhibit 11 shows the number of NO_x affected units by boiler type.

For each NO_x affected unit, a utility can comply with the applicable standard emission limitation, or may participate in two additional compliance options which add flexibility to the rate-based compliance requirements:

- ! **Emissions Averaging.** A utility can meet the standard emission limitation by averaging the heat-input weighted annual emission rates of two or more units.

- ! **Alternative Emission Limitation (AEL).** A utility can petition for a less stringent alternative emission limitation if it uses the properly installed and operated NO_x emissions reduction technology prescribed for that boiler, but cannot meet its standard limit. EPA determines whether an AEL is warranted based on analyses of emissions data and information about the NO_x control equipment.

Exhibit 12 summarizes the compliance options chosen by NO_x affected units for 2000. Averaging was the most widely chosen compliance option, with 53 averaging plans involving 645 units in 2000. See Appendix B-2 for a list of averaging plans and results in 2000.

For 2000, 1,045 NO_x units met the required emission limit through compliance with either the standard emission limitation (including units that early elected), emissions averaging, or an alternative emission limitation. (See Appendix B-1: Compliance Results for NO_x Affected Units. For a more detailed description of EPA's methodology for determining unit compliance with NO_x limits, see Appendix B-3: Description of NO_x Compliance Assessment Methodology.)

Exhibit 11
Phase II NO_x Units by Boiler Type

Boiler Type	Standard Emission Limit	Number of Units
Phase I Group1 Tangentially-fired	0.45	135
Phase I Group1 Dry Bottom Wall-fired	0.50	130
Phase II Group 1 Tangentially-fired	0.40	304
Phase II Group 1 Dry Bottom Wall-fired	0.46	312
Cell Burners	0.68	37
Cyclones > 155 MW	0.86	56
Wet Bottom > 65 MW	0.84	31
Vertically-fired	0.80	41
Total		1,046

Only one unit failed to meet its emissions limit in 2000. This unit had NO_x excess emissions of 58 tons and was assessed a monetary penalty of \$155,556 (58 tons x \$2,682 per ton penalty).

Exhibit 12
Compliance Options Chosen in 2000

Compliance Option	Number of Units
Standard Emission Limitation	133
Early Election	274
Emissions Averaging	645
Alternative Emission Limitation	27
TOTAL	1,079 ¹

¹ The numbers of units do not add to 1,046 because 29 units must meet both early election and emissions averaging limits, and 4 units must meet both AEL and emissions averaging limits.

NO_x Mass Emissions Reductions Exceed Goal by One Million Tons:

Phase II Units Reduced Overall NO_x Emissions by 23 Percent from 1990 Levels;

7 Percent from 1999 Levels

Total NO_x emissions from all Title IV affected units were three million tons below what they would have been without the Acid Rain Program in 2000, easily surpassing the goal of a two million ton reduction. Exhibit 13 illustrates the change in NO_x mass emissions since 1990 for all affected units. For the 2,262 Phase II units, total NO_x mass emissions in 2000 were 1.55 million tons or 23.3 percent lower than in 1990, and 0.38 million tons or 6.9 percent lower than in 1999.

These reductions have been achieved while electrical production, as measured by heat input, has increased 30 percent since 1990 and 2.7 percent compared to 1999. As illustrated in Exhibit 14, many states with increasing electrical production have also decreased total NO_x emissions in 2000, as compared to 1990 levels. Without further reductions in emissions rates, though, NO_x emissions would be expected to rise with increased utilization.

Exhibit 13
NO_x Mass Emissions for Phase II Units

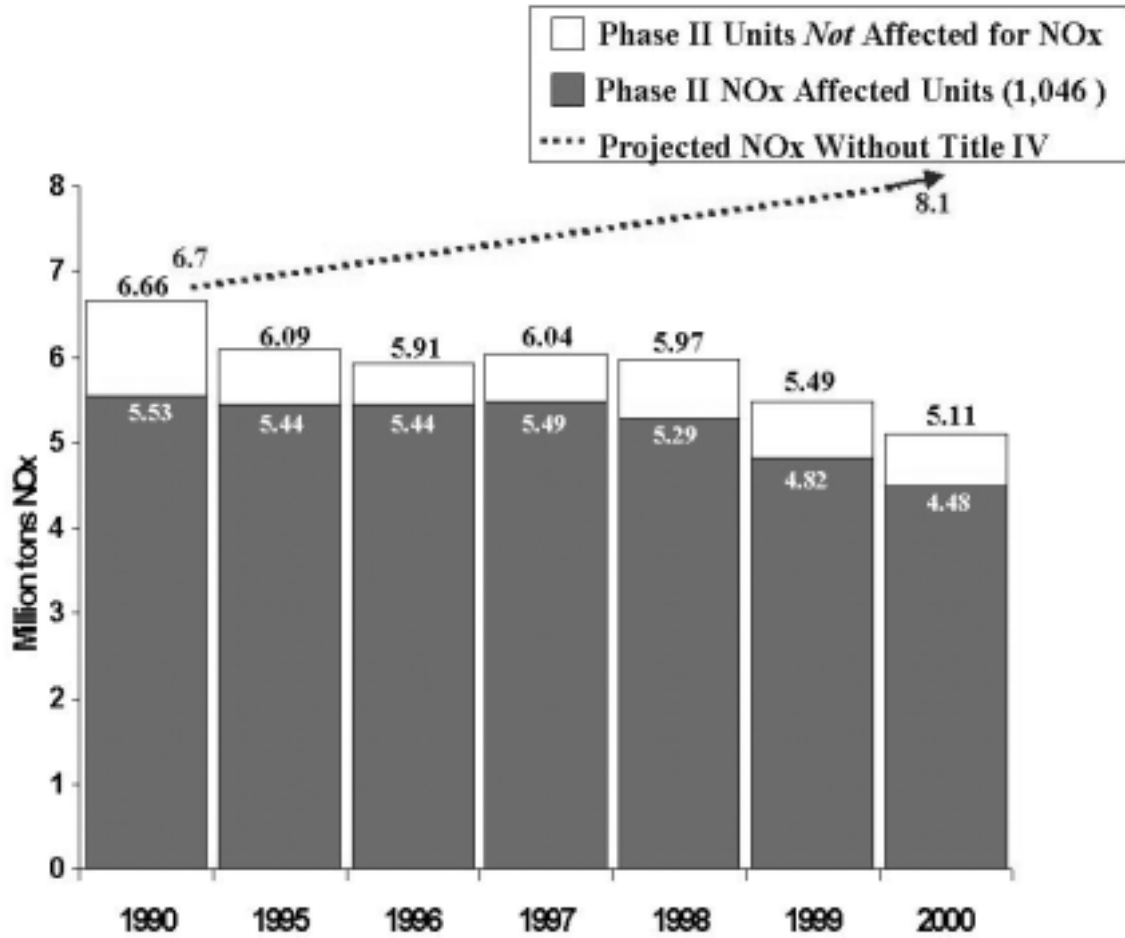
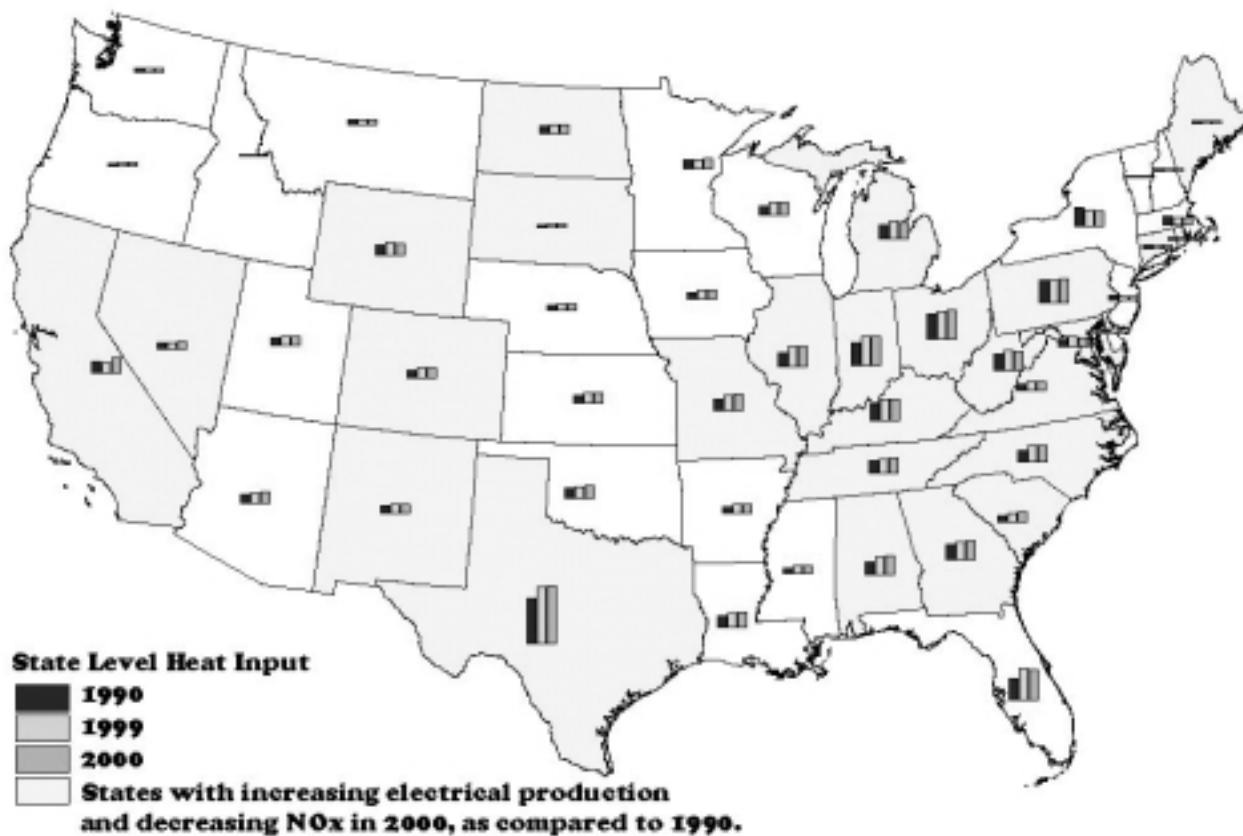


Exhibit 14
State-level Electrical Production (Heat Input): 1990, 1999, 2000



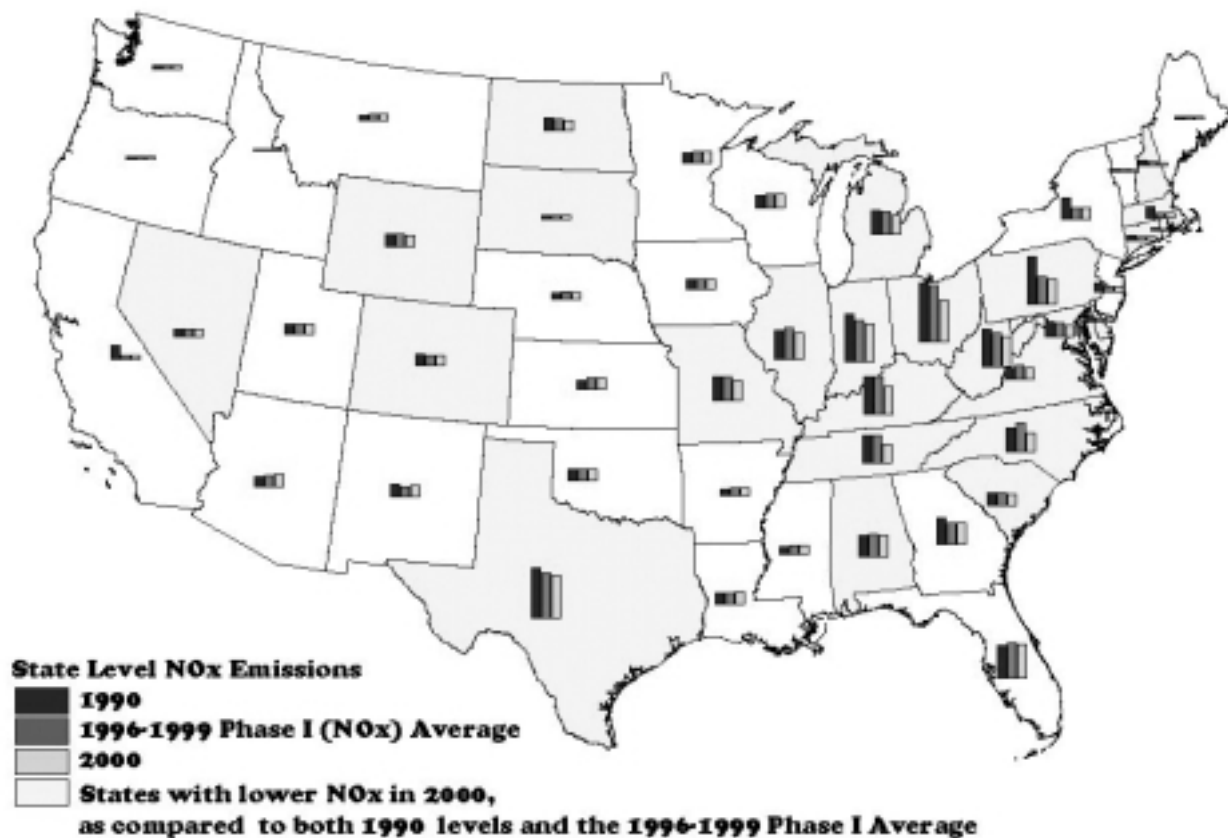
Geographic Trends in Nitrogen Oxide Emissions

Total nitrogen oxide emissions from Title IV sources have decreased 23 percent since 1990. Exhibit 15 displays state-level bar graphs illustrating NO_x emission trends from power generation before the Acid Rain Program (1990), during Phase I (1996-1999 average), and in Phase II (2000).

Several geographic trends are shown:

- The bar graphs illustrate that in the first year of Phase II, many states have reduced NO_x emissions from 1990 levels, with the greatest reduction occurring in the Eastern United States;

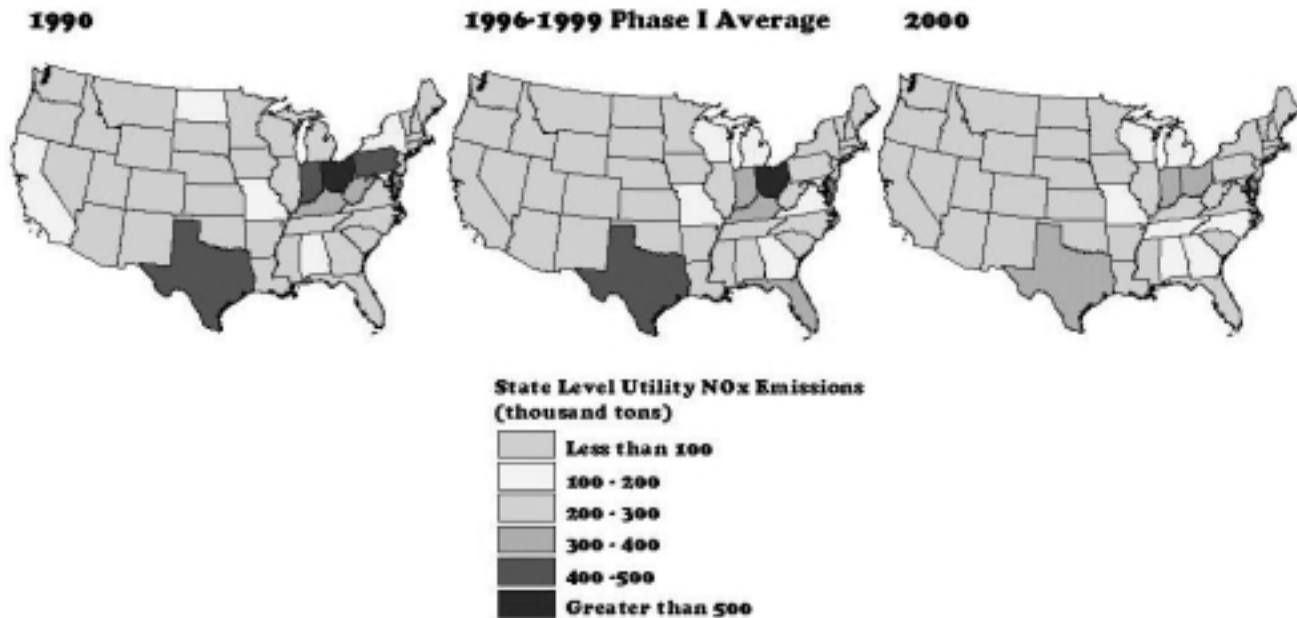
Exhibit 15
State-level Nitrogen Oxide Emissions from Power Generation: Bar Graphs
(1990, 1996-1999 Phase I Average, 2000)



- The states colored yellow represent states with lower NO_x emissions in Phase II (2000), as compared to both 1990 levels and the 1996-1999 Phase I average. Like SO₂, during Phase I, the majority of NO_x reductions occurred predominantly in the Eastern U.S. However, the Phase II reductions are geographically more extensive, occurring in a larger number of Western states.

As illustrated in Exhibit 16, in 1990, the greatest NO_x emissions occurred in the Midwestern, Mid-Atlantic and Southern regions of the U.S. In 2000, many of these states have significantly reduced emissions from 1990 levels. The highest emitting states in 1990 (Ohio, Texas, and Pennsylvania), have achieved an average reduction of about 32 percent (30 percent, 16 percent, and 51 percent, respectively) in 2000. Other states in the region are showing similar trends: Indiana (21 percent), Kentucky (29 percent), Tennessee (34 percent) and West Virginia (23 percent), have achieved an average reduction of 27 percent since 1990.

Exhibit 16
Geographic and Temporal Trends in Nitrogen Oxide Emissions from Power Generation
(1990, 1996-1999 Phase I Average, 2000)



SO₂ AND NO_x MONITORING IN 2000

In order to verify the reductions of SO₂ and NO_x emissions mandated under the Act and to support the SO₂ allowance trading program, a fundamental objective of the Acid Rain Program is to ensure accurate accounting of all pollutant emissions from all affected boilers and turbines. To implement this objective, concentrations and mass emissions of SO₂ and NO_x from each affected unit are measured and recorded using Continuous Emissions Monitoring Systems (CEMS) (or an approved alternate measurement method) certified by EPA to meet the high accuracy standards of the Acid Rain Program.

SO₂ mass emissions are determined using CEMS to measure SO₂ concentration and stack flow rate. NO_x emission rates, on the other hand, are determined with NO_x and diluent gas (CO₂ or O₂) concentration monitors. These monitors are required to meet strict initial and on-going performance standards to demonstrate the accuracy, precision, and timeliness of their measurement capability.

One measure of the accuracy of a CEMS is the relative accuracy test audit (RATA), which is required for initial certification of a CEMS and for on-going quality assurance. The RATA ensures that the installed monitor measures the “true” value of the pollutant by comparing the monitor to a reference method which simultaneously measures the stack gas pollutant. Thus, the lower the relative accuracy resulting from the test audit, the more accurate the monitor. All monitoring systems must meet a certain relative accuracy standard in order to be qualified to report emissions to the Acid Rain Program. Because the RATA determines relative accuracy as an absolute value, it does not detect whether the difference between the reference method values and the readings from the CEMS being tested is due to random error or to systematic bias. Therefore, an additional test, the bias test, is required to ensure that emissions are not underestimated. This test determines if the CEMS is systematically biased low compared to the reference method and if so, a bias adjustment factor is calculated and applied to all reported data from that monitoring system to ensure there is no systematic underreporting. Exhibit 17 highlights the relative accuracy results achieved by Acid Rain CEMS in 2000.

Exhibit 17

2000 Relative Accuracy Test Audit (RATA) Results

	SO ₂ Concentration	Volumetric Flow Rate	NO _x Rate
Mean Relative Accuracy	3.65%	3.30%	4.22%
Median Relative Accuracy	2.84%	2.69%	3.36%
Percent Meeting Relative Accuracy Standard	96.6%	98.6%	94.9%

Another metric used to determine the effectiveness of a CEMS is the percentage of hours that a monitoring system is operating properly and meeting all performance standards and therefore, able to record and report an emissions value. This metric is defined as the percent monitor availability (PMA). Exhibit 18 shows the monitor availabilities reported in 2000 and indicates that the CEMS used to determine SO₂ mass emissions and NO_x emission rates are well maintained and fulfilling the high performance standards required by the Acid Rain Program.

Exhibit 18

2000 CEMS Availability

Parameter	Median % Availability at End of 2000	
	Coal-Fired Units	Oil and Gas Units
SO ₂	99.5	98.7
Flow	99.6	99.2
NO _x	99.2	98.2

CONCLUSION

Both SO₂ and NO_x emissions declined in the first year of Phase II of the Acid Rain Program. Phase II sources continue to close in on the 10 million ton reduction of SO₂ emissions and exceeded the goal of a two million ton reduction of NO_x emissions by a sizeable margin.



In 2000, SO₂ emissions fell, however the use of allowances saved by sources from emitting less than required in Phase I resulted in SO₂ emissions higher than the year 2000 allowance allocations. This was both expected and allowed, due to the substantial early reductions achieved in Phase I. EPA expects Phase II sources to continue to use up the bank of allowances over the next several years, and to achieve the goal of an annual 10 million ton reduction from 1980 levels by 2010.

NO_x emissions in 2000 were an impressive three million tons below what emissions would have been without the Acid Rain Program. Furthermore, the implementation of regional NO_x cap-and-trade programs (i.e., the NO_x Budget Program in the Ozone Transport Region and the NO_x SIP Call²) are changing expectations concerning future emissions levels. EPA's expectation had been that over time, NO_x emissions would gradually rise due to increasing electricity production. However, because of the eastern regional cap, it now appears that nationwide NO_x emissions may decline over the next several years as the NO_x SIP call is implemented, and then remain stable or rise more slowly as energy demand continues to grow and new sources continue to be built.

For additional detailed emissions data see <http://www.epa.gov/airmarkets/emissions/score00/index.html>



²For more information on these regional NO_x reduction programs, visit <http://www.epa.gov/airmarkets>.

APPENDIX A: ACID RAIN PROGRAM - YEAR 2000 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
AL	Barry	3	CS0AAN (1, 2, 3)				
AL	Barry	3	1	3,882	6,490	6,065	425
AL	Barry	3	2	4,292	6,854	6,406	448
AL	Barry	3	3	8,811	10,205	9,537	668
AL	Barry	3	4	10,051	15,429	14,420	1,009
AL	Barry	3	5	24,836	26,644	24,901	1,743
AL	Barry	3	6A	0	10	1	9
AL	Barry	3	6B	0	10	2	8
AL	Charles R Lowman	56	1	1,853	7,502	3,174	4,328
AL	Charles R Lowman	56	2	7,026	7,061	6,400	661
AL	Charles R Lowman	56	3	5,895	7,296	6,635	661
AL	Chickasaw	5	110	111	111	0	111
AL	Colbert	47	CSCO14 (1, 2, 3, 4)				
AL	Colbert	47	1	5,854	19,006	6,291	12,715
AL	Colbert	47	2	6,602	28,600	6,405	22,195
AL	Colbert	47	3	6,641	29,814	6,379	23,435
AL	Colbert	47	4	6,646	31,580	6,661	24,919
AL	Colbert	47	5	16,033	53,216	44,455	8,761
AL	E C Gaston	26	CS0CAN (1, 2)				
AL	E C Gaston	26	1	7,805	26,699	18,188	8,511
AL	E C Gaston	26	2	7,996	31,283	18,685	12,598
AL	E C Gaston	26	CS0CBN (3, 4)				
AL	E C Gaston	26	3	7,896	25,750	20,170	5,580
AL	E C Gaston	26	4	8,313	37,572	17,904	19,668
AL	E C Gaston	26	5	25,805	82,427	42,910	39,517
AL	Gadsden	7	1	1,957	5,385	5,033	352
AL	Gadsden	7	2	2,024	6,055	4,705	1,350
AL	General Electric Company	7698	CC1	0	10	2	8
AL	Gorgas	8	5	1,756	1,756	0	1,756
AL	Gorgas	8	CS0DAN (6, 7)				
AL	Gorgas	8	6	3,036	12,026	11,146	880
AL	Gorgas	8	7	3,139	10,082	9,422	660
AL	Gorgas	8	8	4,759	10,571	9,879	692
AL	Gorgas	8	9	4,747	9,166	8,638	528
AL	Gorgas	8	10	22,443	34,062	31,830	2,232
AL	Greene County	10	1	8,488	24,800	23,619	1,181
AL	Greene County	10	2	7,923	25,109	23,914	1,195
AL	Greene County	10	CT2	0	100	41	59
AL	Greene County	10	CT3	0	100	30	70
AL	Greene County	10	CT4	0	100	42	58
AL	Greene County	10	CT5	0	100	50	50
AL	Greene County	10	CT6	0	100	30	70
AL	Greene County	10	CT7	0	100	48	52
AL	Greene County	10	CT8	0	100	21	79

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AL	Greene County	10	CT9	0	100	47	53
AL	Greene County	10	CT10	0	100	49	51
AL	James H Miller Jr	6002	1	14,217	17,558	16,409	1,149
AL	James H Miller Jr	6002	2	17,769	17,769	16,375	1,394
AL	James H Miller Jr	6002	3	17,422	17,422	15,460	1,962
AL	James H Miller Jr	6002	4	8,049	18,134	16,948	1,186
AL	McIntosh	7063	**1	938	503	0	503
AL	McIntosh	7063	**2	0	5	0	5
AL	McIntosh	7063	**3	0	5	1	4
AL	McWilliams	533	**4	0	5	1	4
AL	Washington County Cogen (Olin)	7697	CC1	0	10	3	7
AL	Widows Creek	50	CSWC16 (1, 2, 3, 4, 5, 6)				
AL	Widows Creek	50	1	3,340	5,340	4,647	693
AL	Widows Creek	50	2	3,212	6,212	5,854	358
AL	Widows Creek	50	3	3,356	5,856	5,278	578
AL	Widows Creek	50	4	3,454	4,954	4,137	817
AL	Widows Creek	50	5	3,565	5,065	4,810	255
AL	Widows Creek	50	6	3,279	6,779	6,576	203
AL	Widows Creek	50	7	7,805	11,005	10,390	615
AL	Widows Creek	50	8	7,460	12,460	11,054	1,406
AR	Carl Bailey	202	01	10	310	263	47
AR	Cecil Lynch	167	1	0	0	0	0
AR	Cecil Lynch	167	2	0	1	0	1
AR	Cecil Lynch	167	3	3	2	0	2
AR	Flint Creek	6138	1	15,192	15,192	12,863	2,329
AR	Hamilton Moses	168	1	0	2	0	2
AR	Hamilton Moses	168	2	0	2	0	2
AR	Harvey Couch	169	1	7	2	0	2
AR	Harvey Couch	169	2	112	3	1	2
AR	Independence	6641	1	18,155	14,574	10,609	3,965
AR	Independence	6641	2	18,401	17,844	11,252	6,592
AR	Lake Catherine	170	1	0	2	0	2
AR	Lake Catherine	170	2	0	2	0	2
AR	Lake Catherine	170	3	8	4	1	3
AR	Lake Catherine	170	4	156	6	4	2
AR	McClellan	203	01	15	2,115	1,641	474
AR	Robert E Ritchie	173	1	53	6	2	4
AR	Robert E Ritchie	173	2	2,148	2,153	5	2,148
AR	Thomas Fitzhugh	201	1	1	601	145	456
AR	White Bluff	6009	1	20,940	22,378	19,679	2,699
AR	White Bluff	6009	2	23,900	20,640	18,593	2,047
AZ	Agua Fria	141	1	54	54	18	36
AZ	Agua Fria	141	2	65	65	22	43
AZ	Agua Fria	141	3	77	77	33	44

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
AZ	Apache Station	160	1	331	11	1	10
AZ	Apache Station	160	2	1,609	3,417	3,411	6
AZ	Apache Station	160	3	3,011	3,223	3,157	66
AZ	Cholla	113	1	2,223	945	859	86
AZ	Cholla	113	2	5,443	1,528	1,389	139
AZ	Cholla	113	3	5,147	9,355	8,378	977
AZ	Cholla	113	4	8,334	8,334	7,270	1,064
AZ	Cholla	113	**5	0	0	0	0
AZ	Coronado	6177	U1B	5,733	10,052	10,051	1
AZ	Coronado	6177	U2B	5,903	9,409	9,409	0
AZ	De Moss Petrie	124	4	0	0	0	0
AZ	Gila Bend	923	**GT1	0	0	0	0
AZ	Gila Bend	923	**GT2	0	0	0	0
AZ	Gila Bend	923	**GT3	0	0	0	0
AZ	Gila Bend	923	**GT4	0	0	0	0
AZ	Irvington	126	1	16	2	1	1
AZ	Irvington	126	2	28	3	1	2
AZ	Irvington	126	3	0	5	1	4
AZ	Irvington	126	4	2,854	3,816	3,415	401
AZ	Kyrene	147	K-1	7	46	45	1
AZ	Kyrene	147	K-2	18	46	46	0
AZ	Navajo	4941	1	26,220	3,458	1,206	2,252
AZ	Navajo	4941	2	24,262	3,451	1,687	1,764
AZ	Navajo	4941	3	25,042	3,451	1,944	1,507
AZ	Ocotillo	116	1	56	7	5	2
AZ	Ocotillo	116	2	132	5	1	4
AZ	Saguaro	118	1	204	161	144	17
AZ	Saguaro	118	2	25	3	1	2
AZ	Springerville	8223	1	6,566	10,051	9,036	1,015
AZ	Springerville	8223	2	5,756	11,048	10,013	1,035
AZ	Springerville	8223	3	0	0	0	0
AZ	West Phoenix	117	4	11	0	0	0
AZ	West Phoenix	117	6	22	0	0	0
AZ	Yuma Axis	120	1	42	42	12	30
CA	AES Alamos, LLC	315	1	2,775	51	0	51
CA	AES Alamos, LLC	315	2	105	1	1	0
CA	AES Alamos, LLC	315	3	290	3	3	0
CA	AES Alamos, LLC	315	4	819	13	4	9
CA	AES Alamos, LLC	315	5	4,227	76	6	70
CA	AES Alamos, LLC	315	6	1,484	23	5	18
CA	AES Huntington Beach, LLC	335	1	1,325	26	2	24
CA	AES Huntington Beach, LLC	335	2	1,134	21	3	18
CA	AES Huntington Beach, LLC	335	3	161	0	0	0
CA	AES Huntington Beach, LLC	335	4	176	0	0	0

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
CA	AES Redondo Beach, LLC	356	5	80	2	1	1
CA	AES Redondo Beach, LLC	356	6	105	2	1	1
CA	AES Redondo Beach, LLC	356	7	554	11	5	6
CA	AES Redondo Beach, LLC	356	8	597	13	3	10
CA	AES Redondo Beach, LLC	356	11	36	0	0	0
CA	AES Redondo Beach, LLC	356	12	0	0	0	0
CA	AES Redondo Beach, LLC	356	13	0	0	0	0
CA	AES Redondo Beach, LLC	356	14	0	0	0	0
CA	AES Redondo Beach, LLC	356	15	0	0	0	0
CA	AES Redondo Beach, LLC	356	16	0	0	0	0
CA	AES Redondo Beach, LLC	356	17	0	0	0	0
CA	Almond Power Plant	7315	1	0	20	1	19
CA	Alta (Cool Water)	329	1	10	2	1	1
CA	Alta (Cool Water)	329	2	6	2	1	1
CA	Alta (Cool Water)	329	31	0	2	1	1
CA	Alta (Cool Water)	329	32	0	2	1	1
CA	Alta (Cool Water)	329	41	0	4	2	2
CA	Alta (Cool Water)	329	42	0	4	2	2
CA	Anaheim Combustion Turbine	7693	1	0	0	0	0
CA	Avon	216	1	17	0	0	0
CA	Avon	216	2	0	0	0	0
CA	Avon	216	3	0	0	0	0
CA	Broadway	420	B1	127	27	0	27
CA	Broadway	420	B2	164	27	0	27
CA	Broadway	420	B3	74	26	2	24
CA	Cabrillo Power I LLC (Encina)	302	CS0001 (1, 2, 3, 4, 5)				
CA	Cabrillo Power I LLC (Encina)	302	1	491	0	0	0
CA	Cabrillo Power I LLC (Encina)	302	2	1,131	0	0	0
CA	Cabrillo Power I LLC (Encina)	302	3	737	0	0	0
CA	Cabrillo Power I LLC (Encina)	302	4	1,946	1	0	1
CA	Cabrillo Power I LLC (Encina)	302	5	2,495	160	61	99
CA	Carson Cogeneration	7527	1	0	15	1	14
CA	Carson Cogeneration	7527	2	0	5	0	5
CA	Contra Costa	228	1	125	0	0	0
CA	Contra Costa	228	2	2	0	0	0
CA	Contra Costa	228	3	0	0	0	0
CA	Contra Costa	228	4	0	0	0	0
CA	Contra Costa	228	5	0	0	0	0
CA	Contra Costa	228	6	0	0	0	0
CA	Contra Costa	228	7	28	0	0	0
CA	Contra Costa	228	8	53	0	0	0
CA	Contra Costa	228	9	356	30	4	26
CA	Contra Costa	228	10	4,286	4	4	0
CA	Duke Energy Morro Bay LLC	259	1	1,561	12	2	10

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
CA	Duke Energy Morro Bay LLC	259	2	139	18	3	15
CA	Duke Energy Morro Bay LLC	259	3	3,822	11	5	6
CA	Duke Energy Morro Bay LLC	259	4	3,053	26	5	21
CA	Duke Energy South Bay LLC	310	1	2,492	68	5	63
CA	Duke Energy South Bay LLC	310	2	1,775	64	2	62
CA	Duke Energy South Bay LLC	310	3	2,177	16	8	8
CA	Duke Energy South Bay LLC	310	4	603	59	5	54
CA	El Centro	389	3	614	514	1	513
CA	El Centro	389	4	586	586	3	583
CA	El Centro	389	2-2	0	100	1	99
CA	El Segundo	330	1	440	12	1	11
CA	El Segundo	330	2	90	2	1	1
CA	El Segundo	330	3	182	4	1	3
CA	El Segundo	330	4	370	7	1	6
CA	Glenarm	422	16	0	0	0	0
CA	Glenarm	422	17	0	0	0	0
CA	Grayson	377	4	102	102	1	101
CA	Grayson	377	5	36	36	0	36
CA	Harbor Gen Station	399	1	68	0	0	0
CA	Harbor Gen Station	399	2	121	0	0	0
CA	Harbor Gen Station	399	3	94	0	0	0
CA	Harbor Gen Station	399	4	104	0	0	0
CA	Harbor Gen Station	399	5	171	0	0	0
CA	Harbor Gen Station	399	**10A	699	6	1	5
CA	Harbor Gen Station	399	**10B	699	0	1	-1
CA	Haynes Gen Station	400	1	681	131	3	128
CA	Haynes Gen Station	400	2	338	338	2	336
CA	Haynes Gen Station	400	3	1,244	1,244	1	1,243
CA	Haynes Gen Station	400	4	1,002	1,002	1	1,001
CA	Haynes Gen Station	400	5	1,401	1,401	3	1,398
CA	Haynes Gen Station	400	6	1,527	1,527	1	1,526
CA	Humboldt Bay	246	1	358	302	1	301
CA	Humboldt Bay	246	2	24	300	102	198
CA	Hunters Point	247	3	76	2	0	2
CA	Hunters Point	247	4	5	2	0	2
CA	Hunters Point	247	5	74	2	0	2
CA	Hunters Point	247	6	1	2	0	2
CA	Hunters Point	247	7	192	35	1	34
CA	Kern	251	1	3	0	0	0
CA	Kern	251	2	0	0	0	0
CA	Kern	251	3	13	0	0	0
CA	Kern	251	4	0	0	0	0
CA	Magnolia	375	M4	37	0	0	0
CA	Martinez	256	1	1	0	0	0

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
CA	Martinez	256	2	1	0	0	0
CA	Martinez	256	3	1	0	0	0
CA	Moss Landing	260	1	122	1	0	1
CA	Moss Landing	260	2	0	0	0	0
CA	Moss Landing	260	3	0	0	0	0
CA	Moss Landing	260	4	0	0	0	0
CA	Moss Landing	260	5	0	0	0	0
CA	Moss Landing	260	6	0	0	0	0
CA	Moss Landing	260	7	79	0	0	0
CA	Moss Landing	260	8	466	4	0	4
CA	Moss Landing	260	6-1	8,924	40	9	31
CA	Moss Landing	260	7-1	976	31	14	17
CA	Mountain Vista (Etiwanda)	331	1	117	3	1	2
CA	Mountain Vista (Etiwanda)	331	2	29	2	1	1
CA	Mountain Vista (Etiwanda)	331	3	1,372	19	3	16
CA	Mountain Vista (Etiwanda)	331	4	261	6	4	2
CA	Mountainview (San Bernadino)	358	1	118	3	0	3
CA	Mountainview (San Bernadino)	358	2	17	0	0	0
CA	NCPA Combustion Turbine Project #2	7449	NA1	0	25	1	24
CA	Ocean Vista (Mandalay)	345	1	1,379	24	4	20
CA	Ocean Vista (Mandalay)	345	2	1,291	21	4	17
CA	Oleum	263	1	146	0	0	0
CA	Oleum	263	2	138	0	0	0
CA	Oleum	263	3	244	4	0	4
CA	Oleum	263	4	102	0	0	0
CA	Oleum	263	5	174	2	0	2
CA	Oleum	263	6	204	2	0	2
CA	Olive	6013	01	133	15	0	15
CA	Olive	6013	02	25	0	0	0
CA	Ormond Beach	350	1	4,520	77	4	73
CA	Ormond Beach	350	2	4,586	81	8	73
CA	Pittsburg	271	1	1,641	1	1	0
CA	Pittsburg	271	2	1,350	2	1	1
CA	Pittsburg	271	3	1,586	1	1	0
CA	Pittsburg	271	4	1,581	2	1	1
CA	Pittsburg	271	5	285	12	4	8
CA	Pittsburg	271	6	3,754	4	3	1
CA	Pittsburg	271	7	740	30	10	20
CA	Potrero	273	3-1	321	25	3	22
CA	Riverside Canal (Highgrove)	334	1	4	4	0	4
CA	Riverside Canal (Highgrove)	334	2	1	1	0	1
CA	Riverside Canal (Highgrove)	334	3	1	2	0	2
CA	Riverside Canal (Highgrove)	334	4	3	3	0	3
CA	Sacramento Power Authority Cogen	7552	1	0	10	3	7

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CA	SCA Cogen II	7551	1A	0	5	1	4
CA	SCA Cogen II	7551	1B	0	5	1	4
CA	Scattergood Gen Sta	404	1	752	418	1	417
CA	Scattergood Gen Sta	404	2	658	658	11	647
CA	Scattergood Gen Sta	404	3	262	262	4	258
CA	Silver Gate	309	1	0	0	0	0
CA	Silver Gate	309	2	0	0	0	0
CA	Silver Gate	309	3	0	0	0	0
CA	Silver Gate	309	4	0	0	0	0
CA	Silver Gate	309	5	0	0	0	0
CA	Silver Gate	309	6	0	0	0	0
CA	Valley Gen Station	408	1	122	631	0	631
CA	Valley Gen Station	408	2	141	141	0	141
CA	Valley Gen Station	408	3	389	389	0	389
CA	Valley Gen Station	408	4	351	351	0	351
CA	Woodland Generation Station	7266	1	0	20	1	19
CO	Arapahoe	465	CS1 (1, 2)				
CO	Arapahoe	465	1	221	904	840	64
CO	Arapahoe	465	2	247	598	583	15
CO	Arapahoe	465	3	181	1,084	1,079	5
CO	Arapahoe	465	4	1,927	1,816	1,665	151
CO	Arapahoe Combustion Turbines	55200	CT5	0	0	0	0
CO	Arapahoe Combustion Turbines	55200	CT6	0	0	0	0
CO	Brush 4	55209	GT4	0	0	0	0
CO	Brush 4	55209	GT5	0	0	0	0
CO	Cameo	468	2	904	2,295	2,288	7
CO	Cherokee	469	1	2,138	2,631	2,622	9
CO	Cherokee	469	2	2,838	4,571	4,561	10
CO	Cherokee	469	3	3,761	5,053	5,013	40
CO	Cherokee	469	4	7,535	6,965	6,949	16
CO	Comanche	470	1	7,698	5,980	5,956	24
CO	Comanche	470	2	6,914	8,415	8,405	10
CO	Craig	6021	C1	8,218	6,812	4,204	2,608
CO	Craig	6021	C2	7,845	6,994	4,059	2,935
CO	Craig	6021	C3	2,602	2,602	1,802	800
CO	Fort St. Vrain	6112	2	0	5	3	2
CO	Fort St. Vrain	6112	3	0	5	4	1
CO	Hayden	525	H1	6,063	2,096	695	1,401
CO	Hayden	525	H2	9,230	2,895	1,603	1,292
CO	Manchief Electric Gen Station	55127	CT1	0	1	0	1
CO	Manchief Electric Gen Station	55127	CT2	0	1	0	1
CO	Martin Drake	492	5	1,149	1,399	1,344	55
CO	Martin Drake	492	6	2,030	2,380	2,330	50
CO	Martin Drake	492	7	3,219	4,894	4,643	251

APPENDIX A: ACID RAIN PROGRAM - YEAR 2000 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
CO	Nucla	527	1	1,122	1,522	1,273	249
CO	Pawnee	6248	1	14,443	14,745	14,678	67
CO	Pawnee	6248	**2	0	0	0	0
CO	Rawhide	6761	101	1,800	1,160	849	311
CO	Ray D Nixon	8219	1	4,477	5,500	5,220	280
CO	Ray D Nixon	8219	2	0	1	0	1
CO	Ray D Nixon	8219	3	0	1	0	1
CO	Valmont	477	5	3,137	4,716	4,506	210
CO	Valmont	477	14	4	0	0	0
CO	Valmont	477	21	20	0	0	0
CO	Valmont	477	24	0	0	0	0
CO	Valmont Combustion Turbine	55207	CT7	0	0	0	0
CO	Zuni	478	1	340	3	1	2
CO	Zuni	478	2	0	2	0	2
CO	Zuni	478	3	5	3	0	3
CT	Bridgeport Energy	55042	BE1	0	10	2	8
CT	Bridgeport Energy	55042	BE2	0	10	2	8
CT	Bridgeport Harbor	568	BHB1	2,079	1	0	1
CT	Bridgeport Harbor	568	BHB2	4,727	530	474	56
CT	Bridgeport Harbor	568	BHB3	11,481	9,226	8,747	479
CT	Devon	544	3	980	940	0	940
CT	Devon	544	6	898	863	0	863
CT	Devon	544	CS0001 (7, 8)				
CT	Devon	544	7	2,808	2,699	1,141	1,558
CT	Devon	544	8	3,003	2,886	1,434	1,452
CT	Devon	544	11	0	0	0	0
CT	Devon	544	12	0	1	1	0
CT	Devon	544	13	0	1	1	0
CT	Devon	544	14	0	0	0	0
CT	Devon	544	4A	170	164	0	164
CT	Devon	544	4B	171	164	0	164
CT	Devon	544	5A	155	149	0	149
CT	Devon	544	5B	155	149	0	149
CT	English	569	EB13	114	114	0	114
CT	English	569	EB14	157	157	0	157
CT	Mid-Conn/S. Meadow	563	15	0	0	0	0
CT	Middletown	562	1	461	442	0	442
CT	Middletown	562	2	1,328	996	628	368
CT	Middletown	562	3	3,339	3,209	1,197	2,012
CT	Middletown	562	4	2,390	2,576	2,572	4
CT	Montville	546	5	1,208	1,311	1,293	18
CT	Montville	546	6	5,675	5,304	3,412	1,892
CT	New Haven Harbor	6156	NHB1	13,070	9,292	9,256	36
CT	Norwalk Harbor	548	CS0001 (1, 2)				

APPENDIX A: ACID RAIN PROGRAM - YEAR 2000 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
CT	Norwalk Harbor	548	1	5,141	4,941	3,379	1,562
CT	Norwalk Harbor	548	2	5,458	5,245	3,380	1,865
DC	Benning	603	15	517	517	391	126
DC	Benning	603	16	856	856	567	289
DE	Delaware City Refinery (Motiva)	52193	DCPP4	0	1,300	1,198	102
DE	Edge Moor	593	3	3,558	19,678	3,290	16,388
DE	Edge Moor	593	4	6,295	6,295	5,985	310
DE	Edge Moor	593	5	6,463	6,463	1,698	4,765
DE	Hay Road	7153	**3	158	158	1	157
DE	Indian River	594	1	2,998	5,998	5,679	319
DE	Indian River	594	2	3,182	6,132	5,741	391
DE	Indian River	594	3	5,441	7,870	7,409	461
DE	Indian River	594	4	13,414	8,914	8,399	515
DE	McKee Run	599	3	2,585	1,085	563	522
DE	Van Sant	7318	**11	138	138	5	133
FL	Anclote	8048	1	13,890	16,000	14,657	1,343
FL	Anclote	8048	2	13,895	12,500	11,425	1,075
FL	Arvah B Hopkins	688	1	81	101	85	16
FL	Arvah B Hopkins	688	2	5,524	5,504	778	4,726
FL	Auburndale Power Partners, LP	54658	1	0	2	2	0
FL	Avon Park	624	2	495	0	0	0
FL	Big Bend	645	XS12 (BB01, BB02)				
FL	Big Bend	645	BB01	12,136	25,931	24,545	1,386
FL	Big Bend	645	BB02	12,200	7,799	6,782	1,017
FL	Big Bend	645	XS23 (BB03, BB04)				
FL	Big Bend	645	BB03	11,448	13,501	12,808	693
FL	Big Bend	645	BB04	8,783	4,997	3,962	1,035
FL	C D Mcintosh Jr	676	1	907	1,131	1,114	17
FL	C D Mcintosh Jr	676	2	1,029	1,029	140	889
FL	C D Mcintosh Jr	676	3	9,931	9,931	8,423	1,508
FL	C D Mcintosh Jr	676	5	0	2	0	2
FL	Cane Island	7238	2	0	26	2	24
FL	Cane Island	7238	**1	0	10	0	10
FL	Cape Canaveral	609	PCC1	4,225	7,812	7,419	393
FL	Cape Canaveral	609	PCC2	4,963	5,814	5,521	293
FL	Combined Cycle 1	7254	32432	60	60	1	59
FL	Crist	641	CS001(1, 2, 3)				
FL	Crist	641	1	35	35	1	34
FL	Crist	641	2	3	3	0	3
FL	Crist	641	3	4	4	0	4
FL	Crist	641	4	2,468	36,724	3,651	33,073
FL	Crist	641	5	2,431	33,047	5,949	27,098
FL	Crist	641	6	8,399	37,497	13,679	23,818
FL	Crist	641	7	12,526	53,830	29,803	24,027

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
FL	Crystal River	628	1	12,429	19,500	18,362	1,138
FL	Crystal River	628	2	14,295	20,000	18,982	1,018
FL	Crystal River	628	4	23,659	27,500	26,301	1,199
FL	Crystal River	628	5	25,257	30,000	28,566	1,434
FL	Cutler	610	PCU5	0	5	1	4
FL	Cutler	610	PCU6	0	5	1	4
FL	Debary	6046	**7	705	55	49	6
FL	Debary	6046	**8	705	60	51	9
FL	Debary	6046	**9	705	45	39	6
FL	Debary	6046	**10	705	135	112	23
FL	Deerhaven	663	B1	98	502	500	2
FL	Deerhaven	663	B2	8,271	7,918	7,915	3
FL	Deerhaven	663	CT3	0	3	1	2
FL	Deerhaven	663	**NA2	0	0	0	0
FL	F J Gannon	646	GB01	3,843	7,843	6,898	945
FL	F J Gannon	646	GB02	4,426	6,426	5,906	520
FL	F J Gannon	646	GB03	5,666	7,666	7,349	317
FL	F J Gannon	646	GB04	6,225	8,125	7,831	294
FL	F J Gannon	646	GB05	6,539	11,539	10,776	763
FL	F J Gannon	646	GB06	10,084	10,084	9,310	774
FL	Fort Myers	612	PFM1	3,189	4,373	4,153	220
FL	Fort Myers	612	PFM2	9,460	15,233	14,465	768
FL	Fort Myers	612	FMCT2A	0	4	0	4
FL	Fort Myers	612	FMCT2B	0	4	0	4
FL	G E Turner	629	2	543	0	0	0
FL	G E Turner	629	3	718	0	0	0
FL	G E Turner	629	4	611	0	0	0
FL	Hardee Power Station	50949	CT2B	0	50	6	44
FL	Henry D King	658	7	63	63	0	63
FL	Henry D King	658	8	26	26	0	26
FL	Higgins	630	1	423	0	0	0
FL	Higgins	630	2	475	0	0	0
FL	Higgins	630	3	969	0	0	0
FL	Hines Facility	7302	1A	0	8	3	5
FL	Hines Facility	7302	1B	0	8	3	5
FL	Hookers Point	647	CS001 (HB01, HB02, HB05)				
FL	Hookers Point	647	HB01	177	177	0	177
FL	Hookers Point	647	HB02	207	207	207	0
FL	Hookers Point	647	CS002 (HB03, HB04)				
FL	Hookers Point	647	HB03	469	408	203	205
FL	Hookers Point	647	HB04	701	401	273	128
FL	Hookers Point	647	HB05	1,253	553	336	217
FL	Hookers Point	647	HB06	478	478	300	178
FL	Indian River	55318	CS1 (1, 2)				

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
FL	Indian River	55318	1	1,192	403	398	5
FL	Indian River	55318	2	1,569	2,166	2,161	5
FL	Indian River	55318	3	3,647	3,728	3,723	5
FL	Indian River	683	**C	0	1	0	1
FL	Indian River	683	**D	639	6	2	4
FL	Intercession City	8049	**7	705	35	23	12
FL	Intercession City	8049	**8	705	35	22	13
FL	Intercession City	8049	**9	705	25	12	13
FL	Intercession City	8049	**10	705	30	18	12
FL	Intercession City	8049	**11	0	125	99	26
FL	J D Kennedy	666	7	0	20	7	13
FL	J D Kennedy	666	8	196	0	0	0
FL	J D Kennedy	666	9	553	0	0	0
FL	J D Kennedy	666	10	1,976	20	2	18
FL	J R Kelly	664	JRK8	58	29	29	0
FL	Lansing Smith	643	1	6,478	12,673	9,200	3,473
FL	Lansing Smith	643	2	7,603	13,614	11,527	2,087
FL	Larsen Memorial	675	7	307	558	552	6
FL	Larsen Memorial	675	**8	665	188	2	186
FL	Larsen Memorial	675	**9	0	0	0	0
FL	Lauderdale	613	4GT1	948	8	4	4
FL	Lauderdale	613	4GT2	948	8	4	4
FL	Lauderdale	613	5GT1	948	8	4	4
FL	Lauderdale	613	5GT2	948	8	4	4
FL	Lauderdale	613	PFL4	0	0	0	0
FL	Lauderdale	613	PFL5	0	0	0	0
FL	Manatee	6042	PMT1	13,777	14,654	13,915	739
FL	Manatee	6042	PMT2	12,701	15,790	14,995	795
FL	Martin	6043	PMR1	5,094	8,779	8,336	443
FL	Martin	6043	PMR2	6,041	7,942	7,542	400
FL	Martin	6043	HRSG3A	1,275	8	4	4
FL	Martin	6043	HRSG3B	1,275	8	4	4
FL	Martin	6043	HRSG4A	1,275	8	4	4
FL	Martin	6043	HRSG4B	1,275	9	4	5
FL	Mulberry Cogeneration Facility	54426	1	0	4	1	3
FL	Northside	667	1	6,224	10,356	7,286	3,070
FL	Northside	667	2	6,268	0	0	0
FL	Northside	667	3	11,126	10,889	8,014	2,875
FL	Orange Cogeneration Facility	54365	1	0	2	0	2
FL	Orange Cogeneration Facility	54365	2	0	2	0	2
FL	Orlando CoGen	54466	1	0	4	2	2
FL	P L Bartow	634	1	2,806	6,000	5,110	890
FL	P L Bartow	634	2	2,962	6,000	5,230	770
FL	P L Bartow	634	3	5,430	11,000	9,951	1,049

APPENDIX A: ACID RAIN PROGRAM - YEAR 2000 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
FL	Polk	7242	**1	0	1,011	918	93
FL	Polk	7242	**2	0	550	409	141
FL	Polk	7242	**3	0	0	0	0
FL	Polk	7242	**4	0	0	0	0
FL	Port Everglades	617	PPE1	2,340	3,102	2,946	156
FL	Port Everglades	617	PPE2	2,414	4,066	3,861	205
FL	Port Everglades	617	PPE3	5,882	7,785	7,392	393
FL	Port Everglades	617	PPE4	5,964	7,107	6,748	359
FL	Putnam	6246	HRSG11	1,644	6	2	4
FL	Putnam	6246	HRSG12	1,644	7	2	5
FL	Putnam	6246	HRSG21	1,568	6	1	5
FL	Putnam	6246	HRSG22	1,568	7	2	5
FL	Riviera	619	PRV2	94	0	0	0
FL	Riviera	619	PRV3	3,574	7,934	7,542	392
FL	Riviera	619	PRV4	3,546	9,697	9,228	469
FL	S O Purdom	689	7	443	433	96	337
FL	S O Purdom	689	8	0	10	1	9
FL	Sanford	620	PSN3	1,085	2,278	2,166	112
FL	Sanford	620	PSN4	8,615	8,682	8,245	437
FL	Sanford	620	PSN5	3,222	8,852	8,421	431
FL	Scholz	642	1	1,959	27,638	1,601	26,037
FL	Scholz	642	2	2,051	26,431	1,417	25,014
FL	Seminole	136	1	18,388	18,388	14,832	3,556
FL	Seminole	136	2	18,388	18,388	17,909	479
FL	Southside	668	1	930	0	0	0
FL	Southside	668	2	963	0	0	0
FL	Southside	668	3	227	0	0	0
FL	Southside	668	4	616	1,416	958	458
FL	Southside	668	5	1,811	2,082	1,278	804
FL	St Johns River Power	207	1	11,586	14,472	11,019	3,453
FL	St Johns River Power	207	2	11,374	13,420	10,295	3,125
FL	Stanton Energy	564	1	11,294	6,910	6,570	340
FL	Stanton Energy	564	2	0	3,253	3,099	154
FL	Stock Island	6584	1	2,572	1	0	1
FL	Suwannee River	638	1	254	1,600	1,353	247
FL	Suwannee River	638	2	253	1,500	1,271	229
FL	Suwannee River	638	3	649	1,700	1,492	208
FL	Tiger Bay	7699	1	0	8	3	5
FL	Tom G Smith	673	S-3	9	89	62	27
FL	Tom G Smith	673	S-4	80	0	0	0
FL	Turkey Point	621	PTP1	5,870	5,803	5,510	293
FL	Turkey Point	621	PTP2	5,913	5,858	5,561	297
FL	University of Florida	7345	1	0	5	1	4
FL	Vero Beach Municipal	693	3	315	315	2	313

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
FL	Vero Beach Municipal	693	4	107	107	5	102
FL	Vero Beach Municipal	693	**5	317	317	1	316
GA	Arkwright	699	CS001 (1, 2, 3, 4)				
GA	Arkwright	699	1	1,449	5,811	1,236	4,575
GA	Arkwright	699	2	1,470	5,242	1,237	4,005
GA	Arkwright	699	3	1,539	10,423	1,237	9,186
GA	Arkwright	699	4	1,255	7,785	1,237	6,548
GA	Atkinson	700	A2	4	4	0	4
GA	Atkinson	700	A3	6	6	0	6
GA	Atkinson	700	A4	5	5	0	5
GA	Atkinson	700	A1A	2	2	0	2
GA	Atkinson	700	A1B	2	2	0	2
GA	Baconton	55304	CT1	0	3	0	3
GA	Baconton	55304	CT4	0	3	0	3
GA	Baconton	55304	CT5	0	3	0	3
GA	Baconton	55304	CT6	0	3	0	3
GA	Bowen	703	1BLR	23,617	46,592	28,958	17,634
GA	Bowen	703	2BLR	24,288	35,414	35,098	316
GA	Bowen	703	3BLR	30,942	117,749	41,479	76,270
GA	Bowen	703	4BLR	30,934	98,345	49,839	48,506
GA	Doyle Generating Facility	55244	CTG-1	0	1	0	1
GA	Doyle Generating Facility	55244	CTG-2	0	1	0	1
GA	Doyle Generating Facility	55244	CTG-3	0	1	0	1
GA	Doyle Generating Facility	55244	CTG-4	0	1	0	1
GA	Doyle Generating Facility	55244	CTG-5	0	1	0	1
GA	Hammond	708	CS001 (1, 2, 3)				
GA	Hammond	708	1	3,786	19,834	3,847	15,987
GA	Hammond	708	2	3,975	21,306	3,847	17,459
GA	Hammond	708	3	3,842	20,272	3,847	16,425
GA	Hammond	708	4	16,232	101,111	16,742	84,369
GA	Harlee Branch	709	CS001 (1, 2)				
GA	Harlee Branch	709	1	9,859	33,349	11,601	21,748
GA	Harlee Branch	709	2	11,661	52,722	11,601	41,121
GA	Harlee Branch	709	CS002 (3, 4)				
GA	Harlee Branch	709	3	16,044	46,490	23,182	23,308
GA	Harlee Branch	709	4	15,921	45,176	23,182	21,994
GA	Hartwell Energy Facility	70454	MAG1	0	2	1	1
GA	Hartwell Energy Facility	70454	MAG2	0	4	3	1
GA	Jack Mcdonough	710	CS001 (MB1, MB2)				
GA	Jack Mcdonough	710	MB1	8,584	45,622	14,121	31,501
GA	Jack Mcdonough	710	MB2	8,885	48,611	14,121	34,490
GA	Jackson County Combustion Turbine	7765	1	0	5	0	5
GA	Jackson County Combustion Turbine	7765	2	0	5	1	4
GA	Jackson County Combustion Turbine	7765	3	0	5	1	4

APPENDIX A: ACID RAIN PROGRAM - YEAR 2000 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
GA	Jackson County Combustion Turbine	7765	4	0	5	1	4
GA	Jackson County Combustion Turbine	7765	5	0	5	1	4
GA	Jackson County Combustion Turbine	7765	6	0	5	1	4
GA	Jackson County Combustion Turbine	7765	7	0	5	0	5
GA	Jackson County Combustion Turbine	7765	8	0	5	1	4
GA	Kraft	733	CS001 (1, 2, 3, 4)				
GA	Kraft	733	1	1,530	3,936	2,238	1,698
GA	Kraft	733	2	1,510	3,513	1,791	1,722
GA	Kraft	733	3	2,964	5,591	4,417	1,174
GA	Kraft	733	4	436	4	0	4
GA	McIntosh	6124	1	5,556	14,001	7,830	6,171
GA	McIntosh	6124	CT1	0	54	10	44
GA	McIntosh	6124	CT2	0	54	9	45
GA	McIntosh	6124	CT3	0	54	5	49
GA	McIntosh	6124	CT4	0	54	6	48
GA	McIntosh	6124	CT5	0	54	8	46
GA	McIntosh	6124	CT6	0	54	7	47
GA	McIntosh	6124	CT7	0	54	7	47
GA	McIntosh	6124	CT8	0	54	6	48
GA	Mcmanus	715	CS001 (1, 2)				
GA	Mcmanus	715	1	844	2,678	2,678	0
GA	Mcmanus	715	2	1,279	2,661	2,660	1
GA	Mid-Georgia Cogeneration	55040	1	0	25	20	5
GA	Mid-Georgia Cogeneration	55040	2	0	25	19	6
GA	Mitchell	727	3	5,463	35,688	4,929	30,759
GA	Monroe Power Plant	7764	1	0	10	5	5
GA	Riverside	734	12	5	5	0	5
GA	Robins	7348	CT1	0	30	29	1
GA	Robins	7348	CT2	0	20	17	3
GA	Scherer	6257	1	21,083	53,599	27,591	26,008
GA	Scherer	6257	2	21,232	44,705	25,697	19,008
GA	Scherer	6257	3	21,266	15,767	15,594	173
GA	Scherer	6257	4	21,242	22,412	22,404	8
GA	Sewell Creek Energy (Smarr 2)	7813	1	0	5	0	5
GA	Sewell Creek Energy (Smarr 2)	7813	2	0	5	0	5
GA	Sewell Creek Energy (Smarr 2)	7813	3	0	5	0	5
GA	Sewell Creek Energy (Smarr 2)	7813	4	0	5	0	5
GA	Smarr Energy Facility	7829	1	0	5	0	5
GA	Smarr Energy Facility	7829	2	0	5	0	5
GA	Sowega Power Project	7768	CT2	0	0	0	0
GA	Sowega Power Project	7768	CT3	0	0	0	0
GA	Wansley	6052	1	30,517	108,924	37,070	71,854
GA	Wansley	6052	2	28,211	102,622	32,148	70,474
GA	West Georgia Generating Co, LP	55267	1	0	12	9	3

APPENDIX A: ACID RAIN PROGRAM - YEAR 2000 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
GA	West Georgia Generating Co, LP	55267	2	0	3	1	2
GA	West Georgia Generating Co, LP	55267	3	0	12	9	3
GA	West Georgia Generating Co, LP	55267	4	0	7	5	2
GA	Yates	728	Y1BR	3,107	35,148	301	34,847
GA	Yates	728	CS001 (Y2BR, Y3BR)				
GA	Yates	728	Y2BR	3,036	20,222	3,342	16,880
GA	Yates	728	Y3BR	2,998	19,832	3,343	16,489
GA	Yates	728	CS002 (Y4BR, Y5BR)				
GA	Yates	728	Y4BR	3,843	25,223	4,145	21,078
GA	Yates	728	Y5BR	4,056	27,381	4,145	23,236
GA	Yates	728	Y6BR	10,678	77,524	16,277	61,247
GA	Yates	728	Y7BR	10,502	61,863	13,551	48,312
IA	Ames	1122	7	403	403	317	86
IA	Ames	1122	8	1,834	1,316	656	660
IA	Burlington (IA)	1104	1	4,499	22,314	6,374	15,940
IA	Council Bluffs	1082	1	1,110	1,310	1,221	89
IA	Council Bluffs	1082	2	1,651	1,951	1,898	53
IA	Council Bluffs	1082	3	15,956	18,153	17,718	435
IA	Des Moines	1083	10	163	1	0	1
IA	Des Moines	1083	11	244	2	0	2
IA	Des Moines	1083	**5	0	0	0	0
IA	Dubuque	1046	1	1,120	2,199	2,189	10
IA	Dubuque	1046	5	305	1,454	1,444	10
IA	Dubuque	1046	6	0	2	1	1
IA	Earl F Wisdom	1217	1	379	1,229	1,192	37
IA	Fair Station	1218	2	5,575	6,315	6,216	99
IA	George Neal North	1091	1	2,310	3,864	3,431	433
IA	George Neal North	1091	2	9,082	6,482	6,187	295
IA	George Neal North	1091	3	12,296	11,396	11,071	325
IA	George Neal South	7343	4	15,144	15,940	14,973	967
IA	Grinnell	7137	**2	189	0	0	0
IA	Lansing	1047	CS1 (1, 2)				
IA	Lansing	1047	1	0	35	27	8
IA	Lansing	1047	2	0	295	283	12
IA	Lansing	1047	3	478	948	933	15
IA	Lansing	1047	4	4,629	5,712	5,701	11
IA	Lime Creek	7155	**1	255	255	12	243
IA	Lime Creek	7155	**2	255	255	11	244
IA	Louisa	6664	101	15,593	15,181	14,779	402
IA	Maynard Station	1096	1	31	0	0	0
IA	Milton L Kapp	1048	2	5,795	38,797	4,922	33,875
IA	Muscatine	1167	8	1,362	2,990	2,511	479
IA	Muscatine	1167	9	2,027	2,027	646	1,381
IA	Na 1 -- 7230	7230	**2	0	0	0	0

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
IA	Ottumwa	6254	1	19,095	19,095	18,415	680
IA	Pella	1175	CS67 (6, 7)				
IA	Pella	1175	6	757	757	269	488
IA	Pella	1175	7	978	978	269	709
IA	Pella	1175	8	68	68	0	68
IA	Pleasant Hill Energy Center	7145	3	0	31	2	29
IA	Prairie Creek	1073	3	725	1,000	987	13
IA	Prairie Creek	1073	4	3,434	21,429	3,079	18,350
IA	Riverside	1081	9	1,745	3,198	2,507	691
IA	Sixth Street	1058	1	814	7	0	7
IA	Sixth Street	1058	2	177	322	313	9
IA	Sixth Street	1058	3	154	309	296	13
IA	Sixth Street	1058	4	77	309	229	80
IA	Sixth Street	1058	5	308	1,008	991	17
IA	Streeter Station	1131	7	554	754	524	230
IA	Sutherland	1077	1	199	899	893	6
IA	Sutherland	1077	2	376	696	667	29
IA	Sutherland	1077	3	2,191	3,191	3,113	78
ID	Rathdrum Combustion Turbine Project	7456	1	0	2	1	1
ID	Rathdrum Combustion Turbine Project	7456	2	0	2	1	1
IL	Baldwin	889	1	18,116	8,440	8,240	200
IL	Baldwin	889	2	19,154	5,533	5,333	200
IL	Baldwin	889	3	18,350	24,015	23,026	989
IL	Coffeen	861	CS0001 (01, 02)				
IL	Coffeen	861	01	5,085	15,183	14,588	595
IL	Coffeen	861	02	15,381	25,056	24,501	555
IL	Collins	6025	CS1230 (1, 2, 3)				
IL	Collins	6025	1	1,327	579	278	301
IL	Collins	6025	2	1,133	579	279	300
IL	Collins	6025	3	2,001	578	279	299
IL	Collins	6025	CS0405 (4, 5)				
IL	Collins	6025	4	1,633	519	218	301
IL	Collins	6025	5	1,810	518	219	299
IL	Crawford	867	7	7,236	4,291	3,991	300
IL	Crawford	867	8	9,850	5,641	5,341	300
IL	Dallman	963	CS3132 (31, 32)				
IL	Dallman	963	31	1,385	11,242	10,308	934
IL	Dallman	963	32	1,568	11,899	10,728	1,171
IL	Dallman	963	33	5,199	1,757	1,391	366
IL	Duck Creek	6016	1	11,201	11,201	11,115	86
IL	E D Edwards	856	1	2,899	16,766	16,435	331
IL	E D Edwards	856	2	6,916	18,066	16,964	1,102
IL	E D Edwards	856	3	9,125	23,935	23,410	525
IL	Elwood Energy Facility	55199	1	0	25	0	25

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
IL	Elwood Energy Facility	55199	2	0	25	0	25
IL	Elwood Energy Facility	55199	3	0	25	0	25
IL	Elwood Energy Facility	55199	4	0	25	0	25
IL	Fisk	886	19	10,032	5,148	4,848	300
IL	Freedom Power Project	7842	CT1	0	0	0	0
IL	Gibson City Power Plant	55201	GCTG1	0	5	0	5
IL	Gibson City Power Plant	55201	GCTG2	0	5	1	4
IL	Grand Tower	862	07	248	3,483	3,017	466
IL	Grand Tower	862	08	235	3,279	2,802	477
IL	Grand Tower	862	09	2,547	8,621	7,955	666
IL	Havana	891	1	35	82	68	14
IL	Havana	891	2	45	76	67	9
IL	Havana	891	3	35	66	55	11
IL	Havana	891	4	35	95	87	8
IL	Havana	891	5	35	71	61	10
IL	Havana	891	6	35	16	7	9
IL	Havana	891	7	35	35	28	7
IL	Havana	891	8	35	25	18	7
IL	Havana	891	9	8,805	11,518	10,586	932
IL	Hennepin	892	CS3 (1, 2)				
IL	Hennepin	892	1	2,018	1,404	1,204	200
IL	Hennepin	892	2	7,940	5,030	4,528	502
IL	Hutsonville	863	05	2,591	6,913	6,301	612
IL	Hutsonville	863	06	3,238	8,163	7,527	636
IL	Indeck-Rockford Energy Center	55238	0001	0	25	0	25
IL	Indeck-Rockford Energy Center	55238	0002	0	25	0	25
IL	Interstate	7425	1	0	5	1	4
IL	Joliet 29	384	CS7172 (71, 72)				
IL	Joliet 29	384	71	7,580	4,580	4,334	246
IL	Joliet 29	384	72	6,177	4,634	4,335	299
IL	Joliet 29	384	CS8182 (81, 82)				
IL	Joliet 29	384	81	7,296	5,296	5,258	38
IL	Joliet 29	384	82	7,558	5,559	5,259	300
IL	Joliet 9	874	5	8,676	4,508	4,309	199
IL	Joppa Steam	887	CS1 (1, 2)				
IL	Joppa Steam	887	1	5,288	46,424	6,540	39,884
IL	Joppa Steam	887	2	4,523	36,807	1,229	35,578
IL	Joppa Steam	887	CS2 (3, 4)				
IL	Joppa Steam	887	3	5,153	45,063	5,017	40,046
IL	Joppa Steam	887	4	4,773	40,253	2,359	37,894
IL	Joppa Steam	887	CS3 (5, 6)				
IL	Joppa Steam	887	5	4,795	37,849	5,313	32,536
IL	Joppa Steam	887	6	4,460	33,623	2,980	30,643
IL	Kincaid	876	CS0102 (1, 2)				

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IL	Kincaid	876	1	13,596	8,512	8,487	25
IL	Kincaid	876	2	14,982	9,987	9,962	25
IL	Lakeside	964	CS0078 (7, 8)				
IL	Lakeside	964	7	2,554	2,537	2,131	406
IL	Lakeside	964	8	1,446	1,437	1,198	239
IL	Lincoln Generating Facility LLC	55222	CTG-1	0	2	0	2
IL	Lincoln Generating Facility LLC	55222	CTG-2	0	2	0	2
IL	Lincoln Generating Facility LLC	55222	CTG-3	0	2	0	2
IL	Lincoln Generating Facility LLC	55222	CTG-4	0	2	0	2
IL	Lincoln Generating Facility LLC	55222	CTG-5	0	2	0	2
IL	Lincoln Generating Facility LLC	55222	CTG-6	0	2	0	2
IL	Lincoln Generating Facility LLC	55222	CTG-7	0	2	0	2
IL	Lincoln Generating Facility LLC	55222	CTG-8	0	2	0	2
IL	Marion	976	CS0001 (1, 2)				
IL	Marion	976	1	2,080	5,480	3,032	2,448
IL	Marion	976	2	2,130	3,951	3,032	919
IL	Marion	976	3	2,310	7,310	4,417	2,893
IL	Marion	976	4	6,841	11,570	3,151	8,419
IL	MEPI GT Facility	7858	1	0	5	0	5
IL	MEPI GT Facility	7858	2	0	5	0	5
IL	MEPI GT Facility	7858	3	0	5	0	5
IL	MEPI GT Facility	7858	4	0	5	0	5
IL	MEPI GT Facility	7858	5	0	5	0	5
IL	Meredosia	864	CS0001 (01, 02, 03, 04)				
IL	Meredosia	864	01	298	2,682	2,230	452
IL	Meredosia	864	02	322	3,130	2,470	660
IL	Meredosia	864	03	280	2,942	2,426	516
IL	Meredosia	864	04	255	3,571	3,100	471
IL	Meredosia	864	05	5,991	12,382	11,959	423
IL	Meredosia	864	06	46	679	327	352
IL	Newton	6017	1	16,185	8,065	7,371	694
IL	Newton	6017	2	13,932	9,056	8,587	469
IL	Pinckneyville Power Plant	55202	CT01	0	0	0	0
IL	Pinckneyville Power Plant	55202	CT02	0	0	0	0
IL	Pinckneyville Power Plant	55202	CT03	0	0	0	0
IL	Pinckneyville Power Plant	55202	CT04	0	0	0	0
IL	Powerton	879	CS0506 (51, 52, 61, 62)				
IL	Powerton	879	51	10,704	5,993	5,693	300
IL	Powerton	879	52	10,574	5,993	5,693	300
IL	Powerton	879	61	10,516	5,993	5,693	300
IL	Powerton	879	62	10,599	5,822	5,693	129
IL	R S Wallace	859	9	901	0	0	0
IL	R S Wallace	859	10	2,432	0	0	0
IL	Rocky Road Power, LLC	55109	T1	0	0	0	0

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IL	Rocky Road Power, LLC	55109	T2	0	0	0	0
IL	Rocky Road Power, LLC	55109	T3	0	0	0	0
IL	Rocky Road Power, LLC	55109	T4	0	0	0	0
IL	Shelby Energy Center	55237	CP1 (SCE1, SCE2, SCE3, SCE4, SCE5, SCE6)				
IL	Shelby Energy Center	55237	SCE1	0	0	0	0
IL	Shelby Energy Center	55237	SCE2	0	0	0	0
IL	Shelby Energy Center	55237	SCE3	0	0	0	0
IL	Shelby Energy Center	55237	SCE4	0	0	0	0
IL	Shelby Energy Center	55237	SCE5	0	0	0	0
IL	Shelby Energy Center	55237	SCE6	0	0	0	0
IL	Tilton	7760	1	0	0	0	0
IL	Tilton	7760	2	0	0	0	0
IL	Tilton	7760	3	0	0	0	0
IL	Tilton	7760	4	0	0	0	0
IL	Venice	913	1	5	5	0	5
IL	Venice	913	2	2	2	0	2
IL	Venice	913	3	17	7	0	7
IL	Venice	913	4	14	4	0	4
IL	Venice	913	5	10	10	1	9
IL	Venice	913	6	10	10	1	9
IL	Venice	913	7	2	12	2	10
IL	Venice	913	8	2	12	3	9
IL	Vermilion	897	CS3 (1, 2)				
IL	Vermilion	897	1	2,835	6,167	5,720	447
IL	Vermilion	897	2	3,831	7,712	7,281	431
IL	Waukegan	883	7	8,214	7,161	6,886	275
IL	Waukegan	883	8	7,840	8,881	8,544	337
IL	Waukegan	883	17	3,104	2,328	2,220	108
IL	Will County	884	1	5,322	2,492	2,309	183
IL	Will County	884	2	4,850	2,648	2,348	300
IL	Will County	884	3	6,995	5,247	5,092	155
IL	Will County	884	4	13,804	6,781	6,481	300
IL	Wood River	898	CS1 (1, 2, 3)				
IL	Wood River	898	1	3	6	0	6
IL	Wood River	898	2	3	3	0	3
IL	Wood River	898	3	3	3	0	3
IL	Wood River	898	4	2,259	3,077	2,894	183
IL	Wood River	898	5	9,481	11,543	10,675	868
IN	A B Brown	6137	1	5,358	5,358	4,589	769
IN	A B Brown	6137	2	4,530	4,530	2,274	2,256
IN	A B Brown	6137	3	639	639	1	638
IN	Anderson	7336	ACT1	0	5	2	3
IN	Anderson	7336	ACT2	0	5	1	4
IN	Bailly	995	XS12 (7, 8)				

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IN	Bailly	995	7	4,812	3,133	2,787	346
IN	Bailly	995	8	6,871	9,585	2,358	7,227
IN	Breed	984	1	7,977	17,889	0	17,889
IN	Cayuga	1001	1	14,390	38,812	34,978	3,834
IN	Cayuga	1001	2	14,715	34,313	30,755	3,558
IN	Cayuga	1001	4	0	15	1	14
IN	Clifty Creek	983	CS001 (1, 2, 3)				
IN	Clifty Creek	983	1	8,465	7,754	7,253	501
IN	Clifty Creek	983	2	8,324	7,754	7,254	500
IN	Clifty Creek	983	3	8,573	7,754	7,254	500
IN	Clifty Creek	983	CS002 (4, 5, 6)				
IN	Clifty Creek	983	4	8,434	7,473	6,973	500
IN	Clifty Creek	983	5	8,132	7,473	6,972	501
IN	Clifty Creek	983	6	8,560	7,473	6,972	501
IN	Dean H Mitchell	996	CS45 (4, 5)				
IN	Dean H Mitchell	996	4	3,116	889	760	129
IN	Dean H Mitchell	996	5	3,018	2,072	1,698	374
IN	Dean H Mitchell	996	CS611 (6, 11)				
IN	Dean H Mitchell	996	6	2,970	2,009	1,961	48
IN	Dean H Mitchell	996	11	2,658	2,358	1,946	412
IN	Edwardsport	1004	6-1	0	29	12	17
IN	Edwardsport	1004	7-1	347	4,281	3,961	320
IN	Edwardsport	1004	7-2	354	4,005	3,674	331
IN	Edwardsport	1004	8-1	375	3,475	3,147	328
IN	Elmer W Stout	990	1	0	0	0	0
IN	Elmer W Stout	990	2	0	0	0	0
IN	Elmer W Stout	990	3	0	0	0	0
IN	Elmer W Stout	990	4	0	0	0	0
IN	Elmer W Stout	990	5	0	0	0	0
IN	Elmer W Stout	990	6	0	0	0	0
IN	Elmer W Stout	990	7	0	0	0	0
IN	Elmer W Stout	990	8	0	0	0	0
IN	Elmer W Stout	990	9	1	51	3	48
IN	Elmer W Stout	990	10	2	52	2	50
IN	Elmer W Stout	990	50	1,674	8,040	7,778	262
IN	Elmer W Stout	990	60	2,058	7,849	7,610	239
IN	Elmer W Stout	990	70	10,180	25,679	24,906	773
IN	Elmer W Stout	990	GT4	0	50	6	44
IN	Elmer W Stout	990	GT5	0	50	6	44
IN	F B Culley	1012	1	827	2,227	2,147	80
IN	F B Culley	1012	XS23 (2, 3)				
IN	F B Culley	1012	2	1,759	9,872	9,590	282
IN	F B Culley	1012	3	7,318	36,724	0	36,724
IN	Frank E Ratts	1043	1SG1	3,593	11,715	11,195	520

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IN	Frank E Ratts	1043	2SG1	3,660	13,534	11,855	1,679
IN	Georgetown	7759	GT1	0	0	0	0
IN	Georgetown	7759	GT2	0	0	0	0
IN	Georgetown	7759	GT3	0	0	0	0
IN	Gibson	6113	CS0003 (1, 2)				
IN	Gibson	6113	1	17,420	72,443	50,620	21,823
IN	Gibson	6113	2	17,683	66,582	44,026	22,556
IN	Gibson	6113	XS34 (3, 4)				
IN	Gibson	6113	3	17,714	67,512	28,075	39,437
IN	Gibson	6113	4	17,389	183,311	28,075	155,236
IN	Gibson	6113	5	18,187	26,576	20,708	5,868
IN	H T Pritchard	991	1	0	31	4	27
IN	H T Pritchard	991	2	1	141	8	133
IN	H T Pritchard	991	CS592 (3, 4)				
IN	H T Pritchard	991	3	240	3,457	3,346	111
IN	H T Pritchard	991	4	533	3,883	3,713	170
IN	H T Pritchard	991	CS596 (5, 6)				
IN	H T Pritchard	991	5	596	3,728	3,612	116
IN	H T Pritchard	991	6	2,488	7,200	6,980	220
IN	Merom	6213	1SG1	14,925	8,325	7,535	790
IN	Merom	6213	2SG1	14,823	9,817	9,285	532
IN	Michigan City	997	4	909	0	0	0
IN	Michigan City	997	5	1,010	0	0	0
IN	Michigan City	997	6	1,019	0	0	0
IN	Michigan City	997	12	10,052	24,694	11,298	13,396
IN	Mirant State Line Energy, LLC (IN)	981	3	4,726	3,920	3,895	25
IN	Mirant State Line Energy, LLC (IN)	981	4	6,924	5,124	5,099	25
IN	Na 1 -- 7221	7221	**1	0	0	0	0
IN	Na 1 -- 7221	7221	**3	0	0	0	0
IN	Na 1 -- 7221	7221	**4	0	0	0	0
IN	Na 1 -- 7228	7228	**2	0	0	0	0
IN	Na 1 -- 7228	7228	**3	0	0	0	0
IN	Noblesville	1007	1	66	2,357	2,312	45
IN	Noblesville	1007	2	54	2,332	2,298	34
IN	Noblesville	1007	3	40	2,292	2,264	28
IN	Perry K Steam Plant	992	11	432	32	18	14
IN	Petersburg	994	1	7,088	1,719	1,638	81
IN	Petersburg	994	2	13,965	3,240	3,121	119
IN	Petersburg	994	3	16,886	20,939	20,321	618
IN	Petersburg	994	4	16,155	17,485	16,975	510
IN	R Gallagher	1008	CS0001 (1, 2)				
IN	R Gallagher	1008	1	2,909	16,857	15,379	1,478
IN	R Gallagher	1008	2	3,138	15,880	14,686	1,194
IN	R Gallagher	1008	CS0002 (3, 4)				

APPENDIX A: ACID RAIN PROGRAM - YEAR 2000 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
IN	R Gallagher	1008	3	2,815	16,425	14,902	1,523
IN	R Gallagher	1008	4	2,933	15,511	14,041	1,470
IN	R M Schahfer	6085	14	10,357	11,403	11,319	84
IN	R M Schahfer	6085	15	10,693	13,370	13,281	89
IN	R M Schahfer	6085	17	5,224	6,185	5,629	556
IN	R M Schahfer	6085	18	5,189	4,939	4,706	233
IN	Richmond (IN)	7335	RCT1	0	19	2	17
IN	Richmond (IN)	7335	RCT2	0	5	2	3
IN	Rockport	6166	CS012 (MB1, MB2)				
IN	Rockport	6166	MB1	33,003	42,462	32,940	9,522
IN	Rockport	6166	MB2	33,003	33,003	30,449	2,554
IN	Tanners Creek	988	CS013 (U1, U2, U3)				
IN	Tanners Creek	988	U1	2,776	4,945	4,800	145
IN	Tanners Creek	988	U2	2,798	5,234	5,081	153
IN	Tanners Creek	988	U3	4,080	6,854	6,653	201
IN	Tanners Creek	988	U4	10,705	118,159	50,912	67,247
IN	Vermillion Generating Station	55111	1	0	4	0	4
IN	Vermillion Generating Station	55111	2	0	4	0	4
IN	Vermillion Generating Station	55111	3	0	4	0	4
IN	Vermillion Generating Station	55111	4	0	4	0	4
IN	Vermillion Generating Station	55111	5	0	4	0	4
IN	Vermillion Generating Station	55111	6	0	4	0	4
IN	Vermillion Generating Station	55111	7	0	4	0	4
IN	Vermillion Generating Station	55111	8	0	4	0	4
IN	Wabash River	1010	1	1,723	17,223	657	16,566
IN	Wabash River	1010	CS0005 (2, 3, 4, 5, 6)				
IN	Wabash River	1010	2	1,392	7,151	6,534	617
IN	Wabash River	1010	3	1,616	12,078	7,574	4,504
IN	Wabash River	1010	4	1,532	6,723	6,091	632
IN	Wabash River	1010	5	1,582	9,662	8,859	803
IN	Wabash River	1010	6	5,295	30,947	28,756	2,191
IN	Warrick	6705	1	30,372	20,606	20,583	23
IN	Warrick	6705	2	30,732	29,037	20,069	8,968
IN	Warrick	6705	3	27,668	19,201	19,140	61
IN	Warrick	6705	4	10,509	32,487	31,595	892
IN	Warrick	6705	XS123 (1, 2, 3)				
IN	Whitewater Valley	1040	CS12 (1, 2)				
IN	Whitewater Valley	1040	1	2,237	2,237	2,226	11
IN	Whitewater Valley	1040	2	6,695	9,895	9,847	48
KS	Arthur Mullergren	1235	3	1	1	1	0
KS	Cimarron River	1230	1	12	12	1	11
KS	Coffeyville	1271	4	11	11	0	11
KS	East 12Th St	7013	4	10	10	0	10
KS	Garden City	1336	S-2	0	10	1	9

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
KS	Gordon Evans	1240	1	64	244	229	15
KS	Gordon Evans	1240	2	25	418	378	40
KS	Gordon Evans	1240	E1CT	0	10	4	6
KS	Gordon Evans	1240	E2CT	0	10	2	8
KS	Holcomb	108	SGU1	4,011	2,501	2,094	407
KS	Hutchinson	1248	CP001(1,2,3)				
KS	Hutchinson	1248	1	0	0	0	0
KS	Hutchinson	1248	2	0	0	0	0
KS	Hutchinson	1248	3	0	0	0	0
KS	Hutchinson	1248	4	18	1,098	997	101
KS	Jeffrey Energy Centr	6068	1	17,113	18,774	18,184	590
KS	Jeffrey Energy Centr	6068	2	18,087	20,383	19,771	612
KS	Jeffrey Energy Centr	6068	3	20,635	21,235	20,540	695
KS	Judson Large	1233	4	39	39	2	37
KS	Kaw	1294	1	787	2	0	2
KS	Kaw	1294	2	619	0	0	0
KS	Kaw	1294	3	516	2	0	2
KS	La Cygne	1241	1	17,946	11,431	9,698	1,733
KS	La Cygne	1241	2	15,061	21,161	20,983	178
KS	Lawrence	1250	2	2	2	0	2
KS	Lawrence	1250	3	2,148	2,148	1,480	668
KS	Lawrence	1250	4	1,819	539	219	320
KS	Lawrence	1250	5	5,377	1,677	1,262	415
KS	Mcpherson 2	1305	1	1	76	7	69
KS	McPherson 3	7515	1	0	40	1	39
KS	Murray Gill	1242	1	1	1	0	1
KS	Murray Gill	1242	2	5	5	0	5
KS	Murray Gill	1242	3	50	430	388	42
KS	Murray Gill	1242	4	62	1,262	1,162	100
KS	Nearman Creek	6064	N1	6,930	8,987	7,596	1,391
KS	Neosho	1243	7	13	33	16	17
KS	Quindaro	1295	1	2,032	2,032	1,031	1,001
KS	Quindaro	1295	2	2,079	7,486	2,139	5,347
KS	Ripley	1244	**2	0	0	0	0
KS	Ripley	1244	**3	0	0	0	0
KS	Riverton	1239	39	1,039	2,539	1,798	741
KS	Riverton	1239	40	1,764	1,264	892	372
KS	Tecumseh	1252	9	2,256	2,036	1,785	251
KS	Tecumseh	1252	10	3,916	3,916	3,624	292
KS	Wamego	1328	7	0	0	0	0
KY	Big Sandy	1353	CS012 (BSU1, BSU2)				
KY	Big Sandy	1353	BSU1	6,430	20,271	13,980	6,291
KY	Big Sandy	1353	BSU2	19,718	47,911	37,830	10,081
KY	Cane Run	1363	3	39	0	0	0

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
KY	Cane Run	1363	4	4,522	6,958	6,245	713
KY	Cane Run	1363	5	4,341	5,341	5,329	12
KY	Cane Run	1363	6	5,500	6,103	5,865	238
KY	Cane Run	1363	**12	0	0	0	0
KY	Cane Run	1363	**13	0	0	0	0
KY	Coleman	1381	C1	4,854	16,210	15,485	725
KY	Coleman	1381	C2	5,536	15,268	14,362	906
KY	Coleman	1381	C3	5,324	16,266	15,350	916
KY	Cooper	1384	CS1 (1, 2)				
KY	Cooper	1384	1	3,210	9,124	5,974	3,150
KY	Cooper	1384	2	6,608	20,595	12,128	8,467
KY	D B Wilson	6823	W1	12,465	10,965	10,109	856
KY	Dale	1385	CS2 (3, 4)				
KY	Dale	1385	3	1,984	3,184	3,143	41
KY	Dale	1385	4	1,847	3,247	3,143	104
KY	E W Brown	1355	1	3,066	18,432	7,867	10,565
KY	E W Brown	1355	CS003 (2, 3)				
KY	E W Brown	1355	2	5,807	28,632	10,855	17,777
KY	E W Brown	1355	3	11,254	71,257	31,638	39,619
KY	E W Brown	1355	6	0	100	10	90
KY	E W Brown	1355	7	0	100	10	90
KY	E W Brown	1355	8	0	100	0	100
KY	E W Brown	1355	9	0	100	0	100
KY	E W Brown	1355	10	0	100	0	100
KY	E W Brown	1355	11	0	100	0	100
KY	East Bend	6018	2	18,322	25,898	14,850	11,048
KY	Elmer Smith	1374	XS12 (1, 2)				
KY	Elmer Smith	1374	1	2,805	8,330	2,057	6,273
KY	Elmer Smith	1374	2	6,213	18,464	4,799	13,665
KY	Ghent	1356	1	12,252	103,708	4,109	99,599
KY	Ghent	1356	2	12,737	17,737	17,240	497
KY	Ghent	1356	CS002 (3, 4)				
KY	Ghent	1356	3	13,960	19,960	18,815	1,145
KY	Ghent	1356	4	13,717	19,717	19,022	695
KY	Green River	1357	XS123 (1, 2, 3)				
KY	Green River	1357	1	130	130	125	5
KY	Green River	1357	2	851	851	174	677
KY	Green River	1357	3	744	744	223	521
KY	Green River	1357	4	2,826	12,826	9,987	2,839
KY	Green River	1357	5	3,372	14,229	12,851	1,378
KY	H L Spurlock	6041	1	9,824	40,954	16,300	24,654
KY	H L Spurlock	6041	2	16,591	25,618	22,352	3,266
KY	Henderson I	1372	6	810	810	698	112
KY	Hmp&L Station 2	1382	H1	5,758	11,746	2,794	8,952

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
KY	Hmp&L Station 2	1382	H2	5,936	9,289	3,108	6,181
KY	J K Smith	54	SCT1	0	10	0	10
KY	J K Smith	54	SCT2	0	10	1	9
KY	J K Smith	54	SCT3	0	10	0	10
KY	Mill Creek	1364	1	8,082	8,082	7,677	405
KY	Mill Creek	1364	2	8,142	10,142	9,841	301
KY	Mill Creek	1364	3	10,982	9,982	8,806	1,176
KY	Mill Creek	1364	4	13,622	8,622	8,179	443
KY	Na 1 -- 7220	7220	**3	0	0	0	0
KY	Na 1 -- 7220	7220	**4	0	0	0	0
KY	Na 1 -- 7220	7220	**5	0	0	0	0
KY	Paradise	1378	1	10,821	20,321	17,733	2,588
KY	Paradise	1378	2	12,304	24,804	24,387	417
KY	Paradise	1378	3	25,513	183,941	102,920	81,021
KY	Pineville	1360	3	914	2,914	1,449	1,465
KY	R D Green	6639	G1	5,294	2,617	1,838	779
KY	R D Green	6639	G2	6,378	2,616	1,544	1,072
KY	Robert Reid	1383	R1	942	8,942	7,439	1,503
KY	Shawnee	1379	CSSH15 (1, 2, 3, 4, 5)				
KY	Shawnee	1379	1	3,644	4,144	3,495	649
KY	Shawnee	1379	2	3,673	4,173	3,324	849
KY	Shawnee	1379	3	3,708	4,708	4,022	686
KY	Shawnee	1379	4	3,594	4,094	3,678	416
KY	Shawnee	1379	5	3,826	4,326	3,895	431
KY	Shawnee	1379	CSSH60 (6, 7, 8, 9, 10)				
KY	Shawnee	1379	6	3,712	3,712	2,604	1,108
KY	Shawnee	1379	7	3,640	4,640	3,794	846
KY	Shawnee	1379	8	3,571	4,571	3,877	694
KY	Shawnee	1379	9	3,666	4,166	3,405	761
KY	Shawnee	1379	10	4,895	4,992	1,993	2,999
KY	Trimble County	6071	1	9,634	9,969	7,583	2,386
KY	Tyrone	1361	1	0	0	0	0
KY	Tyrone	1361	2	0	0	0	0
KY	Tyrone	1361	3	0	0	0	0
KY	Tyrone	1361	4	0	0	0	0
KY	Tyrone	1361	5	1,713	3,713	2,607	1,106
LA	A B Paterson	1407	3	7	2	0	2
LA	A B Paterson	1407	4	8	2	0	2
LA	Arsenal Hill	1416	5A	30	30	1	29
LA	Big Cajun 1	1464	1B1	27	27	1	26
LA	Big Cajun 1	1464	1B2	27	27	4	23
LA	Big Cajun 2	6055	2B1	14,868	16,079	16,069	10
LA	Big Cajun 2	6055	2B2	14,640	17,036	17,026	10
LA	Big Cajun 2	6055	2B3	14,657	17,304	17,289	15

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LA	Calcasieu Power, LLC	55165	GTG1	0	0	0	0
LA	D G Hunter	6558	3	0	0	0	0
LA	D G Hunter	6558	4	32	32	15	17
LA	Doc Bonin	1443	1	12	12	1	11
LA	Doc Bonin	1443	2	24	24	1	23
LA	Doc Bonin	1443	3	45	45	1	44
LA	Dolet Hills	51	1	20,501	20,501	19,518	983
LA	Evangeline (Coughlin)	1396	6	46	0	0	0
LA	Evangeline (Coughlin)	1396	7	128	0	0	0
LA	Evangeline (Coughlin)	1396	6-1	0	46	2	44
LA	Evangeline (Coughlin)	1396	7-1	0	64	1	63
LA	Evangeline (Coughlin)	1396	7-2	0	64	1	63
LA	Houma	1439	15	10	10	0	10
LA	Houma	1439	16	14	14	0	14
LA	Lieberman	1417	3	86	111	102	9
LA	Lieberman	1417	4	72	47	4	43
LA	Little Gypsy	1402	1	245	245	1	244
LA	Little Gypsy	1402	2	378	378	13	365
LA	Little Gypsy	1402	3	543	543	5	538
LA	Louisiana 1	1391	1A	116	6	3	3
LA	Louisiana 1	1391	2A	2	7	2	5
LA	Louisiana 1	1391	3A	2	7	2	5
LA	Louisiana 1	1391	4A	0	36	18	18
LA	Louisiana 1	1391	5A	0	33	19	14
LA	Louisiana 2	1392	10	0	2	0	2
LA	Louisiana 2	1392	11	0	2	0	2
LA	Louisiana 2	1392	12	0	2	0	2
LA	Michoud	1409	1	71	3	1	2
LA	Michoud	1409	2	106	5	3	2
LA	Michoud	1409	3	491	2,321	2,252	69
LA	Monroe	1448	11	13	13	0	13
LA	Monroe	1448	12	45	45	0	45
LA	Morgan City	1449	4	5	5	0	5
LA	Natchitoches	1450	10	0	1	0	1
LA	Ninemile Point	1403	1	62	62	1	61
LA	Ninemile Point	1403	2	112	112	2	110
LA	Ninemile Point	1403	3	96	96	1	95
LA	Ninemile Point	1403	4	691	691	163	528
LA	Ninemile Point	1403	5	930	930	11	919
LA	Opelousas	1454	10	1	1	0	1
LA	R S Nelson	1393	3	39	4	2	2
LA	R S Nelson	1393	4	123	8	7	1
LA	R S Nelson	1393	6	19,569	20,834	20,422	412
LA	Rodemacher	6190	1	3,249	3,249	136	3,113

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LA	Rodemacher	6190	2	18,909	18,909	14,703	4,206
LA	Ruston	1458	2	4	4	0	4
LA	Ruston	1458	3	5	5	0	5
LA	Sterlington	1404	10	174	174	2	172
LA	Sterlington	1404	7C	0	15	5	10
LA	Sterlington	1404	7AB	72	57	2	55
LA	Teche	1400	2	27	27	1	26
LA	Teche	1400	3	446	446	58	388
LA	Waterford 1 & 2	8056	1	4,554	4,554	1,183	3,371
LA	Waterford 1 & 2	8056	2	3,535	3,535	627	2,908
LA	Willow Glen	1394	1	99	4	1	3
LA	Willow Glen	1394	2	26	6	3	3
LA	Willow Glen	1394	3	93	8	3	5
LA	Willow Glen	1394	4	291	11	6	5
LA	Willow Glen	1394	5	458	746	707	39
MA	Berkshire Power	55041	1	0	10	3	7
MA	Brayton Point	1619	1	8,481	10,873	9,370	1,503
MA	Brayton Point	1619	2	8,911	10,532	9,070	1,462
MA	Brayton Point	1619	3	18,625	22,505	21,427	1,078
MA	Brayton Point	1619	4	12,139	4,959	4,719	240
MA	Canal	1599	1	13,235	13,235	12,472	763
MA	Canal	1599	2	17,999	12,999	11,376	1,623
MA	Cannon Street	1616	3	374	374	0	374
MA	Cleary Flood	1682	8	143	158	137	21
MA	Cleary Flood	1682	9	2,679	2,664	142	2,522
MA	Dighton	55026	1	0	34	2	32
MA	Kendall Square	1595	CS12 (1, 2)				
MA	Kendall Square	1595	1	199	199	45	154
MA	Kendall Square	1595	2	208	208	46	162
MA	Kendall Square	1595	3	421	421	94	327
MA	Millennium Power Partners, L.P.	55079	1	0	5	0	5
MA	Mount Tom	1606	1	6,347	12,440	7,373	5,067
MA	Mystic	1588	4	2,607	1,607	1,103	504
MA	Mystic	1588	5	3,092	2,092	1,116	976
MA	Mystic	1588	6	3,076	2,076	1,016	1,060
MA	Mystic	1588	7	17,244	7,604	6,149	1,455
MA	New Boston	1589	1	6,158	58	1	57
MA	New Boston	1589	2	6,324	64	1	63
MA	Salem Harbor	1626	1	3,339	3,753	3,576	177
MA	Salem Harbor	1626	2	3,408	4,072	3,877	195
MA	Salem Harbor	1626	3	5,461	5,885	5,603	282
MA	Salem Harbor	1626	4	12,571	7,834	7,458	376
MA	Somerset	1613	1	0	0	0	0
MA	Somerset	1613	2	0	0	0	0

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MA	Somerset	1613	3	0	0	0	0
MA	Somerset	1613	4	0	0	0	0
MA	Somerset	1613	5	0	0	0	0
MA	Somerset	1613	6	0	0	0	0
MA	Somerset	1613	7	2,765	1,715	0	1,715
MA	Somerset	1613	8	3,985	5,035	5,023	12
MA	West Springfield	1642	1	378	352	0	352
MA	West Springfield	1642	2	356	331	0	331
MA	West Springfield	1642	3	3,012	2,803	840	1,963
MD	Brandon Shores	602	1	18,510	32,099	28,465	3,634
MD	Brandon Shores	602	2	7,795	27,834	21,235	6,599
MD	C P Crane	1552	1	4,349	24,129	15,633	8,496
MD	C P Crane	1552	2	4,043	16,705	15,044	1,661
MD	Chalk Point	1571	CSE12 (1, 2)				
MD	Chalk Point	1571	1	9,202	19,202	17,258	1,944
MD	Chalk Point	1571	2	10,219	17,219	15,343	1,876
MD	Chalk Point	1571	3	12,610	12,503	1,643	10,860
MD	Chalk Point	1571	4	3,557	2,600	1,215	1,385
MD	Chalk Point	1571	**GT3	707	707	5	702
MD	Chalk Point	1571	**GT4	707	707	5	702
MD	Chalk Point	1571	**GT5	894	894	17	877
MD	Chalk Point	1571	**GT6	894	894	4	890
MD	Dickerson	1572	XS123 (1, 2, 3)				
MD	Dickerson	1572	1	5,848	8,848	8,145	703
MD	Dickerson	1572	2	5,500	13,500	11,763	1,737
MD	Dickerson	1572	3	5,846	10,846	9,305	1,541
MD	Dickerson	1572	CW1	0	0	0	0
MD	Dickerson	1572	GT2	1,082	1,082	0	1,082
MD	Dickerson	1572	GT3	1,082	1,082	2	1,080
MD	Dickerson	1572	HCT3	0	0	0	0
MD	Dickerson	1572	HCT4	0	0	0	0
MD	Easton 2	4257	**25	0	0	0	0
MD	Easton 2	4257	**26	0	0	0	0
MD	Easton 2	4257	**27	0	0	0	0
MD	Gould Street	1553	3	821	814	582	232
MD	Herbert A Wagner	1554	1	1,291	1,418	813	605
MD	Herbert A Wagner	1554	2	1,299	7,316	5,610	1,706
MD	Herbert A Wagner	1554	3	8,381	17,858	14,939	2,919
MD	Herbert A Wagner	1554	4	1,520	2,800	2,240	560
MD	Morgantown	1573	1	16,932	43,263	37,896	5,367
MD	Morgantown	1573	2	16,189	43,189	37,722	5,467
MD	Nanticoke	4207	**ST1	0	0	0	0
MD	Panda Brandywine	54832	1	0	1	1	0
MD	Panda Brandywine	54832	2	0	1	1	0

APPENDIX A: ACID RAIN PROGRAM - YEAR 2000 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
MD	Perryman	1556	**51	0	2,401	134	2,267
MD	Perryman	1556	**52	0	0	0	0
MD	Perryman	1556	**61	0	0	0	0
MD	Perryman	1556	**62	0	0	0	0
MD	R P Smith	1570	9	634	722	482	240
MD	R P Smith	1570	11	2,314	4,117	4,017	100
MD	Riverside	1559	1	189	0	0	0
MD	Riverside	1559	2	171	0	0	0
MD	Riverside	1559	3	354	0	0	0
MD	Riverside	1559	4	455	4	0	4
MD	Riverside	1559	5	294	0	0	0
MD	Vienna	1564	8	3,645	3,645	3,312	333
MD	Westport	1560	3	186	0	0	0
MD	Westport	1560	4	258	0	0	0
ME	Androscoggin Cogeneration Center	55031	CT01	0	2	2	0
ME	Androscoggin Cogeneration Center	55031	CT02	0	2	2	0
ME	Androscoggin Cogeneration Center	55031	CT03	0	2	0	2
ME	Graham Station	1470	5	344	3	0	3
ME	Maine Independence Station	55068	1	0	10	2	8
ME	Maine Independence Station	55068	2	0	10	2	8
ME	Mason Steam	1496	3	2	8	4	4
ME	Mason Steam	1496	4	1	7	4	3
ME	Mason Steam	1496	5	1	9	5	4
ME	Rumford Power Associates	55100	1	0	33	1	32
ME	William F Wyman	1507	1	1,159	1,159	894	265
ME	William F Wyman	1507	2	1,161	1,161	876	285
ME	William F Wyman	1507	3	2,946	5,018	4,124	894
ME	William F Wyman	1507	4	6,274	6,274	4,678	1,596
MI	48th Street Peaking Station	7258	9	0	10	0	10
MI	48th Street Peaking Station	7258	**7	298	88	5	83
MI	48th Street Peaking Station	7258	**8	298	98	1	97
MI	B C Cobb	1695	1	1,142	63,186	0	63,186
MI	B C Cobb	1695	2	1,229	2,022	0	2,022
MI	B C Cobb	1695	3	1,223	1,223	0	1,223
MI	B C Cobb	1695	4	4,573	9,950	8,291	1,659
MI	B C Cobb	1695	5	4,695	9,349	7,790	1,559
MI	Belle River	6034	1	18,505	18,505	15,178	3,327
MI	Belle River	6034	2	18,769	18,769	14,179	4,590
MI	Belle River	6034	CTG121	0	5	0	5
MI	Belle River	6034	CTG122	0	5	0	5
MI	Belle River	6034	CTG131	0	5	0	5
MI	Connors Creek	1726	15	4,285	171	0	171
MI	Connors Creek	1726	16	4,279	981	0	981
MI	Connors Creek	1726	17	4,034	4,034	0	4,034

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
MI	Conners Creek	1726	18	3,353	3,353	0	3,353
MI	Dan E Karn	1702	1	8,388	12,737	8,614	4,123
MI	Dan E Karn	1702	2	8,567	13,097	8,914	4,183
MI	Dan E Karn	1702	CS0009 (3, 4)				
MI	Dan E Karn	1702	3	1,020	3,912	3,259	653
MI	Dan E Karn	1702	4	948	3,468	2,890	578
MI	Dearborn Industrial Generation	55088	GTP1	0	0	0	0
MI	Delray	1728	7	0	0	0	0
MI	Delray	1728	8	12	12	0	12
MI	Delray	1728	9	0	0	0	0
MI	Delray	1728	10	14	14	0	14
MI	Delray	1728	11	0	0	0	0
MI	Delray	1728	12	14	14	0	14
MI	Delray	1728	CTG111	0	5	0	5
MI	Delray	1728	CTG121	0	5	0	5
MI	Eckert Station	1831	1	1,298	1,298	779	519
MI	Eckert Station	1831	2	1,354	1,354	727	627
MI	Eckert Station	1831	3	1,327	1,327	576	751
MI	Eckert Station	1831	4	2,223	2,223	1,775	448
MI	Eckert Station	1831	5	2,666	2,666	1,833	833
MI	Eckert Station	1831	6	2,343	2,343	988	1,355
MI	Endicott Generating	4259	1	1,810	1,810	755	1,055
MI	Erickson	1832	1	6,646	6,646	6,504	142
MI	Greenwood	6035	1	539	1,696	1,157	539
MI	Greenwood	6035	CTG111	0	5	0	5
MI	Greenwood	6035	CTG112	0	5	0	5
MI	Greenwood	6035	CTG121	0	5	0	5
MI	Harbor Beach	1731	1	3,520	3,520	2,246	1,274
MI	J B Sims	1825	3	1,484	1,484	626	858
MI	J C Weadock	1720	CS0009 (7, 8)				
MI	J C Weadock	1720	7	4,745	5,885	4,904	981
MI	J C Weadock	1720	8	4,691	5,653	4,711	942
MI	J H Campbell	1710	CS0009 (1, 2)				
MI	J H Campbell	1710	1	8,098	15,521	9,218	6,303
MI	J H Campbell	1710	2	9,685	16,986	10,822	6,164
MI	J H Campbell	1710	3	27,805	23,949	20,722	3,227
MI	J R Whiting	1723	1	3,412	3,797	3,348	449
MI	J R Whiting	1723	2	3,842	4,253	2,859	1,394
MI	J R Whiting	1723	3	4,919	5,413	4,169	1,244
MI	James De Young	1830	5	1,048	1,448	1,438	10
MI	Kalamazoo River Generating Station	55101	1	0	0	0	0
MI	Livingston Generating Station	55102	1	0	0	0	0
MI	Livingston Generating Station	55102	2	0	0	0	0
MI	Livingston Generating Station	55102	3	0	0	0	0

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MI	Livingston Generating Station	55102	4	0	0	0	0
MI	Marysville	1732	CS0001 (9, 10)				
MI	Marysville	1732	9	1,637	1,637	313	1,324
MI	Marysville	1732	10	1,261	1,261	452	809
MI	Marysville	1732	CS0002 (11, 12)				
MI	Marysville	1732	11	1,315	1,315	315	1,000
MI	Marysville	1732	12	1,061	1,061	394	667
MI	Michigan Power Limited Partnership	54915	1	0	4	3	1
MI	Mistersky	1822	5	257	257	1	256
MI	Mistersky	1822	6	437	437	3	434
MI	Mistersky	1822	7	485	485	2	483
MI	Monroe	1733	CS0012 (1, 2)				
MI	Monroe	1733	1	23,669	32,630	28,549	4,081
MI	Monroe	1733	2	24,307	44,013	29,706	14,307
MI	Monroe	1733	CS0034 (3, 4)				
MI	Monroe	1733	3	22,771	49,164	26,393	22,771
MI	Monroe	1733	4	24,617	45,334	22,894	22,440
MI	Presque Isle	1769	CS4 (1, 2, 3, 4)				
MI	Presque Isle	1769	2	637	637	318	319
MI	Presque Isle	1769	3	1,907	2,711	2,510	201
MI	Presque Isle	1769	4	1,677	2,549	2,361	188
MI	Presque Isle	1769	5	2,934	4,619	4,199	420
MI	Presque Isle	1769	6	2,941	4,086	3,714	372
MI	Presque Isle	1769	7	2,216	1,770	1,708	62
MI	Presque Isle	1769	8	2,192	2,302	2,091	211
MI	Presque Isle	1769	9	2,346	2,138	1,943	195
MI	River Rouge	1740	1	79	4	0	4
MI	River Rouge	1740	2	6,323	6,323	5,939	384
MI	River Rouge	1740	3	9,103	9,103	6,549	2,554
MI	Shiras	1843	3	500	500	356	144
MI	St Clair	1743	1	3,666	5,756	5,756	0
MI	St Clair	1743	2	3,543	5,567	5,138	429
MI	St Clair	1743	3	3,525	4,473	4,473	0
MI	St Clair	1743	4	3,396	5,596	5,596	0
MI	St Clair	1743	5	0	0	0	0
MI	St Clair	1743	6	7,342	7,452	7,452	0
MI	St Clair	1743	7	13,459	21,912	21,912	0
MI	Trenton Channel	1745	CS0006 (16, 17, 18, 19)				
MI	Trenton Channel	1745	16	3,292	3,357	3,357	0
MI	Trenton Channel	1745	17	767	3,222	3,222	0
MI	Trenton Channel	1745	18	3,563	3,563	2,620	943
MI	Trenton Channel	1745	19	698	2,875	2,875	0
MI	Trenton Channel	1745	9A	14,507	15,684	15,684	0
MI	Wyandotte	1866	5	960	151	0	151

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MI	Wyandotte	1866	7	953	1,525	1,523	2
MI	Wyandotte	1866	8	0	237	237	0
MN	Allen S King	1915	1	15,628	30,399	27,251	3,148
MN	Black Dog	1904	CS1 (1, 2, 3, 4)				
MN	Black Dog	1904	1	1,914	1,914	10	1,904
MN	Black Dog	1904	2	3,683	3,683	11	3,672
MN	Black Dog	1904	3	2,275	2,275	1,070	1,205
MN	Black Dog	1904	4	4,056	4,056	2,352	1,704
MN	Clay Boswell	1893	CS0003 (1, 2, 3)				
MN	Clay Boswell	1893	1	1,827	1,827	1,827	0
MN	Clay Boswell	1893	2	1,800	1,800	1,800	0
MN	Clay Boswell	1893	3	9,866	8,753	8,748	5
MN	Clay Boswell	1893	4	10,324	3,311	2,774	537
MN	Cottage Grove	55010	01	0	5	4	1
MN	Fox Lake	1888	3	2,069	2,069	1	2,068
MN	High Bridge	1912	CS0001 (3, 4, 5, 6)				
MN	High Bridge	1912	3	2,118	5,314	254	5,060
MN	High Bridge	1912	4	1,458	3,059	273	2,786
MN	High Bridge	1912	5	2,194	3,062	1,092	1,970
MN	High Bridge	1912	6	1,852	9,546	1,840	7,706
MN	Hoot Lake	1943	2	1,242	1,850	1,201	649
MN	Hoot Lake	1943	3	1,978	1,978	1,438	540
MN	Hutchinson Utils Comm - Plant 2	6358	1	0	1	0	1
MN	M L Hibbard	1897	CS0001 (3, 4)				
MN	M L Hibbard	1897	3	987	55	54	1
MN	M L Hibbard	1897	4	1,094	55	54	1
MN	Minnesota Valley	1918	4	938	938	2	936
MN	Northeast Station	1961	NEPP	1,052	4,006	1,906	2,100
MN	Riverside	1927	XS67 (6, 7)				
MN	Riverside	1927	6	3,076	2,797	1,105	1,692
MN	Riverside	1927	7	1,339	1,339	1,105	234
MN	Riverside	1927	8	5,068	11,645	10,585	1,060
MN	Sherburne County	6090	CS1 (1, 2)				
MN	Sherburne County	6090	1	13,091	14,679	6,396	8,283
MN	Sherburne County	6090	2	13,184	14,833	5,277	9,556
MN	Sherburne County	6090	3	12,956	12,979	11,090	1,889
MN	Silver Lake	2008	4	3,133	3,132	2,028	1,104
MN	Syl Laskin	1891	CS0001 (1, 2)				
MN	Syl Laskin	1891	1	1,692	808	754	54
MN	Syl Laskin	1891	2	1,649	807	754	53
MO	Asbury	2076	1	6,975	42,870	3,735	39,135
MO	Blue Valley	2132	3	4,670	4,670	3,903	767
MO	Chamois	2169	2	5,457	2,701	2,654	47
MO	Columbia	2123	CS5 (6, 7)				

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MO	Columbia	2123	6	903	903	237	666
MO	Columbia	2123	7	3,631	3,220	406	2,814
MO	Columbia	2123	8	125	125	0	125
MO	Combustion Turbine 1	7160	**1	0	0	0	0
MO	Combustion Turbine 1	7160	**NA4	0	0	0	0
MO	Combustion Turbine 1	7160	**NA5	0	0	0	0
MO	Combustion Turbine 1	7160	**NA6	0	0	0	0
MO	Combustion Turbine 2	7161	**2	0	0	0	0
MO	Combustion Turbine 3	7162	**3	0	0	0	0
MO	Essex Power Plant	7749	1	0	50	0	50
MO	Hawthorn	2079	5	12,773	33,639	0	33,639
MO	Hawthorn	2079	6	0	5	1	4
MO	Hawthorn	2079	7	0	5	0	5
MO	Hawthorn	2079	8	0	5	0	5
MO	Hawthorn	2079	9	0	5	0	5
MO	Iatan	6065	1	16,208	16,208	13,430	2,778
MO	Iatan	6065	**2	0	0	0	0
MO	James River	2161	3	3,327	1,863	1,503	360
MO	James River	2161	4	5,975	2,277	1,538	739
MO	James River	2161	5	2,133	4,045	3,472	573
MO	James River	2161	**GT2	604	4	0	4
MO	Jim Hill	2073	**1	0	0	0	0
MO	Labadie	2103	1	17,553	12,413	8,278	4,135
MO	Labadie	2103	2	16,363	16,233	9,949	6,284
MO	Labadie	2103	3	17,487	17,347	11,450	5,897
MO	Labadie	2103	4	15,584	15,460	9,616	5,844
MO	Lake Road	2098	6	605	2,840	1,760	1,080
MO	Meramec	2104	1	2,745	2,736	1,358	1,378
MO	Meramec	2104	2	2,778	4,251	1,249	3,002
MO	Meramec	2104	3	6,058	6,049	5,142	907
MO	Meramec	2104	4	7,175	12,154	10,181	1,973
MO	Montrose	2080	1	3,189	4,990	3,023	1,967
MO	Montrose	2080	CS023 (2, 3)				
MO	Montrose	2080	2	3,535	5,724	2,695	3,029
MO	Montrose	2080	3	4,349	8,498	3,799	4,699
MO	Na 1 -- 7223	7223	**1	0	0	0	0
MO	Na 1 -- 7223	7223	**2	0	0	0	0
MO	Na 1 -- 7223	7223	**3	0	0	0	0
MO	Na 1 -- 7226	7226	**1	0	0	0	0
MO	New Madrid	2167	1	12,178	8,425	8,324	101
MO	New Madrid	2167	2	14,009	8,243	8,127	116
MO	Nodaway Power Plant	7754	1	0	50	0	50
MO	Nodaway Power Plant	7754	2	0	50	0	50
MO	Rg 1 & 2	212	**1	0	0	0	0

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MO	Rg 1 & 2	212	**2	0	0	0	0
MO	Rush Island	6155	1	14,960	17,327	13,643	3,684
MO	Rush Island	6155	2	15,652	18,230	13,257	4,973
MO	Sibley	2094	CS0001 (1, 2, 3)				
MO	Sibley	2094	1	519	2,190	1,588	602
MO	Sibley	2094	2	638	3,727	1,588	2,139
MO	Sibley	2094	3	7,634	13,767	12,703	1,064
MO	Sikeston	6768	1	6,791	7,063	6,523	540
MO	Sioux	2107	1	10,823	23,737	20,017	3,720
MO	Sioux	2107	2	9,492	23,417	16,522	6,895
MO	Southwest	6195	1	4,184	4,376	2,737	1,639
MO	St. Francis	7604	1	0	50	1	49
MO	State Line (MO)	7296	1	0	30	2	28
MO	State Line (MO)	7296	2-2	0	110	1	109
MO	Thomas Hill	2168	MB1	4,421	2,985	2,948	37
MO	Thomas Hill	2168	MB2	7,432	4,088	4,028	60
MO	Thomas Hill	2168	MB3	18,257	11,492	11,337	155
MS	Batesville Generation Facility	55063	1	0	2	1	1
MS	Batesville Generation Facility	55063	2	0	2	1	1
MS	Batesville Generation Facility	55063	3	0	2	1	1
MS	Baxter Wilson	2050	1	360	60	53	7
MS	Baxter Wilson	2050	2	3,564	10,151	9,951	200
MS	Caledonia Power I, LLC	2783	AA-001	0	1	0	1
MS	Caledonia Power I, LLC	2783	AA-002	0	1	0	1
MS	Caledonia Power I, LLC	2783	AA-003	0	1	0	1
MS	Caledonia Power I, LLC	2783	AA-004	0	1	0	1
MS	Caledonia Power I, LLC	2783	AA-005	0	1	0	1
MS	Caledonia Power I, LLC	2783	AA-006	0	1	0	1
MS	Chevron Cogenerating Station	2047	5	0	25	9	16
MS	Daniel Electric Generating Plant	6073	1	11,228	16,056	13,948	2,108
MS	Daniel Electric Generating Plant	6073	2	14,277	14,690	13,060	1,630
MS	Delta	2051	1	26	6	1	5
MS	Delta	2051	2	50	5	1	4
MS	Gerald Andrus	8054	1	3,282	33,390	31,740	1,650
MS	Jack Watson	2049	1	172	172	2	170
MS	Jack Watson	2049	2	180	180	1	179
MS	Jack Watson	2049	3	273	273	1	272
MS	Jack Watson	2049	4	7,525	26,555	16,152	10,403
MS	Jack Watson	2049	5	15,415	39,813	36,751	3,062
MS	Moselle	2070	1	35	35	2	33
MS	Moselle	2070	2	76	66	1	65
MS	Moselle	2070	3	42	42	2	40
MS	Moselle	2070	**4	0	10	0	10
MS	Moselle	2070	**5	0	0	0	0

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MS	Moselle	2070	**6	0	0	0	0
MS	Moselle	2070	**7	0	0	0	0
MS	Natchez	2052	1	2	2	0	2
MS	New Albany Power I, LLC	13213	AA-001	0	1	0	1
MS	New Albany Power I, LLC	13213	AA-002	0	1	0	1
MS	New Albany Power I, LLC	13213	AA-003	0	1	0	1
MS	New Albany Power I, LLC	13213	AA-004	0	1	0	1
MS	New Albany Power I, LLC	13213	AA-005	0	1	0	1
MS	New Albany Power I, LLC	13213	AA-006	0	1	0	1
MS	R D Morrow	6061	1	4,800	6,414	4,138	2,276
MS	R D Morrow	6061	2	5,254	8,197	4,095	4,102
MS	Rex Brown	2053	3	41	2	1	1
MS	Rex Brown	2053	4	159	3	1	2
MS	Rex Brown	2053	1A	6	1	0	1
MS	Rex Brown	2053	1B	6	1	0	1
MS	Sweatt	2048	CS01 (1, 2)				
MS	Sweatt	2048	1	78	78	0	78
MS	Sweatt	2048	2	86	86	1	85
MS	Wright	2063	W4	0	0	0	0
MT	Colstrip	6076	1	7,859	5,208	5,059	149
MT	Colstrip	6076	2	7,870	5,624	5,559	65
MT	Colstrip	6076	3	4,405	2,933	2,859	74
MT	Colstrip	6076	4	2,917	2,329	2,315	14
MT	Frank Bird	2184	1	0	0	0	0
MT	J E Corette	2187	2	5,062	3,614	3,315	299
MT	Lewis & Clark	6089	B1	1,444	1,444	1,141	303
NC	Asheville	2706	1	6,622	10,893	10,793	100
NC	Asheville	2706	2	5,261	9,475	9,375	100
NC	Asheville	2706	3	0	10	8	2
NC	Asheville	2706	4	0	10	5	5
NC	Belews Creek	8042	1	134,376	27,108	24,643	2,465
NC	Belews Creek	8042	2	131,213	52,453	47,686	4,767
NC	Buck	2720	5	1,709	828	759	69
NC	Buck	2720	6	1,208	837	761	76
NC	Buck	2720	7	1,831	922	838	84
NC	Buck	2720	8	6,407	3,572	3,247	325
NC	Buck	2720	9	7,354	5,093	4,640	453
NC	Cape Fear	2708	3	599	0	0	0
NC	Cape Fear	2708	4	599	0	0	0
NC	Cape Fear	2708	5	3,382	5,955	5,854	101
NC	Cape Fear	2708	6	3,913	6,897	6,797	100
NC	Cliffside	2721	1	1,612	1,313	1,194	119
NC	Cliffside	2721	2	1,625	1,346	1,224	122
NC	Cliffside	2721	3	2,486	2,080	1,891	189

APPENDIX A: ACID RAIN PROGRAM - YEAR 2000 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

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NC	Cliffside	2721	4	2,555	973	884	89
NC	Cliffside	2721	5	33,588	26,323	23,946	2,377
NC	Dan River	2723	1	3,749	1,448	1,316	132
NC	Dan River	2723	2	4,665	1,578	1,433	145
NC	Dan River	2723	3	7,467	3,393	3,084	309
NC	G G Allen	2718	1	11,374	6,018	5,471	547
NC	G G Allen	2718	2	11,552	4,768	4,334	434
NC	G G Allen	2718	3	23,354	10,045	9,132	913
NC	G G Allen	2718	4	21,382	10,266	9,333	933
NC	G G Allen	2718	5	22,823	6,368	5,789	579
NC	L V Sutton	2713	CS0002 (1, 2)				
NC	L V Sutton	2713	1	2,051	3,807	3,706	101
NC	L V Sutton	2713	2	2,270	3,807	3,707	100
NC	L V Sutton	2713	3	8,298	15,236	15,135	101
NC	Lee	2709	1	2,226	3,519	3,418	101
NC	Lee	2709	2	2,277	3,426	3,326	100
NC	Lee	2709	3	7,132	10,195	10,094	101
NC	Lee	2709	10	0	10	4	6
NC	Lee	2709	11	0	10	4	6
NC	Lee	2709	12	0	10	4	6
NC	Lee	2709	13	0	10	3	7
NC	Lincoln	7277	1	0	6	3	3
NC	Lincoln	7277	2	0	4	2	2
NC	Lincoln	7277	3	0	4	2	2
NC	Lincoln	7277	4	0	4	2	2
NC	Lincoln	7277	5	0	4	2	2
NC	Lincoln	7277	6	0	4	2	2
NC	Lincoln	7277	7	0	4	2	2
NC	Lincoln	7277	8	0	4	2	2
NC	Lincoln	7277	9	0	6	3	3
NC	Lincoln	7277	10	0	5	2	3
NC	Lincoln	7277	11	0	5	2	3
NC	Lincoln	7277	12	0	5	2	3
NC	Lincoln	7277	13	0	4	2	2
NC	Lincoln	7277	14	0	5	2	3
NC	Lincoln	7277	15	0	4	2	2
NC	Lincoln	7277	16	0	4	2	2
NC	Marshall	2727	1	24,311	17,054	15,503	1,551
NC	Marshall	2727	2	26,809	15,631	14,303	1,328
NC	Marshall	2727	3	43,969	26,260	23,872	2,388
NC	Marshall	2727	4	44,018	27,772	25,363	2,409
NC	Mayo	6250	CS0005 (1A, 1B)				
NC	Mayo	6250	1A	12,785	14,857	14,756	101
NC	Mayo	6250	1B	12,785	14,857	14,756	101

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NC	Riverbend	2732	7	3,754	3,574	3,250	324
NC	Riverbend	2732	8	3,759	3,411	3,101	310
NC	Riverbend	2732	9	5,071	6,263	5,693	570
NC	Riverbend	2732	10	5,406	5,959	5,418	541
NC	Rockingham Power, LLC	55116	CT1	0	5	3	2
NC	Rockingham Power, LLC	55116	CT2	0	5	4	1
NC	Rockingham Power, LLC	55116	CT3	0	4	2	2
NC	Rockingham Power, LLC	55116	CT4	0	4	3	1
NC	Rockingham Power, LLC	55116	CT5	0	5	4	1
NC	Roxboro	2712	1	11,088	16,158	16,058	100
NC	Roxboro	2712	2	19,642	30,386	30,286	100
NC	Roxboro	2712	CS0003 (3A, 3B)				
NC	Roxboro	2712	3A	9,096	15,458	15,357	101
NC	Roxboro	2712	3B	9,096	15,458	15,357	101
NC	Roxboro	2712	CS0004 (4A, 4B)				
NC	Roxboro	2712	4A	10,407	10,029	9,927	102
NC	Roxboro	2712	4B	10,407	10,029	9,928	101
NC	W H Weatherspoon	2716	CS0001 (1, 2)				
NC	W H Weatherspoon	2716	1	1,122	2,097	1,997	100
NC	W H Weatherspoon	2716	2	1,125	2,097	1,997	100
NC	W H Weatherspoon	2716	3	1,626	2,732	2,632	100
ND	Antelope Valley	6469	B1	11,947	11,947	6,640	5,307
ND	Antelope Valley	6469	B2	11,131	11,131	6,407	4,724
ND	Coal Creek	6030	1	23,310	14,410	14,332	78
ND	Coal Creek	6030	2	21,187	17,587	12,817	4,770
ND	Coyote	8222	B1	16,182	16,117	14,521	1,596
ND	Leland Olds	2817	1	9,105	17,605	16,864	741
ND	Leland Olds	2817	2	26,401	32,901	28,587	4,314
ND	Milton R Young	2823	B1	12,951	25,512	18,095	7,417
ND	Milton R Young	2823	B2	15,885	23,291	21,134	2,157
ND	R M Heskett	2790	B2	3,202	3,162	1,778	1,384
ND	Stanton	2824	1	7,447	11,847	7,660	4,187
ND	Stanton	2824	10	1,334	1,334	973	361
NE	Bluffs	2276	4	18	18	0	18
NE	C W Burdick	2241	B-3	0	10	1	9
NE	Canaday	2226	1	627	627	81	546
NE	Gerald Gentleman Sta	6077	1	10,805	10,714	9,604	1,110
NE	Gerald Gentleman Sta	6077	2	17,572	17,302	12,988	4,314
NE	Gerald Whelan Energy Center	60	1	2,335	2,335	2,164	171
NE	Harold Kramer	2269	1	38	38	0	38
NE	Harold Kramer	2269	2	40	40	0	40
NE	Harold Kramer	2269	3	1,052	1,052	0	1,052
NE	Harold Kramer	2269	4	2,079	2,079	0	2,079
NE	Lon Wright	2240	8	2,044	2,044	841	1,203

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NE	Na 1 -- 7019	7019	**NA1	0	0	0	0
NE	Nebraska City	6096	1	13,194	15,234	15,227	7
NE	North Omaha	2291	CS000A (1, 2, 3)				
NE	North Omaha	2291	1	2,388	2,388	2,045	343
NE	North Omaha	2291	2	3,287	3,287	2,046	1,241
NE	North Omaha	2291	3	3,208	3,208	2,046	1,162
NE	North Omaha	2291	4	3,849	3,849	2,873	976
NE	North Omaha	2291	5	4,647	4,647	3,631	1,016
NE	Platte	59	1	2,927	2,917	2,497	420
NE	Rokeby	6373	2	0	20	0	20
NE	Sarpy County Station	2292	CT3	0	0	0	0
NE	Sarpy County Station	2292	CT4A	0	0	0	0
NE	Sarpy County Station	2292	CT4B	0	0	0	0
NE	Sarpy County Station	2292	CT5A	0	0	0	0
NE	Sarpy County Station	2292	CT5B	0	0	0	0
NE	Sheldon	2277	1	2,168	2,190	2,106	84
NE	Sheldon	2277	2	2,280	2,308	2,084	224
NH	Merrimack	2364	1	4,288	14,634	14,113	521
NH	Merrimack	2364	2	9,242	27,596	26,426	1,170
NH	Newington	8002	1	12,103	25,764	4,967	20,797
NH	Schiller	2367	4	1,514	2,162	2,030	132
NH	Schiller	2367	5	1,457	2,072	1,997	75
NH	Schiller	2367	6	1,643	2,143	1,794	349
NJ	B L England	2378	1	3,811	14,775	13,606	1,169
NJ	B L England	2378	2	4,931	1,535	1,084	451
NJ	B L England	2378	3	2,420	1,170	817	353
NJ	Bergen	2398	1	1,978	6,500	0	6,500
NJ	Bergen	2398	2	2,044	0	0	0
NJ	Bergen	2398	1101	0	4	3	1
NJ	Bergen	2398	1201	0	3	2	1
NJ	Bergen	2398	1301	0	3	2	1
NJ	Bergen	2398	1401	0	2	1	1
NJ	Burlington (NJ)	2399	7	561	0	0	0
NJ	Burlington (NJ)	2399	101	0	2	1	1
NJ	Burlington (NJ)	2399	102	0	2	1	1
NJ	Burlington (NJ)	2399	103	0	2	0	2
NJ	Burlington (NJ)	2399	104	0	2	1	1
NJ	Burlington (NJ)	2399	121	0	8	5	3
NJ	Burlington (NJ)	2399	122	0	12	1	11
NJ	Burlington (NJ)	2399	123	0	17	13	4
NJ	Burlington (NJ)	2399	124	0	12	8	4
NJ	Butler	7152	**1	0	0	0	0
NJ	Deepwater	2384	1	1,164	14	0	14
NJ	Deepwater	2384	3	11	11	0	11

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NJ	Deepwater	2384	4	59	59	0	59
NJ	Deepwater	2384	5	5	5	0	5
NJ	Deepwater	2384	6	59	59	0	59
NJ	Deepwater	2384	8	2,744	3,894	3,190	704
NJ	Deepwater	2384	9	1,814	1,814	0	1,814
NJ	Gilbert	2393	1	60	60	0	60
NJ	Gilbert	2393	2	37	37	0	37
NJ	Gilbert	2393	3	700	700	0	700
NJ	Gilbert	2393	9	0	4	2	2
NJ	Gilbert	2393	04	600	596	3	593
NJ	Gilbert	2393	05	596	596	3	593
NJ	Gilbert	2393	06	593	593	3	590
NJ	Gilbert	2393	07	605	605	3	602
NJ	Hudson	2403	1	1,197	119	115	4
NJ	Hudson	2403	2	15,972	23,134	23,119	15
NJ	Kearny	2404	7	145	145	120	25
NJ	Kearny	2404	8	153	314	284	30
NJ	Linden	2406	2	644	644	298	346
NJ	Linden	2406	4	423	0	0	0
NJ	Linden	2406	5	0	11	10	1
NJ	Linden	2406	6	0	7	5	2
NJ	Linden	2406	7	0	45	32	13
NJ	Linden	2406	8	0	2	1	1
NJ	Linden	2406	11	968	968	157	811
NJ	Linden	2406	12	665	665	0	665
NJ	Linden	2406	13	877	246	179	67
NJ	Mercer	2408	1	7,683	8,448	8,441	7
NJ	Mercer	2408	2	7,439	8,375	8,370	5
NJ	Na 1 -- 7139	7139	**1	0	0	0	0
NJ	Na 2 -- 7140	7140	**1	0	0	0	0
NJ	Na 3 -- 7141	7141	**1	0	0	0	0
NJ	Na 3 -- 7141	7141	**2	0	0	0	0
NJ	Na 4 -- 7142	7142	**1	0	0	0	0
NJ	Na 5 -- 7217	7217	**1	0	0	0	0
NJ	Na 6 -- 7218	7218	**1	0	0	0	0
NJ	Pedricktown Cogen	10099	001001	0	5	5	0
NJ	Pedricktown Cogen	10099	005004	0	2	0	2
NJ	Sayreville	2390	2	2	2	0	2
NJ	Sayreville	2390	3	2	2	0	2
NJ	Sayreville	2390	5	41	41	0	41
NJ	Sayreville	2390	6	39	39	0	39
NJ	Sayreville	2390	07	766	766	0	766
NJ	Sayreville	2390	08	892	892	0	892
NJ	Sewaren	2411	1	117	117	53	64

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NJ	Sewaren	2411	2	340	40	25	15
NJ	Sewaren	2411	3	254	254	38	216
NJ	Sewaren	2411	4	574	574	45	529
NJ	Sewaren	2411	5	0	0	0	0
NJ	Sherman Avenue	7288	1	0	100	1	99
NJ	Werner	2385	4	194	194	0	194
NM	Cunningham	2454	121B	42	42	1	41
NM	Cunningham	2454	122B	269	265	3	262
NM	Cunningham	2454	123T	0	2	0	2
NM	Cunningham	2454	124T	0	2	0	2
NM	Four Corners	2442	1	3,593	3,980	3,618	362
NM	Four Corners	2442	2	3,589	3,989	3,629	360
NM	Four Corners	2442	3	4,478	4,550	4,140	410
NM	Four Corners	2442	4	12,507	14,515	11,935	2,580
NM	Four Corners	2442	5	13,275	18,211	15,011	3,200
NM	Maddox	2446	051B	170	170	2	168
NM	Milagro	54814	1	0	1	0	1
NM	Milagro	54814	2	0	1	0	1
NM	North Lovington	2473	S2	0	0	0	0
NM	Person	2448	3	0	0	0	0
NM	Person	2448	4	0	0	0	0
NM	Person Generating Project	55039	GT-1	0	5	2	3
NM	Prewitt Escalante Generating Statio	87	1	1,874	1,874	1,385	489
NM	Reeves	2450	1	4	4	0	4
NM	Reeves	2450	2	7	7	0	7
NM	Reeves	2450	3	104	104	0	104
NM	Rio Grande	2444	6	3	3	1	2
NM	Rio Grande	2444	7	1	1	1	0
NM	Rio Grande	2444	8	80	80	2	78
NM	San Juan	2451	1	7,941	6,629	5,543	1,086
NM	San Juan	2451	2	5,922	5,752	5,579	173
NM	San Juan	2451	3	13,878	13,878	9,117	4,761
NM	San Juan	2451	4	13,047	13,047	8,647	4,400
NV	Clark	2322	1	20	20	1	19
NV	Clark	2322	2	273	151	1	150
NV	Clark	2322	3	18	18	1	17
NV	El Dorado Energy	55077	CP1 (EDE1, EDE2)				
NV	El Dorado Energy	55077	EDE1	0	3	2	1
NV	El Dorado Energy	55077	EDE2	0	3	2	1
NV	Fort Churchill	2330	1	371	371	27	344
NV	Fort Churchill	2330	2	577	577	100	477
NV	Harry Allen	7082	**5	0	0	0	0
NV	Harry Allen	7082	**6	0	0	0	0
NV	Harry Allen	7082	**3	0	1	0	1

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NV	Harry Allen	7082	**GT1	0	0	0	0
NV	Harry Allen	7082	**GT2	0	0	0	0
NV	Mohave	2341	1	26,660	26,660	20,300	6,360
NV	Mohave	2341	2	26,556	26,556	22,450	4,106
NV	North Valmy	8224	1	6,960	6,315	5,673	642
NV	North Valmy	8224	2	4,262	2,916	1,567	1,349
NV	Reid Gardner	2324	1	2,173	1,273	714	559
NV	Reid Gardner	2324	2	2,202	1,402	769	633
NV	Reid Gardner	2324	3	2,125	1,325	729	596
NV	Reid Gardner	2324	4	2,814	1,114	765	349
NV	Sunrise	2326	1	50	50	22	28
NV	Tracy	2336	1	15	27	27	0
NV	Tracy	2336	2	46	46	39	7
NV	Tracy	2336	3	314	295	11	284
NV	Tracy	2336	4	0	2	1	1
NV	Tracy	2336	5	0	3	1	2
NV	Tracy	2336	6	0	2	2	0
NY	59Th Street	2503	110	64	0	0	0
NY	74Th Street	2504	CS0002 (120, 121, 122)				
NY	74Th Street	2504	120	447	447	416	31
NY	74Th Street	2504	121	449	449	417	32
NY	74Th Street	2504	122	447	447	417	30
NY	AES Cayuga, L.L.C.(Milliken)	2535	XS12 (1, 2)				
NY	AES Cayuga, L.L.C.(Milliken)	2535	1	4,928	6,406	4,805	1,601
NY	AES Cayuga, L.L.C.(Milliken)	2535	2	5,215	6,296	4,207	2,089
NY	AES Greenidge LLC	2527	CSG003 (4, 5)				
NY	AES Greenidge LLC	2527	4	982	7,018	7,018	0
NY	AES Greenidge LLC	2527	5	980	58	57	1
NY	AES Greenidge LLC	2527	6	3,185	12,819	12,818	1
NY	AES Hickling L.L.C.	2529	CSH001 (1, 2)				
NY	AES Hickling L.L.C.	2529	1	725	235	235	0
NY	AES Hickling L.L.C.	2529	2	725	725	725	0
NY	AES Hickling L.L.C.	2529	CSH002 (3, 4)				
NY	AES Hickling L.L.C.	2529	3	895	550	550	0
NY	AES Hickling L.L.C.	2529	4	933	933	933	0
NY	AES Jennison, L.L.C.	2531	CSJ001 (1, 2)				
NY	AES Jennison, L.L.C.	2531	1	650	750	750	0
NY	AES Jennison, L.L.C.	2531	2	676	676	676	0
NY	AES Jennison, L.L.C.	2531	CSJ002 (3, 4)				
NY	AES Jennison, L.L.C.	2531	3	724	1,088	1,088	0
NY	AES Jennison, L.L.C.	2531	4	724	725	725	0
NY	AES Somerset L.L.C.	6082	1	13,889	8,770	8,296	474
NY	AES Westover	2526	CSW003 (11, 12)				
NY	AES Westover	2526	11	792	5,944	5,944	0

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NY	AES Westover	2526	12	780	688	687	1
NY	AES Westover	2526	13	3,288	10,860	10,859	1
NY	Albany	2539	1	1,801	932	929	3
NY	Albany	2539	2	1,556	1,151	960	191
NY	Albany	2539	3	1,593	843	841	2
NY	Albany	2539	4	1,687	1,568	994	574
NY	Allegheny Station #133	10619	00001	0	1	0	1
NY	Arthur Kill	2490	CS0002 (20, 30)				
NY	Arthur Kill	2490	20	1,478	600	3	597
NY	Arthur Kill	2490	30	2,367	401	4	397
NY	Astoria	8906	10	1,216	0	0	0
NY	Astoria	8906	20	1,554	0	0	0
NY	Astoria	8906	30	3,024	475	464	11
NY	Astoria	8906	40	2,376	409	399	10
NY	Astoria	8906	50	2,700	219	214	5
NY	Bowline Point	2625	1	4,240	900	895	5
NY	Bowline Point	2625	2	4,241	581	575	6
NY	Brooklyn Navy Yard Cogeneration Fac	54914	1	0	0	12	-12
NY	Brooklyn Navy Yard Cogeneration Fac	54914	2	0	0	6	-6
NY	Carthage Energy, LLC	10620	1	0	2	2	0
NY	CH Resources - Niagara Falls	50202	1	0	1,190	1,105	85
NY	CH Resources - Syracuse	10621	1	0	10	7	3
NY	Charles Poletti	2491	001	6,438	6,238	2,337	3,901
NY	Dunkirk	2554	1	2,843	11,001	11,001	0
NY	Dunkirk	2554	2	3,229	11,633	11,652	-19
NY	Dunkirk	2554	CS0003 (3, 4)				
NY	Dunkirk	2554	3	5,292	15,527	15,527	0
NY	Dunkirk	2554	4	5,906	17,597	16,528	1,069
NY	Dynegy Danskammer, LLC	2480	1	948	156	151	5
NY	Dynegy Danskammer, LLC	2480	2	920	200	195	5
NY	Dynegy Danskammer, LLC	2480	3	3,129	3,614	3,609	5
NY	Dynegy Danskammer, LLC	2480	4	6,030	8,475	8,470	5
NY	Dynegy Roseton, LLC	8006	1	15,584	14,966	7,408	7,558
NY	Dynegy Roseton, LLC	8006	2	14,912	14,294	9,256	5,038
NY	E F Barrett	2511	10	2,372	2,372	133	2,239
NY	E F Barrett	2511	20	2,337	2,337	370	1,967
NY	East River	2493	50	1,396	0	0	0
NY	East River	2493	60	1,430	1,430	259	1,171
NY	East River	2493	70	1,033	1,033	276	757
NY	Far Rockaway	2513	40	469	469	1	468
NY	Glenwood	2514	40	939	939	1	938
NY	Glenwood	2514	50	903	903	1	902
NY	Huntley Power	2549	CS0002 (63, 64, 65, 66)				
NY	Huntley Power	2549	63	2,657	3,790	3,790	0

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NY	Huntley Power	2549	64	2,664	8,397	8,397	0
NY	Huntley Power	2549	65	2,693	5,592	5,592	0
NY	Huntley Power	2549	66	2,729	3,651	3,657	-6
NY	Huntley Power	2549	CS0001 (67, 68)				
NY	Huntley Power	2549	67	5,775	16,004	16,004	0
NY	Huntley Power	2549	68	5,381	15,971	14,862	1,109
NY	Lovett	2629	3	225	225	14	211
NY	Lovett	2629	4	4,569	5,019	5,011	8
NY	Lovett	2629	5	4,988	4,888	4,879	9
NY	Northport	2516	1	8,323	23,048	7,396	15,652
NY	Northport	2516	2	10,130	12,096	4,522	7,574
NY	Northport	2516	3	11,122	30,518	9,661	20,857
NY	Northport	2516	4	5,794	18,539	4,070	14,469
NY	Oswego	2594	1	0	0	0	0
NY	Oswego	2594	2	0	0	0	0
NY	Oswego	2594	3	90	0	0	0
NY	Oswego	2594	4	398	0	0	0
NY	Oswego	2594	5	17,242	1,492	1,502	-10
NY	Oswego	2594	6	4,808	4,767	216	4,551
NY	Port Jefferson	2517	1	475	475	0	475
NY	Port Jefferson	2517	2	498	498	0	498
NY	Port Jefferson	2517	3	4,397	12,300	3,085	9,215
NY	Port Jefferson	2517	4	5,181	19,002	4,220	14,782
NY	Ravenswood	2500	10	3,165	401	2	399
NY	Ravenswood	2500	20	2,678	901	384	517
NY	Ravenswood	2500	30	4,992	2,702	1,570	1,132
NY	Richard M Flynn	7314	001	0	200	99	101
NY	Rochester 3, Beebee Station	2640	1	0	0	0	0
NY	Rochester 3, Beebee Station	2640	2	0	0	0	0
NY	Rochester 3, Beebee Station	2640	3	2	0	0	0
NY	Rochester 3, Beebee Station	2640	4	0	0	0	0
NY	Rochester 3, Beebee Station	2640	7	201	0	0	0
NY	Rochester 3, Beebee Station	2640	8	0	0	0	0
NY	Rochester 3, Beebee Station	2640	12	2,269	0	0	0
NY	Rochester 7, Russell Station	2642	CS1 (1, 2)				
NY	Rochester 7, Russell Station	2642	1	1,093	5,632	5,560	72
NY	Rochester 7, Russell Station	2642	2	1,626	5,609	5,561	48
NY	Rochester 7, Russell Station	2642	CS2 (3, 4)				
NY	Rochester 7, Russell Station	2642	3	1,586	7,375	7,195	180
NY	Rochester 7, Russell Station	2642	4	2,213	7,335	7,195	140
NY	S A Carlson	2682	CS0001 (9, 12)				
NY	S A Carlson	2682	9	664	664	659	5
NY	S A Carlson	2682	CS0002 (10, 11)				
NY	S A Carlson	2682	10	673	673	673	0

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NY	S A Carlson	2682	11	424	847	847	0
NY	S A Carlson	2682	12	1,276	1,053	912	141
NY	South Glens Falls Energy, LLC	10618	1	0	3	2	1
NY	Waterside	2502	41	252	0	0	0
NY	Waterside	2502	42	247	0	0	0
NY	Waterside	2502	51	416	0	0	0
NY	Waterside	2502	52	417	0	0	0
NY	Waterside	2502	CS0002 (61, 62)				
NY	Waterside	2502	61	431	431	3	428
NY	Waterside	2502	62	507	507	3	504
NY	Waterside	2502	CS0003 (80, 90)				
NY	Waterside	2502	80	1,128	1,128	2	1,126
NY	Waterside	2502	90	1,234	1,234	3	1,231
OH	Acme	2877	9	1	0	0	0
OH	Acme	2877	11	7	0	0	0
OH	Acme	2877	13	1,846	0	0	0
OH	Acme	2877	14	2,519	0	0	0
OH	Acme	2877	15	3,365	0	0	0
OH	Acme	2877	16	2,421	0	0	0
OH	Acme	2877	91	2,012	0	0	0
OH	Acme	2877	92	1,800	0	0	0
OH	AMP-Ohio Bowling Green	7783	P001	0	1	0	1
OH	AMP-Ohio Hamilton	7782	P001	0	1	0	1
OH	Ashtabula	2835	7	7,220	4,403	3,647	756
OH	Ashtabula	2835	CS1 (8, 9, 10, 11)				
OH	Ashtabula	2835	8	2,337	800	737	63
OH	Ashtabula	2835	9	1,990	0	0	0
OH	Ashtabula	2835	10	1,795	2,141	2,044	97
OH	Ashtabula	2835	11	1,890	1,519	1,433	86
OH	Avon Lake	2836	9	2,567	0	0	0
OH	Avon Lake	2836	10	2,254	2,800	2,724	76
OH	Avon Lake	2836	11	5,025	0	0	0
OH	Avon Lake	2836	12	15,199	20,000	19,372	628
OH	Bay Shore	2878	XS14 (1, 2, 3, 4)				
OH	Bay Shore	2878	1	4,719	796	761	35
OH	Bay Shore	2878	2	4,495	2,488	2,392	96
OH	Bay Shore	2878	3	4,277	2,229	2,139	90
OH	Bay Shore	2878	4	7,038	3,885	3,770	115
OH	Cardinal	2828	1	14,778	71,986	69,884	2,102
OH	Cardinal	2828	2	16,526	47,289	26,698	20,591
OH	Cardinal	2828	3	17,301	23,460	22,772	688
OH	Conesville	2840	CS012 (1, 2)				
OH	Conesville	2840	1	1,814	17,076	16,578	498
OH	Conesville	2840	2	2,110	15,173	14,730	443

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OH	Conesville	2840	3	2,370	16,843	16,351	492
OH	Conesville	2840	4	21,031	77,478	76,277	1,201
OH	Conesville	2840	CS056 (5, 6)				
OH	Conesville	2840	5	9,025	7,483	7,263	220
OH	Conesville	2840	6	9,394	6,947	6,741	206
OH	Dover	2914	**6	153	0	0	0
OH	Eastlake	2837	1	3,366	4,953	4,855	98
OH	Eastlake	2837	2	3,725	5,338	5,284	54
OH	Eastlake	2837	3	4,319	7,025	6,955	70
OH	Eastlake	2837	4	6,258	8,946	8,855	91
OH	Eastlake	2837	5	16,605	37,017	36,646	371
OH	Edgewater	2857	11	878	0	0	0
OH	Edgewater	2857	12	947	0	0	0
OH	Edgewater	2857	13	2,179	113	11	102
OH	Frank M Tait	2847	1	0	4	0	4
OH	Frank M Tait	2847	2	0	4	0	4
OH	Frank M Tait	2847	3	0	4	0	4
OH	Gen J M Gavin	8102	1	34,099	12,763	12,381	382
OH	Gen J M Gavin	8102	2	34,738	12,697	12,314	383
OH	Gorge	2858	25	1,498	0	0	0
OH	Gorge	2858	26	1,677	0	0	0
OH	Greenville Electric Gen Station	55228	G1CT1	0	0	0	0
OH	Greenville Electric Gen Station	55228	G1CT2	0	0	0	0
OH	Greenville Electric Gen Station	55228	G2CT1	0	0	0	0
OH	Greenville Electric Gen Station	55228	G2CT2	0	0	0	0
OH	Greenville Electric Gen Station	55228	G3CT1	0	0	0	0
OH	Greenville Electric Gen Station	55228	G3CT2	0	0	0	0
OH	Greenville Electric Gen Station	55228	G4CT1	0	0	0	0
OH	Greenville Electric Gen Station	55228	G4CT2	0	0	0	0
OH	Hamilton	2917	9	1,665	1,665	997	668
OH	J M Stuart	2850	1	19,632	45,673	29,043	16,630
OH	J M Stuart	2850	2	18,611	38,922	28,501	10,421
OH	J M Stuart	2850	3	18,454	39,008	22,686	16,322
OH	J M Stuart	2850	4	19,503	40,571	25,425	15,146
OH	Killen Station	6031	2	16,928	24,937	24,636	301
OH	Kyger Creek	2876	CS001 (1, 2, 3, 4, 5)				
OH	Kyger Creek	2876	1	8,100	25,736	25,238	498
OH	Kyger Creek	2876	2	7,797	25,736	25,238	498
OH	Kyger Creek	2876	3	7,524	25,736	25,238	498
OH	Kyger Creek	2876	4	7,860	25,736	25,238	498
OH	Kyger Creek	2876	5	7,874	25,736	25,238	498
OH	Lake Road	2908	6	1,340	1,340	0	1,340
OH	Lake Shore	2838	18	6,033	1,302	1,238	64
OH	Lake Shore	2838	91	47	0	0	0

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OH	Lake Shore	2838	92	84	0	0	0
OH	Lake Shore	2838	93	65	0	0	0
OH	Lake Shore	2838	94	107	0	0	0
OH	Madison Generating Station	55110	1	0	4	0	4
OH	Madison Generating Station	55110	2	0	4	0	4
OH	Madison Generating Station	55110	3	0	4	0	4
OH	Madison Generating Station	55110	4	0	4	0	4
OH	Madison Generating Station	55110	5	0	4	0	4
OH	Madison Generating Station	55110	6	0	4	0	4
OH	Madison Generating Station	55110	7	0	4	0	4
OH	Madison Generating Station	55110	8	0	4	0	4
OH	Miami Fort	2832	CS056 (5-1, 5-2, 6)				
OH	Miami Fort	2832	6	4,908	20,521	16,671	3,850
OH	Miami Fort	2832	7	16,607	40,929	39,663	1,266
OH	Miami Fort	2832	8	18,233	19,418	18,801	617
OH	Miami Fort	2832	5-1	144	3,342	3,189	153
OH	Miami Fort	2832	5-2	144	3,341	3,189	152
OH	Muskingum River	2872	CS014 1, 2, 3, 4)				
OH	Muskingum River	2872	1	6,414	31,148	30,239	909
OH	Muskingum River	2872	2	6,108	30,348	29,462	886
OH	Muskingum River	2872	3	6,018	37,158	36,074	1,084
OH	Muskingum River	2872	4	5,080	37,583	36,487	1,096
OH	Muskingum River	2872	5	17,450	25,495	23,776	1,719
OH	Niles	2861	XS12 (1, 2)				
OH	Niles	2861	1	2,995	5,925	5,824	101
OH	Niles	2861	2	3,924	14,444	14,013	431
OH	O H Hutchings	2848	CS0001 (H-1, H-2)				
OH	O H Hutchings	2848	H-1	1,736	594	589	5
OH	O H Hutchings	2848	H-2	1,671	538	531	7
OH	O H Hutchings	2848	CS0002 (H-3, H-4)				
OH	O H Hutchings	2848	H-3	1,603	1,421	1,402	19
OH	O H Hutchings	2848	H-4	1,623	1,340	1,323	17
OH	O H Hutchings	2848	CS0003 (H-5, H-6)				
OH	O H Hutchings	2848	H-5	1,630	1,338	1,326	12
OH	O H Hutchings	2848	H-6	1,660	1,499	1,486	13
OH	Picway	2843	9	2,128	10,879	10,563	316
OH	Poston	2844	1	787	0	0	0
OH	Poston	2844	2	731	0	0	0
OH	Poston	2844	3	957	0	0	0
OH	R E Burger	2864	CS0001 (1, 2, 3, 4, 5, 6, 7, 8)				
OH	R E Burger	2864	1	1,233	0	0	0
OH	R E Burger	2864	2	1,206	0	0	0
OH	R E Burger	2864	3	1,246	0	0	0
OH	R E Burger	2864	4	1,275	0	0	0

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OH	R E Burger	2864	5	1,327	722	709	13
OH	R E Burger	2864	6	1,325	799	756	43
OH	R E Burger	2864	7	4,648	25,538	25,275	263
OH	R E Burger	2864	8	5,361	33,218	20,504	12,714
OH	Refuse & Coal	312	CSSA12 (001, 002)				
OH	Refuse & Coal	312	001	426	0	0	0
OH	Refuse & Coal	312	002	381	0	0	0
OH	Refuse & Coal	312	CSSA34 (003, 004)				
OH	Refuse & Coal	312	003	402	0	0	0
OH	Refuse & Coal	312	004	438	0	0	0
OH	Refuse & Coal	312	CSSA56 (005, 006)				
OH	Refuse & Coal	312	005	375	0	0	0
OH	Refuse & Coal	312	006	366	0	0	0
OH	Richard Gorsuch	7253	CS0001 (1, 2, 3, 4)				
OH	Richard Gorsuch	7253	1	6,152	9,285	8,428	857
OH	Richard Gorsuch	7253	2	5,064	9,285	8,428	857
OH	Richard Gorsuch	7253	3	6,880	9,285	8,428	857
OH	Richard Gorsuch	7253	4	1,404	9,283	8,428	855
OH	Tidd	2828	**1	714	0	0	0
OH	Toronto	2867	9	1,873	0	0	0
OH	Toronto	2867	10	3,343	0	0	0
OH	Toronto	2867	11	3,612	0	0	0
OH	W H Sammis	2866	CS0001 (1, 2)				
OH	W H Sammis	2866	1	6,239	12,468	12,342	126
OH	W H Sammis	2866	2	5,472	13,081	12,950	131
OH	W H Sammis	2866	CS0002 (3, 4)				
OH	W H Sammis	2866	3	6,238	12,713	12,576	137
OH	W H Sammis	2866	4	5,529	11,764	11,656	108
OH	W H Sammis	2866	5	10,422	21,507	21,291	216
OH	W H Sammis	2866	6	19,953	25,976	25,713	263
OH	W H Sammis	2866	7	18,639	24,339	24,092	247
OH	W H Zimmer	6019	1	16,154	21,465	19,411	2,054
OH	Walter C Beckjord	2830	1	1,834	4,657	4,437	220
OH	Walter C Beckjord	2830	2	1,859	5,163	4,941	222
OH	Walter C Beckjord	2830	3	2,530	8,110	7,753	357
OH	Walter C Beckjord	2830	4	3,262	8,081	7,722	359
OH	Walter C Beckjord	2830	5	3,858	16,870	16,139	731
OH	Walter C Beckjord	2830	6	9,925	38,017	30,442	7,575
OH	Woodsdale	7158	**GT1	294	294	0	294
OH	Woodsdale	7158	**GT2	294	294	0	294
OH	Woodsdale	7158	**GT3	294	294	0	294
OH	Woodsdale	7158	**GT4	294	294	0	294
OH	Woodsdale	7158	**GT5	294	294	0	294
OH	Woodsdale	7158	**GT6	294	294	0	294

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OH	Woodsdale	7158	**GT7	0	0	0	0
OH	Woodsdale	7158	**GT8	0	0	0	0
OH	Woodsdale	7158	**GT9	0	0	0	0
OH	Woodsdale	7158	**GT10	0	0	0	0
OH	Woodsdale	7158	**GT11	0	0	0	0
OH	Woodsdale	7158	**GT12	0	0	0	0
OK	Anadarko	3006	3	0	1	0	1
OK	Arbuckle	2947	ARB	45	45	0	45
OK	Chouteau Power Plant	7757	1	0	76	1	75
OK	Chouteau Power Plant	7757	2	0	75	0	75
OK	Comanche	8059	7251	333	323	2	321
OK	Comanche	8059	7252	2	12	3	9
OK	Conoco	7185	**1	222	222	6	216
OK	Conoco	7185	**2	222	222	12	210
OK	Grda	165	1	14,642	15,633	15,516	117
OK	Grda	165	2	8,396	7,405	4,877	2,528
OK	Horseshoe Lake	2951	6	173	173	3	170
OK	Horseshoe Lake	2951	7	231	231	4	227
OK	Horseshoe Lake	2951	8	313	253	1	252
OK	Horseshoe Lake	2951	9	0	30	0	30
OK	Horseshoe Lake	2951	10	0	30	0	30
OK	Hugo	6772	1	11,877	9,377	7,379	1,998
OK	Mooreland	3008	1	0	1	0	1
OK	Mooreland	3008	2	44	42	1	41
OK	Mooreland	3008	3	7	7	1	6
OK	Muskogee	2952	3	141	141	1	140
OK	Muskogee	2952	4	9,311	9,811	9,359	452
OK	Muskogee	2952	5	8,277	11,277	10,327	950
OK	Muskogee	2952	6	14,425	10,925	9,731	1,194
OK	Mustang	2953	1	32	32	0	32
OK	Mustang	2953	2	26	26	0	26
OK	Mustang	2953	3	1	1	1	0
OK	Mustang	2953	4	163	163	2	161
OK	Na 1 -- 5030	5030	**1	0	0	0	0
OK	Na 1 -- 5030	5030	**2	0	0	0	0
OK	Na 1 -- 5030	5030	**3	0	0	0	0
OK	Northeastern	2963	3301	1,742	1,742	1	1,741
OK	Northeastern	2963	3302	5,935	5,935	4	5,931
OK	Northeastern	2963	CS100 (3313, 3314)				
OK	Northeastern	2963	3313	13,833	13,833	8,842	4,991
OK	Northeastern	2963	3314	14,884	14,884	8,843	6,041
OK	Ponca	762	2	0	0	0	0
OK	Ponca	762	3	0	0	0	0
OK	Riverside	4940	1501	519	489	286	203

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OK	Riverside	4940	1502	285	315	304	11
OK	Seminole	2956	1	412	412	4	408
OK	Seminole	2956	2	453	453	4	449
OK	Seminole	2956	3	494	494	5	489
OK	Sooner	6095	1	10,471	10,471	8,944	1,527
OK	Sooner	6095	2	9,979	9,979	8,923	1,056
OK	Southwestern	2964	CP001(8002,8003,801N,801S)				
OK	Southwestern	2964	8002	15	15	0	15
OK	Southwestern	2964	8003	164	164	28	136
OK	Southwestern	2964	801N	3	3	0	3
OK	Southwestern	2964	801S	0	0	0	0
OK	Tulsa	2965	CP001(1402,1403,1404)				
OK	Tulsa	2965	1402	98	98	1	97
OK	Tulsa	2965	1403	4	4	0	4
OK	Tulsa	2965	1404	58	58	0	58
OR	Boardman	6106	1SG	13,377	14,375	14,374	1
OR	Coyote Springs	7350	CTG1	0	4	4	0
OR	Hermiston	54761	1	0	7	4	3
OR	Hermiston	54761	2	0	7	4	3
PA	Allegheny Energy Unit 1 and Unit 2	55196	1	0	1	0	1
PA	Allegheny Energy Unit 1 and Unit 2	55196	2	0	1	0	1
PA	Allegheny Energy Unit 8 and Unit 9	55377	8	0	1	0	1
PA	Allegheny Energy Unit 8 and Unit 9	55377	9	0	1	0	1
PA	Armstrong	3178	1	6,215	17,621	17,421	200
PA	Armstrong	3178	2	6,654	17,166	16,966	200
PA	Bruce Mansfield	6094	1	12,717	14,134	8,549	5,585
PA	Bruce Mansfield	6094	2	14,069	14,793	8,380	6,413
PA	Bruce Mansfield	6094	3	14,473	14,473	12,133	2,340
PA	Brunner Island	3140	CS102 (1, 2)				
PA	Brunner Island	3140	1	11,972	14,701	14,679	22
PA	Brunner Island	3140	2	13,414	17,371	17,307	64
PA	Brunner Island	3140	3	23,209	28,957	28,911	46
PA	Cheswick	8226	1	16,891	46,544	44,908	1,636
PA	Conemaugh	3118	1	25,938	10,764	3,119	7,645
PA	Conemaugh	3118	2	28,752	11,198	3,988	7,210
PA	Cromby	3159	1	2,203	4,668	3,971	697
PA	Cromby	3159	2	2,110	2,110	955	1,155
PA	Delaware	3160	71	743	743	189	554
PA	Delaware	3160	81	537	1,071	220	851
PA	Eddystone	3161	1	2,845	3,851	2,915	936
PA	Eddystone	3161	2	3,005	4,241	3,668	573
PA	Eddystone	3161	CS034 (3, 4)				
PA	Eddystone	3161	3	1,895	1,895	1,252	643
PA	Eddystone	3161	4	2,011	2,011	1,202	809

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PA	Elrama	3098	CS001 (1, 2, 3, 4)				
PA	Elrama	3098	1	1,650	910	889	21
PA	Elrama	3098	2	1,616	700	683	17
PA	Elrama	3098	3	1,568	555	543	12
PA	Elrama	3098	4	2,580	2,580	2,519	61
PA	F R Phillips	3099	CS001 (1, 2, 3, 4, 5, 6)				
PA	F R Phillips	3099	1	663	0	0	0
PA	F R Phillips	3099	2	504	0	0	0
PA	F R Phillips	3099	3	1,165	0	0	0
PA	F R Phillips	3099	4	1,112	0	0	0
PA	F R Phillips	3099	5	1,131	0	0	0
PA	F R Phillips	3099	6	2,022	0	0	0
PA	Front Street	3121	7	294	0	0	0
PA	Front Street	3121	8	294	0	0	0
PA	Front Street	3121	9	1,176	0	0	0
PA	Front Street	3121	10	1,176	0	0	0
PA	Grays Ferry Cogen	54785	2	0	9	9	0
PA	Hatfields Ferry	3179	XS123 (1, 2, 3)				
PA	Hatfields Ferry	3179	1	16,313	56,715	56,115	600
PA	Hatfields Ferry	3179	2	16,094	56,690	56,090	600
PA	Hatfields Ferry	3179	3	17,365	54,090	53,490	600
PA	Holtwood	3145	17	3,571	1	0	1
PA	Homer City	3122	1	17,759	61,674	52,865	8,809
PA	Homer City	3122	2	16,314	51,007	50,539	468
PA	Homer City	3122	3	27,629	28,362	27,865	497
PA	Hunlock Power	3176	6	2,257	3,578	3,576	2
PA	Keystone	3136	1	28,219	77,886	77,479	407
PA	Keystone	3136	2	30,045	76,366	76,011	355
PA	Martins Creek	3148	CS102 (1, 2)				
PA	Martins Creek	3148	1	5,457	9,919	8,822	1,097
PA	Martins Creek	3148	2	5,528	10,630	9,953	677
PA	Martins Creek	3148	3	13,183	4,180	4,168	12
PA	Martins Creek	3148	4	12,127	2,792	2,757	35
PA	Mitchell	3181	1	0	37	17	20
PA	Mitchell	3181	2	1	50	30	20
PA	Mitchell	3181	3	0	44	24	20
PA	Mitchell	3181	33	5,495	1,356	1,256	100
PA	Montour	3149	1	24,191	58,361	58,244	117
PA	Montour	3149	2	24,680	49,795	49,723	72
PA	New Castle	3138	1	1,292	0	0	0
PA	New Castle	3138	2	1,439	0	0	0
PA	New Castle	3138	3	2,843	7,871	7,612	259
PA	New Castle	3138	4	2,817	8,294	8,018	276
PA	New Castle	3138	5	4,514	9,335	9,029	306

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
PA	Portland	3113	1	2,560	9,056	9,036	20
PA	Portland	3113	2	4,413	11,265	11,260	5
PA	Portland	3113	5	0	2	1	1
PA	Richmond	3168	63	0	0	0	0
PA	Richmond	3168	64	0	0	0	0
PA	Schuylkill	3169	1	572	572	128	444
PA	Seward	3130	CS2 (12, 14, 15)				
PA	Seward	3130	12	1,096	1,096	1,093	3
PA	Seward	3130	14	1,096	1,217	1,212	5
PA	Seward	3130	15	5,002	8,593	8,588	5
PA	Shawville	3131	1	4,430	9,478	9,473	5
PA	Shawville	3131	2	4,456	10,956	10,951	5
PA	Shawville	3131	CS1 (3, 4)				
PA	Shawville	3131	3	6,111	12,806	12,801	5
PA	Shawville	3131	4	6,070	15,033	15,028	5
PA	Southwark	3170	11	0	0	0	0
PA	Southwark	3170	12	0	0	0	0
PA	Southwark	3170	21	0	0	0	0
PA	Southwark	3170	22	0	0	0	0
PA	Springdale	3182	77	0	0	0	0
PA	Springdale	3182	88	0	0	0	0
PA	Sunbury	3152	3	4,029	16,527	8,005	8,522
PA	Sunbury	3152	4	5,250	9,654	7,806	1,848
PA	Sunbury	3152	CS1 (1A, 1B)				
PA	Sunbury	3152	1A	1,818	3,718	3,436	282
PA	Sunbury	3152	1B	1,817	3,582	3,382	200
PA	Sunbury	3152	CS2 (2A, 2B)				
PA	Sunbury	3152	2A	1,818	2,818	2,708	110
PA	Sunbury	3152	2B	1,818	3,018	2,735	283
PA	Titus	3115	1	2,150	5,459	5,454	5
PA	Titus	3115	2	2,272	4,858	4,853	5
PA	Titus	3115	3	2,195	4,991	4,986	5
PA	Warren	3132	CS3 (1, 2, 3, 4)				
PA	Warren	3132	1	720	525	502	23
PA	Warren	3132	2	720	584	579	5
PA	Warren	3132	3	740	876	873	3
PA	Warren	3132	4	740	935	930	5
PA	Westwood	50611	031	0	350	293	57
PA	Williamsburg	3135	11	935	935	0	935
RI	Manchester Street	3236	6	693	0	0	0
RI	Manchester Street	3236	7	458	0	0	0
RI	Manchester Street	3236	9	0	7	2	5
RI	Manchester Street	3236	10	0	7	2	5
RI	Manchester Street	3236	11	0	7	2	5

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
RI	Manchester Street	3236	12	512	0	0	0
RI	South Street	3238	121	1,086	0	0	0
RI	South Street	3238	122	946	0	0	0
RI	Tiverton	55048	1	0	33	1	32
SC	Broad River Energy Center (I)	55166	CT-1	0	6	1	5
SC	Broad River Energy Center (I)	55166	CT-2	0	4	2	2
SC	Broad River Energy Center (I)	55166	CT-3	0	3	1	2
SC	Canadys Steam	3280	CAN1	3,248	10,432	5,085	5,347
SC	Canadys Steam	3280	CAN2	2,979	9,976	5,727	4,249
SC	Canadys Steam	3280	CAN3	4,223	12,324	7,855	4,469
SC	Cherokee County Cogen	55043	CCCP1	0	4	1	3
SC	Cope Station	7210	COP1	2,616	4,884	2,012	2,872
SC	Cross	130	1	5,603	4,175	2,725	1,450
SC	Cross	130	2	8,941	10,109	9,728	381
SC	Darlington County	3250	12	0	10	6	4
SC	Darlington County	3250	13	0	10	6	4
SC	Dolphus M Grainger	3317	1	3,114	4,820	4,581	239
SC	Dolphus M Grainger	3317	2	277	4,054	3,963	91
SC	H B Robinson	3251	1	3,815	7,995	7,894	101
SC	Hagood	3285	HAG1	3	0	0	0
SC	Hagood	3285	HAG2	451	0	0	0
SC	Hagood	3285	HAG3	787	0	0	0
SC	Hagood	3285	HAG4	948	982	34	948
SC	Jefferies	3319	1	0	656	314	342
SC	Jefferies	3319	2	1	692	367	325
SC	Jefferies	3319	3	3,886	10,622	9,698	924
SC	Jefferies	3319	4	3,743	10,991	8,955	2,036
SC	Mcmeekin	3287	MCM1	4,080	21,805	6,776	15,029
SC	Mcmeekin	3287	MCM2	4,038	13,915	7,380	6,535
SC	Na 1 -- 7106	7106	**GT1	0	0	0	0
SC	Urquhart	3295	URQ1	2,195	7,249	3,852	3,397
SC	Urquhart	3295	URQ2	1,927	6,957	4,092	2,865
SC	Urquhart	3295	URQ3	2,914	10,285	6,043	4,242
SC	Urquhart	3295	URQ4	0	3	3	0
SC	W S Lee	3264	1	3,381	2,582	2,347	235
SC	W S Lee	3264	2	3,727	2,995	2,721	274
SC	W S Lee	3264	3	6,800	5,631	5,203	428
SC	Wateree	3297	WAT1	9,717	19,225	16,126	3,099
SC	Wateree	3297	WAT2	9,270	27,923	15,058	12,865
SC	Williams	3298	WIL1	15,821	24,517	24,205	312
SC	Winyah	6249	1	7,574	21,442	19,646	1,796
SC	Winyah	6249	2	6,234	9,818	9,235	583
SC	Winyah	6249	3	3,610	4,998	4,737	261
SC	Winyah	6249	4	3,427	4,008	3,924	84

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
SD	Angus Anson	7237	2	851	851	3	848
SD	Angus Anson	7237	3	1,020	1,020	2	1,018
SD	Big Stone	6098	1	13,715	13,780	13,528	252
SD	Huron	3344	**2A	80	5	0	5
SD	Huron	3344	**2B	103	3	0	3
SD	Pathfinder	3334	11	11	11	0	11
SD	Pathfinder	3334	12	2	2	0	2
SD	Pathfinder	3334	13	2	2	0	2
TN	Allen	3393	1	6,608	27,049	6,462	20,587
TN	Allen	3393	2	7,231	22,894	7,536	15,358
TN	Allen	3393	3	6,756	23,901	4,864	19,037
TN	Brownsville Power I, LLC	2387	AA-001	0	1	0	1
TN	Brownsville Power I, LLC	2387	AA-002	0	1	0	1
TN	Brownsville Power I, LLC	2387	AA-003	0	1	0	1
TN	Brownsville Power I, LLC	2387	AA-004	0	1	0	1
TN	Bull Run	3396	1	25,047	39,513	36,669	2,844
TN	Cumberland	3399	1	37,386	123,716	8,995	114,721
TN	Cumberland	3399	2	40,896	150,697	10,861	139,836
TN	DuPont Johnsonville	880001	JVD1	1,778	0	0	0
TN	DuPont Johnsonville	880001	JVD2	1,778	0	0	0
TN	DuPont Johnsonville	880001	JVD3	1,777	0	0	0
TN	DuPont Johnsonville	880001	JVD4	1,777	0	0	0
TN	Gallatin	3403	CSGA12 (1, 2)				
TN	Gallatin	3403	1	7,605	18,339	17,181	1,158
TN	Gallatin	3403	2	7,464	18,864	17,070	1,794
TN	Gallatin	3403	CSGA34 (3, 4)				
TN	Gallatin	3403	3	8,635	21,881	19,860	2,021
TN	Gallatin	3403	4	9,168	26,361	24,189	2,172
TN	Gallatin	3403	GCT5	0	500	3	497
TN	Gallatin	3403	GCT6	0	500	2	498
TN	Gallatin	3403	GCT7	0	500	3	497
TN	Gallatin	3403	GCT8	0	500	2	498
TN	Gleason Generating Facility LLC	55251	CTG-1	0	2	0	2
TN	Gleason Generating Facility LLC	55251	CTG-2	0	2	0	2
TN	Gleason Generating Facility LLC	55251	CTG-3	0	2	0	2
TN	John Sevier	3405	CSJS12 (1, 2)				
TN	John Sevier	3405	1	6,361	16,361	14,071	2,290
TN	John Sevier	3405	2	6,358	16,858	14,253	2,605
TN	John Sevier	3405	CSJS34 (3, 4)				
TN	John Sevier	3405	3	6,519	14,019	12,886	1,133
TN	John Sevier	3405	4	6,669	15,669	14,690	979
TN	Johnsonville	3406	CSJO10 (1, 2, 3, 4, 5, 6, 7, 8, 9, 10)				
TN	Johnsonville	3406	1	3,358	13,610	11,992	1,618
TN	Johnsonville	3406	2	3,465	13,874	12,044	1,830

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
TN	Johnsonville	3406	3	3,628	13,340	11,608	1,732
TN	Johnsonville	3406	4	3,443	13,307	11,774	1,533
TN	Johnsonville	3406	5	3,553	11,650	10,460	1,190
TN	Johnsonville	3406	6	3,404	12,806	10,987	1,819
TN	Johnsonville	3406	7	3,871	14,212	12,436	1,776
TN	Johnsonville	3406	8	3,753	15,128	13,250	1,878
TN	Johnsonville	3406	9	3,052	14,422	11,758	2,664
TN	Johnsonville	3406	10	3,256	14,079	12,114	1,965
TN	Johnsonville	3406	JCT17	0	500	1	499
TN	Johnsonville	3406	JCT18	0	500	1	499
TN	Johnsonville	3406	JCT19	0	500	1	499
TN	Johnsonville	3406	JCT20	0	500	1	499
TN	Kingston	3407	CSKI15 (1, 2, 3, 4, 5)				
TN	Kingston	3407	1	4,152	10,652	9,225	1,427
TN	Kingston	3407	2	3,992	10,492	9,399	1,093
TN	Kingston	3407	3	4,751	11,751	10,086	1,665
TN	Kingston	3407	4	5,041	9,541	8,226	1,315
TN	Kingston	3407	5	6,194	12,694	11,498	1,196
TN	Kingston	3407	CSKI69 (6, 7, 8, 9)				
TN	Kingston	3407	6	6,347	12,347	11,426	921
TN	Kingston	3407	7	6,189	12,189	10,895	1,294
TN	Kingston	3407	8	5,784	14,284	13,325	959
TN	Kingston	3407	9	6,405	14,405	12,872	1,533
TN	Watts Bar	3419	A	0	0	0	0
TN	Watts Bar	3419	B	0	0	0	0
TN	Watts Bar	3419	C	0	0	0	0
TN	Watts Bar	3419	D	0	0	0	0
TX	Barney M. Davis	4939	1	496	456	149	307
TX	Barney M. Davis	4939	2	398	438	426	12
TX	Bay Port	10298	CG801	0	0	0	0
TX	Bay Port	10298	CG802	0	0	0	0
TX	Bay Port	10298	CG803	0	0	0	0
TX	Bay Port	10298	CG804	0	0	0	0
TX	Big Brown	3497	1	20,985	42,985	42,401	584
TX	Big Brown	3497	2	19,878	44,093	43,590	503
TX	Blackhawk Station	55064	001	0	5	3	2
TX	Blackhawk Station	55064	002	0	5	3	2
TX	Bosque County Power Plant	55172	GT-1	0	5	1	4
TX	Bosque County Power Plant	55172	GT-2	0	5	0	5
TX	Bryan	3561	6	19	19	2	17
TX	C E Newman	3574	BW5	3	3	2	1
TX	Cedar Bayou	3460	CBY1	814	814	102	712
TX	Cedar Bayou	3460	CBY2	921	921	194	727
TX	Cedar Bayou	3460	CBY3	725	725	63	662

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
TX	Cleburne Cogeneration Facility	54817	EAST	0	5	4	1
TX	Cleburne Cogeneration Facility	54817	WEST	0	0	0	0
TX	Coletto Creek	6178	1	14,721	14,741	14,721	20
TX	Coletto Creek	6178	**2	0	0	0	0
TX	Collin	3500	1	92	62	5	57
TX	Concho	3518	7	11	11	0	11
TX	Dallas	3451	3	27	0	0	0
TX	Dallas	3451	9	26	0	0	0
TX	Dansby	6243	1	94	94	6	88
TX	Decker Creek	3548	1	128	128	10	118
TX	Decker Creek	3548	2	195	195	22	173
TX	Decordova	8063	1	1,018	218	69	149
TX	Deepwater	3461	DWP1	0	0	0	0
TX	Deepwater	3461	DWP2	0	0	0	0
TX	Deepwater	3461	DWP3	0	0	0	0
TX	Deepwater	3461	DWP4	0	0	0	0
TX	Deepwater	3461	DWP5	0	0	0	0
TX	Deepwater	3461	DWP6	0	0	0	0
TX	Deepwater	3461	DWP7	0	0	0	0
TX	Deepwater	3461	DWP8	0	0	0	0
TX	Deepwater	3461	DWP9	28	28	1	27
TX	Denver City	3480	6	0	0	0	0
TX	E S Joslin	3436	1	260	260	52	208
TX	Eagle Mountain	3489	1	52	52	1	51
TX	Eagle Mountain	3489	2	140	90	23	67
TX	Eagle Mountain	3489	3	100	60	2	58
TX	Forest Grove	6148	**1	0	0	0	0
TX	Fort Phantom	4938	1	126	136	125	11
TX	Fort Phantom	4938	2	187	177	56	121
TX	Frontera Power Facility	55098	1	0	8	2	6
TX	Frontera Power Facility	55098	2	0	8	2	6
TX	Generic Stat	7235	**1	0	0	0	0
TX	Generic Stat	7235	**2	0	0	0	0
TX	Gibbons Creek	6136	1	14,414	12,567	11,639	928
TX	Graham	3490	1	235	135	57	78
TX	Graham	3490	2	496	446	377	69
TX	Greens Bayou	3464	GBY1	1	1	0	1
TX	Greens Bayou	3464	GBY2	2	2	0	2
TX	Greens Bayou	3464	GBY3	15	15	0	15
TX	Greens Bayou	3464	GBY4	19	19	0	19
TX	Greens Bayou	3464	GBY5	352	352	13	339
TX	Gregory Power Facility	55086	101	0	5	2	3
TX	Gregory Power Facility	55086	102	0	5	2	3
TX	Handley	3491	2	21	21	1	20

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
TX	Handley	3491	3	423	73	4	69
TX	Handley	3491	4	118	468	102	366
TX	Handley	3491	5	136	106	34	72
TX	Handley	3491	1A	7	7	0	7
TX	Handley	3491	1B	0	0	0	0
TX	Harrington Station	6193	061B	8,234	9,018	8,818	200
TX	Harrington Station	6193	062B	8,721	8,621	8,303	318
TX	Harrington Station	6193	063B	9,269	8,585	8,361	224
TX	Hidalgo Energy Facility	7762	HRSG1	0	2	1	1
TX	Hidalgo Energy Facility	7762	HRSG2	0	2	1	1
TX	Hiram Clarke	3465	HOC1	0	0	0	0
TX	Hiram Clarke	3465	HOC2	0	0	0	0
TX	Hiram Clarke	3465	HOC3	3	3	0	3
TX	Hiram Clarke	3465	HOC4	2	2	0	2
TX	Holly Ave	3602	1	59	59	1	58
TX	Holly Ave	3602	2	71	71	1	70
TX	Holly Street	3549	1	49	49	0	49
TX	Holly Street	3549	2	31	31	0	31
TX	Holly Street	3549	3	68	68	2	66
TX	Holly Street	3549	4	43	43	2	41
TX	J K Spruce	7097	**1	6,692	6,692	3,642	3,050
TX	J K Spruce	7097	**2	0	0	0	0
TX	J L Bates	3438	1	48	48	28	20
TX	J L Bates	3438	2	124	124	25	99
TX	J T Deely	6181	CS012 (1, 2)				
TX	J T Deely	6181	1	13,136	13,136	9,802	3,334
TX	J T Deely	6181	2	13,705	13,705	9,803	3,902
TX	J. Robert Massengale Generating	3604	GT1	0	0	0	0
TX	Jones Station	3482	151B	125	124	4	120
TX	Jones Station	3482	152B	93	93	27	66
TX	Knox Lee	3476	2	0	5	0	5
TX	Knox Lee	3476	3	5	5	0	5
TX	Knox Lee	3476	4	29	24	0	24
TX	Knox Lee	3476	5	251	251	145	106
TX	La Palma	3442	7	178	178	99	79
TX	Lake Creek	3502	1	39	39	1	38
TX	Lake Creek	3502	2	191	91	7	84
TX	Lake Hubbard	3452	1	170	120	31	89
TX	Lake Hubbard	3452	2	604	204	52	152
TX	Lamar Power (Paris Generating Stati	55097	1	0	2	2	0
TX	Lamar Power (Paris Generating Stati	55097	2	0	2	0	2
TX	Laredo	3439	1	15	15	1	14
TX	Laredo	3439	2	14	14	1	13
TX	Laredo	3439	3	85	85	6	79

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
TX	Leon Creek	3609	3	2	2	0	2
TX	Leon Creek	3609	4	10	10	0	10
TX	Lewis Creek	3457	1	317	7	5	2
TX	Lewis Creek	3457	2	271	7	5	2
TX	Limestone	298	LIM1	23,787	21,787	16,862	4,925
TX	Limestone	298	LIM2	14,158	16,158	15,209	949
TX	Lon C Hill	3440	1	9	9	0	9
TX	Lon C Hill	3440	2	10	10	1	9
TX	Lon C Hill	3440	3	179	179	3	176
TX	Lon C Hill	3440	4	197	197	46	151
TX	Lone Star	3477	1	0	0	0	0
TX	Malakoff	370	**1	1,539	1,539	0	1,539
TX	Martin Lake	6146	1	33,231	26,631	16,490	10,141
TX	Martin Lake	6146	2	32,266	31,266	21,172	10,094
TX	Martin Lake	6146	3	33,436	30,436	20,396	10,040
TX	Midlothian Energy	55091	STK1	0	1	1	0
TX	Midlothian Energy	55091	STK2	0	1	1	0
TX	Mission Road	3610	3	3	3	0	3
TX	Monticello	6147	1	23,641	38,641	37,587	1,054
TX	Monticello	6147	2	22,938	34,246	33,186	1,060
TX	Monticello	6147	3	35,232	18,272	17,572	700
TX	Moore County Station	3483	3	0	1	0	1
TX	Morgan Creek	3492	3	8	8	0	8
TX	Morgan Creek	3492	4	72	72	1	71
TX	Morgan Creek	3492	5	154	154	44	110
TX	Morgan Creek	3492	6	836	136	8	128
TX	Mountain Creek	3453	2	4	4	0	4
TX	Mountain Creek	3453	6	63	63	25	38
TX	Mountain Creek	3453	7	62	212	175	37
TX	Mountain Creek	3453	8	527	102	5	97
TX	Mountain Creek	3453	3A	11	11	0	11
TX	Mountain Creek	3453	3B	2	2	0	2
TX	Mustang Station	55065	1	0	5	3	2
TX	Mustang Station	55065	2	0	5	3	2
TX	Na 1 -- 7219	7219	**1	0	0	0	0
TX	Na 1 -- 7219	7219	**2	0	0	0	0
TX	Na 2 -- 4274	4274	**NA1	0	0	0	0
TX	Neches	3458	11	0	0	0	0
TX	Neches	3458	13	0	0	0	0
TX	Neches	3458	15	0	0	0	0
TX	Neches	3458	18	0	0	0	0
TX	Newgulf	50137	1	0	4	0	4
TX	Newman	3456	1	14	14	1	13
TX	Newman	3456	2	29	29	1	28

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
TX	Newman	3456	3	88	7	1	6
TX	Newman	3456	**4	99	49	2	47
TX	Newman	3456	**5	0	50	2	48
TX	Nichols Station	3484	141B	77	77	1	76
TX	Nichols Station	3484	142B	86	86	1	85
TX	Nichols Station	3484	143B	50	50	2	48
TX	North Lake	3454	1	131	131	36	95
TX	North Lake	3454	2	150	100	16	84
TX	North Lake	3454	3	294	164	34	130
TX	North Main	3493	4	42	42	1	41
TX	North Texas	3627	3	13	1	1	0
TX	Nueces Bay	3441	5	1	1	0	1
TX	Nueces Bay	3441	6	140	140	8	132
TX	Nueces Bay	3441	7	496	476	177	299
TX	O W Sommers	3611	1	478	472	6	466
TX	O W Sommers	3611	2	188	188	4	184
TX	Oak Creek	3523	1	106	106	2	104
TX	Oklaunion	127	1	7,859	7,859	5,602	2,257
TX	P H Robinson	3466	PHR1	645	645	6	639
TX	P H Robinson	3466	PHR2	494	494	7	487
TX	P H Robinson	3466	PHR3	685	685	7	678
TX	P H Robinson	3466	PHR4	796	796	8	788
TX	Paint Creek	3524	1	11	21	13	8
TX	Paint Creek	3524	2	11	41	29	12
TX	Paint Creek	3524	3	28	28	8	20
TX	Paint Creek	3524	4	105	125	113	12
TX	Parkdale	3455	1	34	34	1	33
TX	Parkdale	3455	2	62	62	1	61
TX	Parkdale	3455	3	61	61	1	60
TX	Pasadena Power Plant	55047	CG-1	0	7	4	3
TX	Pasadena Power Plant	55047	CG-2	0	1	1	0
TX	Pasadena Power Plant	55047	CG-3	0	1	1	0
TX	Permian Basin	3494	5	103	53	1	52
TX	Permian Basin	3494	6	804	254	118	136
TX	Pirkey	7902	1	20,532	20,532	18,828	1,704
TX	Plant X	3485	111B	0	1	0	1
TX	Plant X	3485	112B	2	2	0	2
TX	Plant X	3485	113B	89	76	1	75
TX	Plant X	3485	114B	0	12	8	4
TX	Port Neches	54748	GT1	0	0	0	0
TX	Powerlane Plant	4195	2	459	459	0	459
TX	Powerlane Plant	4195	3	37	37	0	37
TX	R W Miller	3628	1	55	1	1	0
TX	R W Miller	3628	2	98	2	2	0

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
TX	R W Miller	3628	3	218	3	3	0
TX	R W Miller	3628	**4	851	1	1	0
TX	R W Miller	3628	**5	851	1	1	0
TX	Ray Olinger	3576	BW2	60	60	5	55
TX	Ray Olinger	3576	BW3	79	79	2	77
TX	Ray Olinger	3576	CE1	42	42	1	41
TX	Rio Pecos	3526	5	64	44	2	42
TX	Rio Pecos	3526	6	179	139	2	137
TX	River Crest	3503	1	61	61	1	60
TX	Sabine	3459	1	152	7	4	3
TX	Sabine	3459	2	164	9	3	6
TX	Sabine	3459	3	576	11	6	5
TX	Sabine	3459	4	504	9	6	3
TX	Sabine	3459	5	323	13	8	5
TX	Sabine Cogeneration Facility	55104	SAB-1	0	1	1	0
TX	Sabine Cogeneration Facility	55104	SAB-2	0	1	1	0
TX	Sam Bertron	3468	SRB1	57	57	1	56
TX	Sam Bertron	3468	SRB2	18	18	1	17
TX	Sam Bertron	3468	SRB3	120	100	2	98
TX	Sam Bertron	3468	SRB4	79	79	2	77
TX	Sam Seymour	6179	1	15,910	14,982	14,150	832
TX	Sam Seymour	6179	2	17,396	16,072	14,743	1,329
TX	Sam Seymour	6179	3	10,494	1,746	1,736	10
TX	San Angelo	3527	2	161	161	4	157
TX	San Jacinto Steam Electric Station	7325	SJS1	0	10	3	7
TX	San Jacinto Steam Electric Station	7325	SJS2	0	10	3	7
TX	San Miguel	6183	SM-1	17,216	17,216	12,223	4,993
TX	Sandow	6648	4	25,698	25,698	19,546	6,152
TX	Seaholm	3550	9	4	4	0	4
TX	Silas Ray	3559	9	0	5	0	5
TX	Sim Gideon	3601	1	47	47	1	46
TX	Sim Gideon	3601	2	56	56	1	55
TX	Sim Gideon	3601	3	277	277	4	273
TX	Spencer	4266	4	19	19	0	19
TX	Spencer	4266	5	23	23	1	22
TX	Stryker Creek	3504	1	170	120	38	82
TX	Stryker Creek	3504	2	525	425	182	243
TX	Sweeny Cogeneration Facility	55015	1	0	36	3	33
TX	Sweeny Cogeneration Facility	55015	2	0	12	3	9
TX	Sweeny Cogeneration Facility	55015	3	0	12	3	9
TX	T C Ferguson	4937	1	253	253	5	248
TX	T H Wharton	3469	THW1	7	7	0	7
TX	T H Wharton	3469	THW2	97	97	2	95
TX	Tenaska Frontier Generating Station	55062	1	0	2	2	0

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
TX	Tenaska Frontier Generating Station	55062	2	0	2	2	0
TX	Tenaska Frontier Generating Station	55062	3	0	2	2	0
TX	TNP One	7030	U1	2,123	2,624	2,350	274
TX	TNP One	7030	U2	3,500	2,999	2,695	304
TX	Tolk Station	6194	171B	14,781	14,293	13,536	757
TX	Tolk Station	6194	172B	14,444	14,932	14,665	267
TX	Tradinghouse	3506	1	593	193	5	188
TX	Tradinghouse	3506	2	995	395	96	299
TX	Trinidad	3507	7	6	6	0	6
TX	Trinidad	3507	8	1	1	0	1
TX	Trinidad	3507	9	135	85	1	84
TX	Twin Oak	6180	1	8,015	0	0	0
TX	Twin Oak	6180	2	1,540	0	0	0
TX	V H Braunig	3612	1	78	78	6	72
TX	V H Braunig	3612	2	121	121	1	120
TX	V H Braunig	3612	3	416	416	4	412
TX	V H Braunig	3612	CP01 (CT01, CT02)				
TX	V H Braunig	3612	CT01	0	3	2	1
TX	V H Braunig	3612	CT02	0	3	2	1
TX	Valley (Texas Utilities)	3508	1	77	77	11	66
TX	Valley (Texas Utilities)	3508	2	518	168	39	129
TX	Valley (Texas Utilities)	3508	3	124	124	2	122
TX	Victoria	3443	5	6	6	0	6
TX	Victoria	3443	6	8	8	0	8
TX	Victoria	3443	7	110	110	19	91
TX	Victoria	3443	8	238	238	32	206
TX	W a Parish	3470	WAP1	57	57	1	56
TX	W a Parish	3470	WAP2	56	56	1	55
TX	W a Parish	3470	WAP3	245	245	3	242
TX	W a Parish	3470	WAP4	558	558	4	554
TX	W a Parish	3470	WAP5	22,878	21,378	16,206	5,172
TX	W a Parish	3470	WAP6	20,761	19,261	14,894	4,367
TX	W a Parish	3470	WAP7	15,142	19,500	18,500	1,000
TX	W a Parish	3470	WAP8	7,287	5,929	4,933	996
TX	W B Tuttle	3613	1	2	2	0	2
TX	W B Tuttle	3613	2	19	19	0	19
TX	W B Tuttle	3613	3	11	11	0	11
TX	W B Tuttle	3613	4	48	48	0	48
TX	Webster	3471	WEB1	14	14	0	14
TX	Webster	3471	WEB2	17	17	0	17
TX	Webster	3471	WEB3	343	343	2	341
TX	Welsh	6139	1	13,329	14,029	14,024	5
TX	Welsh	6139	2	12,846	12,846	12,599	247
TX	Welsh	6139	3	15,220	14,520	12,843	1,677

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
TX	Wilkes	3478	1	30	30	16	14
TX	Wilkes	3478	2	118	118	3	115
TX	Wilkes	3478	3	129	129	3	126
UT	Bonanza	7790	1-1	10,785	1,824	1,038	786
UT	Carbon	3644	1	1,913	1,560	1,535	25
UT	Carbon	3644	2	2,499	3,094	3,069	25
UT	Gadsby	3648	1	24	2	1	1
UT	Gadsby	3648	2	1,690	2	1	1
UT	Gadsby	3648	3	2,265	2	1	1
UT	Hale	3652	1	1	0	0	0
UT	Hunter (Emery)	6165	1	7,454	2,512	2,156	356
UT	Hunter (Emery)	6165	2	7,960	2,599	1,764	835
UT	Hunter (Emery)	6165	3	11,254	1,075	1,050	25
UT	Huntington	8069	1	7,925	1,853	1,798	55
UT	Huntington	8069	2	9,753	11,339	11,314	25
UT	Intermountain	6481	1SGA	2,875	2,875	1,855	1,020
UT	Intermountain	6481	2SGA	2,895	2,895	1,619	1,276
VA	Bellemeade	50966	1	0	25	7	18
VA	Bellemeade	50966	2	0	25	7	18
VA	Bremo	3796	3	2,029	6,029	3,859	2,170
VA	Bremo	3796	4	5,160	11,160	7,678	3,482
VA	Chesapeake	3803	1	2,117	10,117	5,367	4,750
VA	Chesapeake	3803	2	2,210	8,210	5,005	3,205
VA	Chesapeake	3803	3	4,560	12,560	8,274	4,286
VA	Chesapeake	3803	4	5,872	15,872	10,663	5,209
VA	Chesterfield	3797	3	2,561	9,561	5,510	4,051
VA	Chesterfield	3797	4	4,670	10,670	6,751	3,919
VA	Chesterfield	3797	5	9,166	19,166	18,068	1,098
VA	Chesterfield	3797	6	17,139	42,139	37,145	4,994
VA	Chesterfield	3797	**8A	1,387	1,387	45	1,342
VA	Chesterfield	3797	**8B	0	0	0	0
VA	Clinch River	3775	CS012 (1, 2)				
VA	Clinch River	3775	1	5,348	8,514	8,264	250
VA	Clinch River	3775	2	6,113	8,733	8,477	256
VA	Clinch River	3775	3	5,651	9,590	9,309	281
VA	Clover	7213	1	2,938	1,900	867	1,033
VA	Clover	7213	2	2,938	1,900	1,059	841
VA	Commonwealth Chesapeake Pwr Station	55381	CT-001	0	10	1	9
VA	Commonwealth Chesapeake Pwr Station	55381	CT-002	0	10	1	9
VA	Commonwealth Chesapeake Pwr Station	55381	CT-003	0	10	1	9
VA	East Chandler	7186	**2	0	0	0	0
VA	Glen Lyn	3776	6	5,535	9,827	9,539	288
VA	Glen Lyn	3776	51	1,152	2,458	2,386	72
VA	Glen Lyn	3776	52	1,113	2,803	2,721	82

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STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
VA	Possum Point	3804	1	0	0	0	0
VA	Possum Point	3804	2	0	10	5	5
VA	Possum Point	3804	3	2,647	10,647	6,045	4,602
VA	Possum Point	3804	4	6,725	18,725	12,149	6,576
VA	Possum Point	3804	5	4,336	4,336	2,371	1,965
VA	Potomac River	3788	1	2,334	2,334	1,997	337
VA	Potomac River	3788	2	2,309	2,309	2,093	216
VA	Potomac River	3788	3	2,756	3,756	3,251	505
VA	Potomac River	3788	4	3,037	4,037	3,352	685
VA	Potomac River	3788	5	2,913	3,913	3,255	658
VA	Remington Combustion Turbine	7839	1	0	25	1	24
VA	Remington Combustion Turbine	7839	2	0	25	0	25
VA	Remington Combustion Turbine	7839	3	0	25	1	24
VA	Remington Combustion Turbine	7839	4	0	25	2	23
VA	Yorktown	3809	CS0 (1, 2)				
VA	Yorktown	3809	1	4,671	14,671	9,408	5,263
VA	Yorktown	3809	2	4,674	17,014	11,612	5,402
VA	Yorktown	3809	3	6,305	10,305	7,688	2,617
VT	J C Mcneil	589	1	104	104	9	95
WA	Centralia	3845	BW21	19,076	43,453	41,824	1,629
WA	Centralia	3845	BW22	20,337	50,749	41,776	8,973
WA	River Road	7605	1	0	12	4	8
WA	Shuffleton	3858	1	0	0	0	0
WA	Shuffleton	3858	2	0	0	0	0
WA	Shuffleton	3858	3	0	0	0	0
WI	Alma	4140	CS1 (B1, B2, B3, B4, B5)				
WI	Alma	4140	B1	537	872	236	636
WI	Alma	4140	B2	518	898	187	711
WI	Alma	4140	B3	455	716	226	490
WI	Alma	4140	B4	1,193	8,578	1,182	7,396
WI	Alma	4140	B5	1,906	18,401	1,614	16,787
WI	Bay Front	3982	1	1,046	761	131	630
WI	Bay Front	3982	2	529	529	143	386
WI	Bay Front	3982	3	0	0	0	0
WI	Bay Front	3982	4	33	33	0	33
WI	Bay Front	3982	5	281	566	512	54
WI	Blount Street	3992	3	6	6	1	5
WI	Blount Street	3992	5	7	7	0	7
WI	Blount Street	3992	6	7	7	0	7
WI	Blount Street	3992	7	1,476	1,708	1,485	223
WI	Blount Street	3992	8	1,130	2,366	2,057	309
WI	Blount Street	3992	9	1,183	8,584	3,380	5,204
WI	Blount Street	3992	11	1	6	1	5
WI	Columbia	8023	1	15,484	16,216	15,055	1,161

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WI	Columbia	8023	2	8,758	15,037	13,270	1,767
WI	Combustion Turbine	7157	**2	0	0	0	0
WI	Commerce	4036	25	4	4	0	4
WI	Concord	7159	**1	126	13	1	12
WI	Concord	7159	**2	126	10	2	8
WI	Concord	7159	**3	126	10	1	9
WI	Concord	7159	**4	126	10	1	9
WI	DePere Energy Center	55029	B01	0	1	1	0
WI	Edgewater	4050	3	1,237	18,025	1,809	16,216
WI	Edgewater	4050	4	10,396	37,370	7,153	30,217
WI	Edgewater	4050	5	11,459	10,664	8,744	1,920
WI	Genoa	4143	1	8,019	22,247	8,165	14,082
WI	Germantown Power Plant	6253	**5	0	10	4	6
WI	J P Madgett	4271	B1	7,436	14,988	5,376	9,612
WI	Manitowoc	4125	CS0020 (6, 7, 8)				
WI	Manitowoc	4125	6	672	3,172	1,817	1,355
WI	Manitowoc	4125	7	814	814	814	0
WI	Manitowoc	4125	8	238	238	238	0
WI	Na 1 -- 7205	7205	**1	0	0	0	0
WI	Na 1 -- 7205	7205	**2	0	0	0	0
WI	Na 1 -- 7205	7205	**3	0	0	0	0
WI	Na3	7251	**1	0	0	0	0
WI	Na4	7252	**1	0	0	0	0
WI	Neenah Power Plant	55135	CT01	0	3	1	2
WI	Neenah Power Plant	55135	CT02	0	7	3	4
WI	Nelson Dewey	4054	CS1 (1, 2)				
WI	Nelson Dewey	4054	1	2,524	8,177	7,484	693
WI	Nelson Dewey	4054	2	2,808	10,739	6,787	3,952
WI	North Oak Creek	4039	1	2,119	18	0	18
WI	North Oak Creek	4039	2	2,081	18	0	18
WI	North Oak Creek	4039	3	2,130	18	0	18
WI	North Oak Creek	4039	4	2,482	20	0	20
WI	Paris	7270	**1	124	10	1	9
WI	Paris	7270	**2	124	10	2	8
WI	Paris	7270	**3	124	10	1	9
WI	Paris	7270	**4	124	20	1	19
WI	Pleasant Prairie	6170	CS1 (1, 2)				
WI	Pleasant Prairie	6170	1	11,802	17,566	17,129	437
WI	Pleasant Prairie	6170	2	16,680	20,121	17,130	2,991
WI	Port Washington	4040	CS7 (1, 2, 3)				
WI	Port Washington	4040	1	529	4,771	4,277	494
WI	Port Washington	4040	2	1,031	4,592	4,278	314
WI	Port Washington	4040	3	858	4,756	4,278	478
WI	Port Washington	4040	4	804	4,223	3,839	384

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WI	Port Washington	4040	5	1,061	9	0	9
WI	Pulliam	4072	CS34 (3, 4)				
WI	Pulliam	4072	3	140	220	200	20
WI	Pulliam	4072	4	208	470	430	40
WI	Pulliam	4072	CS56 (5, 6)				
WI	Pulliam	4072	5	764	902	818	84
WI	Pulliam	4072	6	885	1,370	1,250	120
WI	Pulliam	4072	7	2,280	1,800	1,676	124
WI	Pulliam	4072	8	3,153	2,100	1,940	160
WI	Rock River	4057	1	1,560	18,938	8	18,930
WI	Rock River	4057	2	1,482	14,414	17	14,397
WI	South Fond Du Lac	7203	**CT1	639	639	0	639
WI	South Fond Du Lac	7203	**CT2	39	39	0	39
WI	South Fond Du Lac	7203	**CT3	39	39	0	39
WI	South Fond Du Lac	7203	**CT4	0	0	0	0
WI	South Oak Creek	4041	CS3 (5, 6)				
WI	South Oak Creek	4041	5	3,885	7,399	6,725	674
WI	South Oak Creek	4041	6	4,861	9,047	8,223	824
WI	South Oak Creek	4041	CS4 (7, 8)				
WI	South Oak Creek	4041	7	6,504	5,661	4,969	692
WI	South Oak Creek	4041	8	6,392	5,275	4,970	305
WI	Stoneman	4146	CS12 (B1, B2)				
WI	Stoneman	4146	B1	177	427	407	20
WI	Stoneman	4146	B2	223	456	448	8
WI	Valley (WEPCO)	4042	CS1 (1, 2)				
WI	Valley (WEPCO)	4042	1	1,805	3,330	3,008	322
WI	Valley (WEPCO)	4042	2	1,824	3,289	3,008	281
WI	Valley (WEPCO)	4042	CS2 (3, 4)				
WI	Valley (WEPCO)	4042	3	1,954	4,461	4,108	353
WI	Valley (WEPCO)	4042	4	1,900	4,579	4,108	471
WI	West Marinette	4076	**33	765	765	1	764
WI	West Marinette	4076	**34	0	5	0	5
WI	Weston	4078	1	1,396	1,300	1,220	80
WI	Weston	4078	2	3,547	2,300	2,120	180
WI	Weston	4078	3	9,704	9,550	8,358	1,192
WI	Whitewater	55011	01	0	5	3	2
WV	Albright	3942	1	1,974	5,180	5,080	100
WV	Albright	3942	2	2,054	5,255	5,155	100
WV	Albright	3942	3	4,598	12,740	12,540	200
WV	Fort Martin	3943	1	17,935	42,603	42,103	500
WV	Fort Martin	3943	2	17,767	48,452	47,952	500
WV	Harrison	3944	XS123 (1, 2, 3)				
WV	Harrison	3944	1	20,966	2,429	2,110	319
WV	Harrison	3944	2	19,902	2,667	2,110	557

APPENDIX A: ACID RAIN PROGRAM - YEAR 2000 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
WV	Harrison	3944	3	17,898	2,435	2,110	325
WV	John E Amos	3935	CS012 (1, 2)				
WV	John E Amos	3935	1	22,589	31,739	30,807	932
WV	John E Amos	3935	2	25,899	25,455	24,704	751
WV	John E Amos	3935	3	41,512	39,237	35,595	3,642
WV	Kammer	3947	CS013 (1, 2, 3)				
WV	Kammer	3947	1	8,082	16,393	15,914	479
WV	Kammer	3947	2	8,390	14,282	13,863	419
WV	Kammer	3947	3	7,499	13,530	13,134	396
WV	Kanawha River	3936	CS012 (1, 2)				
WV	Kanawha River	3936	1	4,462	8,545	7,933	612
WV	Kanawha River	3936	2	4,291	7,459	6,852	607
WV	Mitchell	3948	CS012 (1, 2)				
WV	Mitchell	3948	1	18,963	31,210	30,295	915
WV	Mitchell	3948	2	19,622	24,397	23,681	716
WV	Mountaineer (1301)	6264	1	35,223	39,513	38,350	1,163
WV	Mt Storm	3954	CS0 (1, 2)				
WV	Mt Storm	3954	1	18,855	72,083	53,900	18,183
WV	Mt Storm	3954	2	17,688	59,979	56,054	3,925
WV	Mt Storm	3954	3	18,296	8,471	3,118	5,353
WV	North Branch Power Station	7537	CS1 (1A, 1B)				
WV	North Branch Power Station	7537	1A	0	500	259	241
WV	North Branch Power Station	7537	1B	0	500	255	245
WV	Phil Sporn	3938	CS014 (11, 21, 31, 41)				
WV	Phil Sporn	3938	11	3,130	8,672	8,436	236
WV	Phil Sporn	3938	21	2,965	8,084	7,873	211
WV	Phil Sporn	3938	31	3,313	8,116	7,886	230
WV	Phil Sporn	3938	41	3,053	9,428	9,179	249
WV	Phil Sporn	3938	51	10,617	21,348	20,792	556
WV	Pleasants	6004	1	17,603	23,557	23,357	200
WV	Pleasants	6004	2	20,194	17,905	17,705	200
WV	Rivesville	3945	7	1,237	1,665	1,565	100
WV	Rivesville	3945	8	2,529	4,406	4,306	100
WV	Willow Island	3946	1	1,496	5,627	5,527	100
WV	Willow Island	3946	2	4,684	13,016	12,816	200
WY	Dave Johnston	4158	BW41	4,706	3,749	3,724	25
WY	Dave Johnston	4158	BW42	4,572	3,718	3,693	25
WY	Dave Johnston	4158	BW43	8,830	6,484	6,284	200
WY	Dave Johnston	4158	BW44	6,804	5,710	5,685	25
WY	Jim Bridger	8066	BW71	20,913	6,843	6,818	25
WY	Jim Bridger	8066	BW72	20,470	5,711	5,686	25
WY	Jim Bridger	8066	BW73	19,590	5,167	4,985	182
WY	Jim Bridger	8066	BW74	4,065	3,270	3,245	25
WY	Laramie River	6204	1	5,113	4,534	3,264	1,270

APPENDIX A: ACID RAIN PROGRAM - YEAR 2000 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2000 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2001	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2001
WY	Laramie River	6204	2	4,303	4,303	3,752	551
WY	Laramie River	6204	3	3,823	4,402	4,402	0
WY	Naughton	4162	1	5,203	7,295	7,270	25
WY	Naughton	4162	2	6,743	9,321	9,296	25
WY	Naughton	4162	3	5,216	4,992	4,967	25
WY	Neil Simpson II	7504	001	0	750	662	88
WY	Neil Simpson II	7504	CT1	0	4	1	3
WY	Wyodak	6101	BW91	18,317	6,618	6,566	52
* CS stands for Common Stack, which includes emissions from more than one unit. XS stands for Complex Stack, which includes emissions from one or more Common Stacks and/or Multiple Stacks (MS).							

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Plan Rate	1990 Emission Rate	Change from 1990 to 2000
AL	Barry	Alabama Power Co.	3	1	Averaging Plan	0.40	0.53	0.46	0.43	0.54	-2%
AL	Barry	Alabama Power Co.	3	2	Averaging Plan	0.40	0.53	0.46	0.43	0.54	-2%
AL	Barry	Alabama Power Co.	3	3	Averaging Plan	0.40	0.53	0.46	0.43	0.54	-2%
AL	Barry	Alabama Power Co.	3	4	Averaging Plan	0.40	0.35	0.46	0.43	0.65	-46%
AL	Barry	Alabama Power Co.	3	5	Averaging Plan	0.40	0.35	0.46	0.43	0.68	-49%
AL	Charles R Lowman	Alabama Electric Coop.	56	1	Standard Limitation	0.46	0.38			0.69	-45%
AL	Charles R Lowman	Alabama Electric Coop.	56	2	Early Election	0.46	0.48	0.50		0.62	-23%
AL	Charles R Lowman	Alabama Electric Coop.	56	3	Early Election	0.46	0.47	0.50		0.66	-29%
AL	Colbert	Tennessee Valley Authority	47	1	Averaging Plan	0.50	0.41	0.57	0.54	0.80	-49%
AL	Colbert	Tennessee Valley Authority	47	2	Averaging Plan	0.50	0.41	0.57	0.54	0.67	-39%
AL	Colbert	Tennessee Valley Authority	47	3	Averaging Plan	0.50	0.41	0.57	0.54	0.83	-51%
AL	Colbert	Tennessee Valley Authority	47	4	Averaging Plan	0.50	0.41	0.57	0.54	0.86	-52%
AL	Colbert	Tennessee Valley Authority	47	5	Averaging Plan	0.50	0.42	0.57	0.54	0.78	-46%
AL	E C Gaston	Alabama Power Co.	26	1	Averaging Plan	0.50	0.46	0.46	0.43	0.90	-49%
AL	E C Gaston	Alabama Power Co.	26	2	Averaging Plan	0.50	0.46	0.46	0.43	0.78	-41%
AL	E C Gaston	Alabama Power Co.	26	3	Averaging Plan	0.50	0.45	0.46	0.43	0.80	-44%
AL	E C Gaston	Alabama Power Co.	26	4	Averaging Plan	0.50	0.45	0.46	0.43	0.80	-44%
AL	E C Gaston	Alabama Power Co.	26	5	Averaging Plan	0.45	0.41	0.46	0.43	0.78	-47%
AL	Gadsden	Alabama Power Co.	7	1	Averaging Plan	0.45	0.58	0.46	0.43	0.51	14%
AL	Gadsden	Alabama Power Co.	7	2	Averaging Plan	0.45	0.63	0.46	0.43	0.56	13%
AL	Gorgas	Alabama Power Co.	8	6	Averaging Plan	0.46	0.83	0.46	0.43	0.83	0%
AL	Gorgas	Alabama Power Co.	8	7	Averaging Plan	0.46	0.83	0.46	0.43	0.83	0%
AL	Gorgas	Alabama Power Co.	8	8	Averaging Plan	0.40	0.58	0.46	0.43	0.55	5%

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
AL	Gorgas	Alabama Power Co.	8	9	Averaging Plan	0.40	0.36	0.46	0.43	0.57	-37%
AL	Gorgas	Alabama Power Co.	8	10	Averaging Plan	0.40	0.43	0.46	0.43	0.73	-41%
AL	Greene County	Alabama Power Co.	10	1	Averaging Plan	0.68	0.59	0.46	0.43	0.92	-36%
AL	Greene County	Alabama Power Co.	10	2	Averaging Plan	0.46	0.41	0.46	0.43	0.82	-50%
AL	James H Miller Jr	Alabama Power Co.	6002	1	Averaging Plan	0.46	0.25	0.46	0.43	0.73	-66%
AL	James H Miller Jr	Alabama Power Co.	6002	2	Averaging Plan	0.46	0.26	0.46	0.43	0.54	-52%
AL	James H Miller Jr	Alabama Power Co.	6002	3	Averaging Plan	0.46	0.32	0.46	0.43	0.44	-27%
AL	James H Miller Jr	Alabama Power Co.	6002	4	Averaging Plan	0.46	0.34	0.46	0.43	0.58	-41%
AL	Widows Creek	Tennessee Valley Authority	50	1	Averaging Plan	0.46	0.72	0.57	0.54	0.76	-5%
AL	Widows Creek	Tennessee Valley Authority	50	2	Averaging Plan	0.46	0.72	0.57	0.54	0.76	-5%
AL	Widows Creek	Tennessee Valley Authority	50	3	Averaging Plan	0.46	0.72	0.57	0.54	0.76	-5%
AL	Widows Creek	Tennessee Valley Authority	50	4	Averaging Plan	0.46	0.72	0.57	0.54	0.76	-5%
AL	Widows Creek	Tennessee Valley Authority	50	5	Averaging Plan	0.46	0.72	0.57	0.54	0.76	-5%
AL	Widows Creek	Tennessee Valley Authority	50	6	Averaging Plan	0.46	0.72	0.57	0.54	0.76	-5%
AL	Widows Creek	Tennessee Valley Authority	50	7	Averaging Plan	0.40	0.38	0.57	0.54	0.78	-51%
AL	Widows Creek	Tennessee Valley Authority	50	8	Averaging Plan	0.40	0.42	0.57	0.54	0.63	-33%
AR	Flint Creek	American Electric Power Service	6138	1	Early Election	0.46	0.28	0.50		0.31	-10%
AR	Independence	Entergy Arkansas, Inc.	6641	1	Early Election	0.40	0.25	0.45		0.34	-26%
AR	Independence	Entergy Arkansas, Inc.	6641	2	Early Election	0.40	0.26	0.45		0.35	-26%
AR	White Bluff	Entergy Arkansas, Inc.	6009	1	Early Election	0.40	0.43	0.45		0.29	48%
AR	White Bluff	Entergy Arkansas, Inc.	6009	2	Early Election	0.40	0.33	0.45		0.34	-3%
AZ	Apache Station	Arizona Electric Power Coop., Inc.	160	2	Early Election	0.46	0.48	0.50		0.58	-17%
AZ	Apache Station	Arizona Electric Power Coop., Inc.	160	3	Early Election	0.46	0.43	0.50		0.58	-26%
AZ	Cholla	Arizona Public Service Co.	113	1	Early Election	0.40	0.40	0.45		0.46	-13%

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ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
AZ	Cholla	Arizona Public Service Co.	113	2	Early Election	0.40	0.37	0.45	0.42	-12%	
AZ	Cholla	Arizona Public Service Co.	113	3	Early Election	0.40	0.32	0.45	0.36	-11%	
AZ	Cholla	Arizona Public Service Co.	113	4	Early Election	0.40	0.28	0.45	0.38	-26%	
AZ	Coronado	Salt River Proj. Ag. I & P Dis	6177	U1B	Early Election	0.46	0.42	0.50	0.51	-18%	
AZ	Coronado	Salt River Proj. Ag. I & P Dis	6177	U2B	Early Election	0.46	0.40	0.50	0.51	-22%	
AZ	Irvington	Tucson Electric Power Co.	126	4	Standard Limitation	0.46	0.42		0.71	-41%	
AZ	Navajo	Salt River Proj. Ag. I & P Dis	4941	1	Early Election	0.40	0.41	0.45	0.41	0%	
AZ	Navajo	Salt River Proj. Ag. I & P Dis	4941	2	Early Election	0.40	0.35	0.45	0.41	-15%	
AZ	Navajo	Salt River Proj. Ag. I & P Dis	4941	3	Early Election	0.40	0.37	0.45	0.37	0%	
AZ	Springerville	Tucson Electric Power Co.	8223	1	Early Election	0.40	0.39	0.45	0.34	15%	
AZ	Springerville	Tucson Electric Power Co.	8223	2	Early Election	0.40	0.38	0.45	0.33	15%	
CO	Arapahoe	Public Service Company of CO	465	1	Averaging Plan	0.80	0.71	0.80	0.49	1.14	-38%
CO	Arapahoe	Public Service Company of CO	465	2	Averaging Plan	0.80	0.71	0.80	0.49	1.14	-38%
CO	Arapahoe	Public Service Company of CO	465	3	Averaging Plan	0.80	0.66	0.80	0.49	1.12	-41%
CO	Arapahoe	Public Service Company of CO	465	4	Averaging Plan	0.80	0.26	0.80	0.49	1.10	-76%
CO	Cameo	Public Service Company of CO	468	2	Standard Limitation	0.46	0.41			0.96	-57%
CO	Cherokee	Public Service Company of CO	469	1	Averaging Plan	0.80	0.34	0.80	0.60	1.38	-75%
CO	Cherokee	Public Service Company of CO	469	2	Averaging Plan	0.80	0.80	0.80	0.60	1.67	-52%
CO	Cherokee	Public Service Company of Colorado	469	3	Early Election	0.46	0.38	0.50		0.73	-48%
CO	Cherokee	Public Service Company of Colorado	469	4	Early Election	0.40	0.34	0.45		0.51	-33%
CO	Comanche	Public Service Company of Colorado	470	1	Early Election	0.40	0.24	0.45		0.24	0%
CO	Comanche	Public Service Company of Colorado	470	2	Early Election	0.46	0.32	0.50		0.31	3%
CO	Craig	Tri-State G&T Association, Inc.	6021	C1	Early Election	0.46	0.36	0.50		0.39	-8%
CO	Craig	Tri-State G&T Association, Inc.	6021	C2	Early Election	0.46	0.42	0.50		0.40	5%

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ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
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CO	Craig	Tri-State G&T Association, Inc.	6021	C3	Early Election	0.46	0.36	0.50		0.28	29%
CO	Hayden	Public Service Company of CO	525	H1	Standard Limitation	0.46	0.40			0.89	-55%
CO	Hayden	Public Service Company of CO	525	H2	Standard Limitation	0.40	0.36			0.45	-20%
CO	Martin Drake	Colorado Springs Utilities	492	5	Averaging Plan	0.46	0.42	0.46	0.39	1.09	-61%
CO	Martin Drake	Colorado Springs Utilities	492	6	Averaging Plan	0.46	0.39	0.46	0.39	0.83	-53%
CO	Martin Drake	Colorado Springs Utilities	492	7	Averaging Plan	0.46	0.39	0.46	0.39	0.93	-58%
CO	Pawnee	Public Service Company of Colorado	6248	1	Early Election	0.46	0.21	0.50		0.62	-66%
CO	Rawhide	Platte River Power Authority	6761	101	Early Election	0.40	0.29	0.45		0.43	-33%
CO	Ray D Nixon	Colorado Springs Utilities	8219	1	Early Election	0.46	0.39	0.50		0.54	-28%
CO	Valmont	Public Service Company of Colorado	477	5	Early Election	0.40	0.26	0.45		0.17	53%
CT	Bridgeport Harbor	The United Illuminating Co.	568	BHB3	Early Election	0.40	0.25	0.45		0.56	-55%
DE	Edge Moor	Conectiv Delmarva Generation, Inc.	593	3	Standard Limitation	0.40	0.39			0.74	-47%
DE	Edge Moor	Conectiv Delmarva Generation, Inc.	593	4	Standard Limitation	0.40	0.22			0.55	-60%
DE	Indian River	Delmarva Power & Light Co.	594	1	Standard Limitation	0.46	0.40			0.81	-51%
DE	Indian River	Delmarva Power & Light Co.	594	2	Standard Limitation	0.46	0.36			0.81	-56%
DE	Indian River	Delmarva Power & Light Co.	594	3	Standard Limitation	0.46	0.31			0.97	-68%
DE	Indian River	Delmarva Power & Light Co.	594	4	Standard Limitation	0.46	0.32			0.57	-44%
FL	Big Bend	Tampa Electric Co.	645	BB01	Averaging Plan	0.84	0.74	0.75	0.65	1.24	-40%
FL	Big Bend	Tampa Electric Co.	645	BB02	Averaging Plan	0.84	0.74	0.75	0.65	1.26	-41%
FL	Big Bend	Tampa Electric Co.	645	BB03	Averaging Plan	0.84	0.61	0.75	0.65	0.64	-5%
FL	Big Bend	Tampa Electric Co.	645	BB04	Averaging Plan	0.45	0.44	0.75	0.65	0.46	-4%
FL	C D McIntosh Jr	City of Lakeland, Dept. of Ele	676	3	Early Election	0.46	0.48	0.50		0.46	4%
FL	Crist	Gulf Power Co.	641	4	Averaging Plan	0.45	0.39	0.46	0.43	0.43	-9%
FL	Crist	Gulf Power Co.	641	5	Averaging Plan	0.45	0.39	0.46	0.43	0.49	-20%

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
FL	Crist	Gulf Power Co.	641	6	Averaging Plan	0.50	0.47	0.46	0.43	1.04	-55%
FL	Crist	Gulf Power Co.	641	7	Averaging Plan	0.50	0.47	0.46	0.43	1.16	-59%
FL	Crystal River	Florida Power Corp.	628	1	Standard Limitation	0.40	0.37			0.79	-53%
FL	Crystal River	Florida Power Corp.	628	2	Early Election	0.40	0.44	0.45		0.38	16%
FL	Crystal River	Florida Power Corp.	628	4	Early Election	0.46	0.48	0.50		0.50	-4%
FL	Crystal River	Florida Power Corp.	628	5	Early Election	0.46	0.48	0.50		0.47	2%
FL	Deerhaven	Gainesville Regional Utilities	663	B2	Early Election	0.46	0.48	0.50		0.53	-9%
FL	F J Gannon	Tampa Electric Co.	646	GB03	Averaging Plan	0.86	0.78	0.75	0.65	1.52	-49%
FL	F J Gannon	Tampa Electric Co.	646	GB04	Averaging Plan	0.86	0.76	0.75	0.65	1.48	-49%
FL	F J Gannon	Tampa Electric Co.	646	GB05	Averaging Plan	0.84	0.66	0.75	0.65	1.26	-48%
FL	F J Gannon	Tampa Electric Co.	646	GB06	Averaging Plan	0.84	0.79	0.75	0.65	1.61	-51%
FL	Lansing Smith	Gulf Power Co.	643	1	Averaging Plan	0.40	0.51	0.46	0.43	0.71	-28%
FL	Lansing Smith	Gulf Power Co.	643	2	Averaging Plan	0.40	0.38	0.46	0.43	0.63	-40%
FL	Scholz	Gulf Power Co.	642	1	Averaging Plan	0.50	0.59	0.46	0.43	0.69	-14%
FL	Scholz	Gulf Power Co.	642	2	Averaging Plan	0.50	0.63	0.46	0.43	0.80	-21%
FL	Seminole	Seminole Electric Coop.	136	1	Early Election	0.46	0.45	0.50		0.43	5%
FL	Seminole	Seminole Electric Coop.	136	2	Early Election	0.46	0.39	0.50		0.36	8%
FL	St Johns River Power	Jacksonville Electric Authority	207	1	Early Election	0.46	0.47	0.50		0.50	-6%
FL	St Johns River Power	Jacksonville Electric Authority	207	2	Early Election	0.46	0.47	0.50		0.59	-20%
FL	Stanton Energy	Orlando Utilities Comm.	564	1	Standard Limitation	0.46	0.43			0.43	0%
GA	Arkwright	Georgia Power Co.	699	1	Averaging Plan	0.45	0.76	0.46	0.43	0.90	-16%
GA	Arkwright	Georgia Power Co.	699	2	Averaging Plan	0.45	0.76	0.46	0.43	0.90	-16%
GA	Arkwright	Georgia Power Co.	699	3	Averaging Plan	0.50	0.76	0.46	0.43	0.90	-16%
GA	Arkwright	Georgia Power Co.	699	4	Averaging Plan	0.50	0.76	0.46	0.43	0.90	-16%

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ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
GA	Bowen	Georgia Power Co.	703	1BLR	Averaging Plan	0.45	0.41	0.46	0.43	0.67	-39%
GA	Bowen	Georgia Power Co.	703	2BLR	Averaging Plan	0.45	0.41	0.46	0.43	0.65	-37%
GA	Bowen	Georgia Power Co.	703	3BLR	Averaging Plan	0.45	0.42	0.46	0.43	0.56	-25%
GA	Bowen	Georgia Power Co.	703	4BLR	Averaging Plan	0.45	0.42	0.46	0.43	0.58	-28%
GA	Hammond	Georgia Power Co.	708	1	Averaging Plan	0.50	0.87	0.46	0.43	0.84	4%
GA	Hammond	Georgia Power Co.	708	2	Averaging Plan	0.50	0.87	0.46	0.43	0.84	4%
GA	Hammond	Georgia Power Co.	708	3	Averaging Plan	0.50	0.87	0.46	0.43	0.84	4%
GA	Hammond	Georgia Power Co.	708	4	Averaging Plan	0.50	0.45	0.46	0.43	1.20	-63%
GA	Harlee Branch	Georgia Power Co.	709	1	Averaging Plan	0.68	0.86	0.46	0.43	1.18	-27%
GA	Harlee Branch	Georgia Power Co.	709	2	Averaging Plan	0.50	0.77	0.46	0.43	0.99	-22%
GA	Harlee Branch	Georgia Power Co.	709	3	Averaging Plan	0.68	0.89	0.46	0.43	1.04	-14%
GA	Harlee Branch	Georgia Power Co.	709	4	Averaging Plan	0.68	0.89	0.46	0.43	1.04	-14%
GA	Jack McDonough	Georgia Power Co.	710	MB1	Averaging Plan	0.45	0.33	0.46	0.43	0.66	-50%
GA	Jack McDonough	Georgia Power Co.	710	MB2	Averaging Plan	0.45	0.33	0.46	0.43	0.60	-45%
GA	Kraft	Savannah Electric & Power Co.	733	1	Averaging Plan	0.45	0.48	0.46	0.43	0.40	20%
GA	Kraft	Savannah Electric & Power Co.	733	2	Averaging Plan	0.45	0.48	0.46	0.43	0.40	20%
GA	Kraft	Savannah Electric & Power Co.	733	3	Averaging Plan	0.45	0.48	0.46	0.43	0.40	20%
GA	McIntosh	Savannah Electric & Power Co.	6124	1	Averaging Plan	0.50	0.72	0.46	0.43	0.83	-13%
GA	Mitchell	Georgia Power Co.	727	3	Averaging Plan	0.45	0.60	0.46	0.43	0.61	-2%
GA	Scherer	Georgia Power Co.	6257	1	Averaging Plan	0.40	0.41	0.46	0.43	0.52	-21%
GA	Scherer	Georgia Power Co.	6257	2	Averaging Plan	0.40	0.38	0.46	0.43	0.35	9%
GA	Scherer	Georgia Power Co.	6257	3	Averaging Plan	0.45	0.25	0.46	0.43	0.20	25%
GA	Scherer	Georgia Power Co.	6257	4	Averaging Plan/EE	0.40	0.27	0.46 / 0.45	0.43	0.21	29%
GA	Wansley	Oglethorpe Power Co.	6052	1	Averaging Plan	0.45	0.39	0.46	0.43	0.73	-47%

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
GA	Wansley	Georgia Power Co.	6052	2	Averaging Plan	0.45	0.40	0.46	0.43	0.67	-40%
GA	Yates	Georgia Power Co.	728	Y1BR	Averaging Plan	0.45	0.42	0.46	0.43	0.56	-25%
GA	Yates	Georgia Power Co.	728	Y2BR	Averaging Plan	0.45	0.42	0.46	0.43	0.62	-32%
GA	Yates	Georgia Power Co.	728	Y3BR	Averaging Plan	0.45	0.42	0.46	0.43	0.62	-32%
GA	Yates	Georgia Power Co.	728	Y4BR	Averaging Plan	0.45	0.36	0.46	0.43	0.56	-36%
GA	Yates	Georgia Power Co.	728	Y5BR	Averaging Plan	0.45	0.36	0.46	0.43	0.65	-45%
GA	Yates	Georgia Power Co.	728	Y6BR	Averaging Plan	0.45	0.28	0.46	0.43	0.67	-58%
GA	Yates	Georgia Power Co.	728	Y7BR	Averaging Plan	0.45	0.28	0.46	0.43	0.61	-54%
IA	Ames	City of Ames	1122	7	Early Election	0.40	0.38	0.45		0.60	-37%
IA	Ames	City of Ames	1122	8	Early Election	0.46	0.43	0.50		0.55	-22%
IA	Burlington	IES Utilities, Inc.	1104	1	Averaging Plan	0.45	0.19	0.46	0.36	0.63	-70%
IA	Council Bluffs	MidAmerican Energy Co.	1082	1	Early Election	0.46	0.45	0.50		0.56	-20%
IA	Council Bluffs	MidAmerican Energy Co.	1082	2	Early Election	0.40	0.38	0.45		0.33	15%
IA	Council Bluffs	Atlantic Municipal Utilities	1082	3	Early Election	0.46	0.45	0.50		0.37	22%
IA	Dubuque	Interstate Power Co.	1046	1	Averaging Plan	0.46	0.68	0.46	0.36	0.69	-1%
IA	Dubuque	Interstate Power Co.	1046	5	Averaging Plan	0.46	0.98	0.46	0.36	0.80	23%
IA	Earl F Wisdom	Corn Belt Power Coop.	1217	1	AEL Final	0.46	0.56	0.59		1.11	-50%
IA	Fair Station	Eastern Iowa Light and Power C	1218	2	Standard Limitation	0.46	0.39			0.97	-60%
IA	George Neal North	MidAmerican Energy Co.	1091	2	Early Election	0.46	0.38	0.50		1.06	-64%
IA	George Neal North	MidAmerican Energy Co.	1091	3	Early Election	0.46	0.46	0.50		0.39	18%
IA	George Neal South	MidAmerican Energy Co.	7343	4	Early Election	0.46	0.34	0.50		0.64	-47%
IA	Lansing	Interstate Power Co.	1047	1	Averaging Plan	0.46	0.62	0.46	0.36	0.80	-23%
IA	Lansing	Interstate Power Co.	1047	2	Averaging Plan	0.46	0.62	0.46	0.36	0.80	-23%
IA	Lansing	Interstate Power Co.	1047	3	Averaging Plan	0.46	0.85	0.46	0.36	1.03	-17%

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ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
IA	Lansing	Interstate Power Co.	1047	4	Early Election	0.46	0.41	0.50		0.50	-18%
IA	Louisa	MidAmerican Energy Co.	6664	101	Early Election	0.46	0.28	0.50		0.25	12%
IA	Milton L Kapp	Interstate Power Co.	1048	2	Averaging Plan	0.45	0.19	0.46	0.36	0.80	-76%
IA	Muscatine	City of Muscatine	1167	9	Standard Limitation	0.40	0.27			0.35	-23%
IA	Ottumwa	IES Utilities, Inc.	6254	1	Early Election	0.40	0.33	0.45		0.69	-52%
IA	Prairie Creek	IES Utilities, Inc.	1073	3	Averaging Plan	0.46	0.40	0.46	0.36	0.83	-52%
IA	Prairie Creek	IES Utilities, Inc.	1073	4	Averaging Plan	0.50	0.32	0.46	0.36	1.05	-70%
IA	Riverside	MidAmerican Energy Co.	1081	9	Standard Limitation	0.45	0.34			0.82	-59%
IA	Sixth Street	IES Utilities, Inc.	1058	2	Averaging Plan	0.46	0.33	0.46	0.36	Not Oper.	
IA	Sixth Street	IES Utilities, Inc.	1058	3	Averaging Plan	0.46	0.38	0.46	0.36	Not Oper.	
IA	Sixth Street	IES Utilities, Inc.	1058	4	Averaging Plan	0.46	0.45	0.46	0.36	Not Oper.	
IA	Sixth Street	IES Utilities, Inc.	1058	5	Averaging Plan	0.46	0.75	0.46	0.36	Not Oper.	
IA	Sutherland	IES Utilities, Inc.	1077	1	Averaging Plan	0.46	0.72	0.46	0.36	0.48	50%
IA	Sutherland	IES Utilities, Inc.	1077	2	Averaging Plan	0.46	0.56	0.46	0.36	0.48	17%
IL	Baldwin	Dynegy Midwest Generation, Inc.	889	1	Averaging Plan	0.86	0.66	0.59	0.48	1.70	-61%
IL	Baldwin	Dynegy Midwest Generation, Inc.	889	2	Averaging Plan	0.86	0.70	0.59	0.48	1.47	-52%
IL	Baldwin	Dynegy Midwest Generation, Inc.	889	3	Averaging Plan	0.45	0.21	0.59	0.48	0.67	-69%
IL	Coffeen	Ameren Energy Generating Co.	861	01	Averaging Plan	0.86	1.05	0.59	0.55	1.23	-15%
IL	Coffeen	Ameren Energy Generating Co.	861	02	Averaging Plan	0.86	1.05	0.59	0.55	1.23	-15%
IL	Crawford	Midwest Generation EME, LLC	867	7	Averaging Plan/EE	0.40	0.30	0.59 / 0.45	0.48	0.33	-9%
IL	Crawford	Midwest Generation EME, LLC	867	8	Averaging Plan/EE	0.40	0.38	0.59 / 0.45	0.48	0.48	-21%
IL	Dallman	City of Springfield, Illinois	963	33	Early Election	0.40	0.40	0.45		0.55	-27%
IL	Duck Creek	Central Illinois Light Co.	6016	1	AEL Final	0.46	0.54	0.58		0.90	-40%
IL	E D Edwards	Central Illinois Light Co.	856	1	Standard Limitation	0.46	0.46			0.98	-53%

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IL	E D Edwards	Central Illinois Light Co.	856	2	AEL Final	0.46	0.44			1.00	-56%
IL	E D Edwards	Central Illinois Light Co.	856	3	AEL Final	0.46	0.51	0.53		1.25	-59%
IL	Fisk	Midwest Generation EME, LLC	886	19	Averaging Plan/EE	0.40	0.37	0.59 / 0.45	0.48	0.39	-5%
IL	Grand Tower	Ameren Energy Generating Co.	862	07	Averaging Plan	0.50	0.75	0.59	0.55	0.78	-4%
IL	Grand Tower	Ameren Energy Generating Co.	862	08	Averaging Plan	0.50	0.75	0.59	0.55	0.96	-22%
IL	Grand Tower	Ameren Energy Generating Co.	862	09	Averaging Plan	0.50	0.71	0.59	0.55	0.64	11%
IL	Havana	Dynegy Midwest Generation, Inc.	891	9	Averaging Plan	0.46	0.43	0.59	0.48	0.46	-7%
IL	Hennepin	Dynegy Midwest Generation, Inc.	892	1	Averaging Plan	0.40	0.37	0.59	0.48	0.57	-35%
IL	Hennepin	Dynegy Midwest Generation, Inc.	892	2	Averaging Plan	0.45	0.37	0.59	0.48	0.59	-37%
IL	Hutsonville	Ameren Energy Generating Co.	863	05	Averaging Plan	0.45	0.55	0.59	0.55	0.70	-21%
IL	Hutsonville	Ameren Energy Generating Co.	863	06	Averaging Plan	0.45	0.52	0.59	0.55	0.67	-22%
IL	Joliet 29	Midwest Generation EME, LLC	384	71	Averaging Plan	0.40	0.18	0.59	0.48	0.32	-44%
IL	Joliet 29	Midwest Generation EME, LLC	384	72	Averaging Plan	0.40	0.18	0.59	0.48	0.32	-44%
IL	Joliet 29	Midwest Generation EME, LLC	384	81	Averaging Plan	0.40	0.38	0.59	0.48	0.46	-17%
IL	Joliet 29	Midwest Generation EME, LLC	384	82	Averaging Plan	0.40	0.38	0.59	0.48	0.46	-17%
IL	Joliet 9	Midwest Generation EME, LLC	874	5	Averaging Plan	0.86	0.68	0.59	0.48	0.91	-25%
IL	Joppa Steam	Electric Energy Inc.	887	1	Standard Limitation	0.45	0.20			0.56	-64%
IL	Joppa Steam	Electric Energy Inc.	887	2	Standard Limitation	0.45	0.20			0.56	-64%
IL	Joppa Steam	Electric Energy Inc.	887	3	Standard Limitation	0.45	0.19			0.56	-66%
IL	Joppa Steam	Electric Energy Inc.	887	4	Standard Limitation	0.45	0.19			0.56	-66%
IL	Joppa Steam	Electric Energy Inc.	887	5	Standard Limitation	0.45	0.19			0.56	-66%
IL	Joppa Steam	Electric Energy Inc.	887	6	Standard Limitation	0.45	0.19			0.56	-66%
IL	Kincaid	Dominion Energy Services Co.	876	1	Standard Limitation	0.86	0.75			1.47	-49%
IL	Kincaid	Dominion Energy Services Co.	876	2	Standard Limitation	0.86	0.75			1.47	-49%

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IL	Marion	Southern Illinois Power Coop.	976	4	Standard Limitation	0.86	0.85			1.15	-26%
IL	Meredosia	Ameren Energy Generating Co.	864	01	Averaging Plan	0.45	0.50	0.59	0.55	0.50	0%
IL	Meredosia	Ameren Energy Generating Co.	864	02	Averaging Plan	0.45	0.50	0.59	0.55	0.50	0%
IL	Meredosia	Ameren Energy Generating Co.	864	03	Averaging Plan	0.45	0.50	0.59	0.55	0.50	0%
IL	Meredosia	Ameren Energy Generating Co.	864	04	Averaging Plan	0.45	0.50	0.59	0.55	0.50	0%
IL	Meredosia	Ameren Energy Generating Co.	864	05	Averaging Plan	0.45	0.52	0.59	0.55	0.67	-22%
IL	Newton	Ameren Energy Generating Co.	6017	1	Averaging Plan	0.45	0.17	0.59	0.55	0.47	-64%
IL	Newton	Ameren Energy Generating Co.	6017	2	Averaging Plan	0.45	0.22	0.59	0.55	0.39	-44%
IL	Powerton	Midwest Generation EME, LLC	879	51	Averaging Plan	0.86	0.77	0.59	0.48	0.92	-16%
IL	Powerton	Midwest Generation EME, LLC	879	52	Averaging Plan	0.86	0.77	0.59	0.48	0.92	-16%
IL	Powerton	Midwest Generation EME, LLC	879	61	Averaging Plan	0.86	0.77	0.59	0.48	0.92	-16%
IL	Powerton	Midwest Generation EME, LLC	879	62	Averaging Plan	0.86	0.77	0.59	0.48	0.92	-16%
IL	Vermilion	Dynegy Midwest Generation, Inc.	897	1	Averaging Plan	0.45	0.46	0.59	0.48	0.94	-51%
IL	Vermilion	Dynegy Midwest Generation, Inc.	897	2	Averaging Plan	0.45	0.46	0.59	0.48	0.74	-38%
IL	Waukegan	Midwest Generation EME, LLC	883	7	Averaging Plan/EE	0.40	0.26	0.59 / 0.45	0.48	0.26	0%
IL	Waukegan	Midwest Generation EME, LLC	883	8	Averaging Plan/EE	0.40	0.15	0.59 / 0.45	0.48	0.41	-63%
IL	Will County	Midwest Generation EME, LLC	884	1	Averaging Plan	0.86	0.84	0.59	0.48	0.89	-6%
IL	Will County	Midwest Generation EME, LLC	884	2	Averaging Plan	0.86	0.85	0.59	0.48	0.87	-2%
IL	Will County	Midwest Generation EME, LLC	884	3	Averaging Plan/EE	0.40	0.33	0.59 / 0.45	0.48	0.39	-15%
IL	Will County	Midwest Generation EME, LLC	884	4	Early Election	0.40	0.18	0.45		0.31	-42%
IL	Wood River	Dynegy Midwest Generation, Inc.	898	4	Averaging Plan	0.40	0.70	0.59	0.48	0.70	0%
IL	Wood River	Dynegy Midwest Generation, Inc.	898	5	Averaging Plan	0.40	0.55	0.59	0.48	0.61	-10%
IN	A B Brown	Southern Indiana Gas & Electric Co.	6137	1	Early Election	0.46	0.40	0.50		0.61	-34%
IN	A B Brown	Southern Indiana Gas & Electric Co.	6137	2	Early Election	0.46	0.45	0.50		0.39	15%

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IN	Bailly	Northern Indiana Public Service Co.	995	7	Averaging Plan	0.86	1.29	0.75	0.66	1.51	-15%
IN	Bailly	Northern Indiana Public Service Co.	995	8	Averaging Plan	0.86	1.29	0.75	0.66	1.51	-15%
IN	Cayuga	PSI Energy, Inc.	1001	1	Averaging Plan	0.45	0.32	0.49	0.46	0.42	-24%
IN	Cayuga	PSI Energy, Inc.	1001	2	Averaging Plan	0.45	0.30	0.49	0.46	0.47	-36%
IN	Clifty Creek	Indiana-Kentucky Electric Corp.	983	1	Averaging Plan	0.84	0.75	0.84	0.76	1.68	-55%
IN	Clifty Creek	Indiana-Kentucky Electric Corp.	983	2	Averaging Plan	0.84	0.75	0.84	0.76	1.68	-55%
IN	Clifty Creek	Indiana-Kentucky Electric Corp.	983	3	Averaging Plan	0.84	0.75	0.84	0.76	1.68	-55%
IN	Clifty Creek	Indiana-Kentucky Electric Corp.	983	4	Averaging Plan	0.84	0.73	0.84	0.76	1.88	-61%
IN	Clifty Creek	Indiana-Kentucky Electric Corp.	983	5	Averaging Plan	0.84	0.73	0.84	0.76	1.88	-61%
IN	Clifty Creek	Indiana-Kentucky Electric Corp.	983	6	Averaging Plan	0.84	0.73	0.84	0.76	1.88	-61%
IN	Dean H Mitchell	Northern Indiana Public Service Co.	996	4	Early Election	0.40	0.29	0.45		0.43	-33%
IN	Dean H Mitchell	Northern Indiana Public Service Co.	996	5	Early Election	0.40	0.29	0.45		0.43	-33%
IN	Dean H Mitchell	Northern Indiana Public Service Co.	996	6	Early Election	0.40	0.26	0.45		0.58	-55%
IN	Dean H Mitchell	Northern Indiana Public Service Co.	996	11	Early Election	0.46	0.26	0.50		0.58	-55%
IN	Edwardsport	PSI Energy, Inc.	1004	7-1	Averaging Plan	0.46	0.72	0.49	0.46	0.77	-6%
IN	Edwardsport	PSI Energy, Inc.	1004	7-2	Averaging Plan	0.46	0.67	0.49	0.46	0.98	-32%
IN	Edwardsport	PSI Energy, Inc.	1004	8-1	Averaging Plan	0.46	0.67	0.49	0.46	0.76	-12%
IN	Elmer W Stout	Indianapolis Power & Light Co.	990	50	Averaging Plan	0.45	0.37	0.45	0.35	0.63	-41%
IN	Elmer W Stout	Indianapolis Power & Light Co.	990	60	Averaging Plan	0.45	0.36	0.45	0.35	0.65	-45%
IN	Elmer W Stout	Indianapolis Power & Light Co.	990	70	Averaging Plan	0.45	0.32	0.45	0.35	0.71	-55%
IN	F B Culley	Southern Indiana Gas & Elec Co.	1012	1	Averaging Plan	0.46	0.72	0.50	0.48	0.79	-9%
IN	F B Culley	Southern Indiana Gas & Elec Co.	1012	2	Averaging Plan	0.50	0.46	0.50	0.48	1.05	-56%
IN	F B Culley	Southern Indiana Gas & Elec Co.	1012	3	Averaging Plan	0.50	0.46	0.50	0.48	1.23	-63%
IN	Frank E Ratts	Hoosier Energy R E C Inc.	1043	1SG1	Averaging Plan	0.50	0.50	0.47	0.39	1.08	-54%

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IN	Frank E Ratts	Hoosier Energy R E C Inc.	1043	2SG1	Averaging Plan	0.50	0.47	0.47	0.39	1.09	-57%
IN	Gibson	PSI Energy, Inc.	6113	1	Averaging Plan	0.50	0.45	0.49	0.46	1.03	-56%
IN	Gibson	PSI Energy, Inc.	6113	2	Averaging Plan	0.50	0.45	0.49	0.46	1.12	-60%
IN	Gibson	PSI Energy, Inc.	6113	3	Averaging Plan	0.50	0.46	0.49	0.46	0.52	-12%
IN	Gibson	PSI Energy, Inc.	6113	4	Averaging Plan	0.50	0.43	0.49	0.46	0.66	-35%
IN	Gibson	PSI Energy, Inc.	6113	5	Averaging Plan	0.46	0.42	0.49	0.46	0.50	-16%
IN	H T Pritchard	Indianapolis Power & Light Co.	991	3	Averaging Plan	0.45	0.68	0.45	0.35	0.74	-8%
IN	H T Pritchard	Indianapolis Power & Light Co.	991	4	Averaging Plan	0.45	0.68	0.45	0.35	0.74	-8%
IN	H T Pritchard	Indianapolis Power & Light Co.	991	5	Averaging Plan	0.45	0.41	0.45	0.35	0.67	-39%
IN	H T Pritchard	Indianapolis Power & Light Co.	991	6	Averaging Plan	0.45	0.41	0.45	0.35	0.47	-13%
IN	Merom	Hoosier Energy R E C Inc.	6213	1SG1	Averaging Plan/EE	0.46	0.39	0.47 / 0.50	0.39	0.23	70%
IN	Merom	Hoosier Energy R E C Inc.	6213	2SG1	Averaging Plan/EE	0.46	0.36	0.47 / 0.50	0.39	0.63	-43%
IN	Michigan City	Northern Indiana Public Service Co.	997	12	Averaging Plan	0.86	0.51	0.75	0.66	1.32	-61%
IN	Noblesville	PSI Energy, Inc.	1007	1	Averaging Plan	0.46	0.93	0.49	0.46	0.62	50%
IN	Noblesville	PSI Energy, Inc.	1007	2	Averaging Plan	0.46	0.89	0.49	0.46	0.91	-2%
IN	Noblesville	PSI Energy, Inc.	1007	3	Averaging Plan	0.46	0.93	0.49	0.46	1.21	-23%
IN	Petersburg	Indianapolis Power & Light Co.	994	1	Averaging Plan	0.45	0.29	0.45	0.35	0.56	-48%
IN	Petersburg	Indianapolis Power & Light Co.	994	2	Averaging Plan	0.45	0.32	0.45	0.35	0.63	-49%
IN	Petersburg	Indianapolis Power & Light Co.	994	3	Averaging Plan	0.45	0.36	0.45	0.35	0.37	-3%
IN	Petersburg	Indianapolis Power & Light Co.	994	4	Averaging Plan	0.45	0.32	0.45	0.35	0.37	-14%
IN	R Gallagher	PSI Energy, Inc.	1008	1	Averaging Plan	0.50	0.44	0.49	0.46	0.74	-41%
IN	R Gallagher	PSI Energy, Inc.	1008	2	Averaging Plan	0.50	0.44	0.49	0.46	0.95	-54%
IN	R Gallagher	PSI Energy, Inc.	1008	3	Averaging Plan	0.50	0.41	0.49	0.46	0.95	-57%
IN	R Gallagher	PSI Energy, Inc.	1008	4	Averaging Plan	0.50	0.41	0.49	0.46	0.95	-57%

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						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
IN	R M Schahfer	Northern Indiana Public Service Co.	6085	14	Averaging Plan	0.86	0.57	0.75	0.66	1.33	-57%
IN	R M Schahfer	Northern Indiana Public Service Co.	6085	15	Averaging Plan/EE	0.46	0.26	0.75 / 0.50	0.66	0.42	-38%
IN	R M Schahfer	Northern Indiana Public Service Co.	6085	17	Early Election	0.40	0.36	0.45		0.46	-22%
IN	R M Schahfer	Northern Indiana Public Service Co.	6085	18	Early Election	0.40	0.35	0.45		0.44	-20%
IN	Rockport	American Electric Power Genera	6166	MB1	Averaging Plan/EE	0.46	0.40	0.61 / 0.50	0.56	0.32	25%
IN	Rockport	Passive Lessors	6166	MB2	Averaging Plan/EE	0.46	0.40	0.61 / 0.50	0.56	0.32	25%
IN	State Line	Mirant State Line Energy, LLC	981	3	Averaging Plan/EE	0.40	0.21	0.68 / 0.45	0.58	0.32	-34%
IN	State Line	Mirant State Line Energy, LLC	981	4	Averaging Plan	0.86	0.83	0.68	0.58	0.75	11%
IN	Tanners Creek	Indiana Michigan Power Co.	988	U1	Averaging Plan	0.80	0.70	0.61	0.56	1.14	-39%
IN	Tanners Creek	Indiana Michigan Power Co.	988	U2	Averaging Plan	0.80	0.70	0.61	0.56	1.14	-39%
IN	Tanners Creek	Indiana Michigan Power Co.	988	U3	Averaging Plan	0.80	0.70	0.61	0.56	1.14	-39%
IN	Tanners Creek	Indiana Michigan Power Co.	988	U4	Averaging Plan	0.86	1.50	0.61	0.56	1.91	-21%
IN	Wabash River	PSI Energy, Inc.	1010	1	Averaging Plan	0.50	0.14	0.49	0.46	0.95	-85%
IN	Wabash River	PSI Energy, Inc.	1010	2	Averaging Plan	0.50	0.51	0.49	0.46	0.95	-46%
IN	Wabash River	PSI Energy, Inc.	1010	3	Averaging Plan	0.50	0.64	0.49	0.46	0.92	-30%
IN	Wabash River	PSI Energy, Inc.	1010	4	Averaging Plan	0.46	0.61	0.49	0.46	Not Oper.	
IN	Wabash River	PSI Energy, Inc.	1010	5	Averaging Plan	0.50	0.63	0.49	0.46	0.85	-26%
IN	Wabash River	PSI Energy, Inc.	1010	6	Averaging Plan	0.45	0.36	0.49	0.46	0.37	-3%
IN	Warrick	AGC Div of Alcoa Pwr Gen, Inc.	6705	4	Standard Limitation	0.68	0.45			1.00	-55%
IN	Whitewater Valley	City of Richmond, Indiana	1040	1	Early Election	0.46	0.44	0.50		0.71	-38%
IN	Whitewater Valley	City of Richmond, Indiana	1040	2	Early Election	0.40	0.44	0.45		0.71	-38%
KS	Holcomb	Sunflower Electric Power Corp.	108	SGU1	Standard Limitation	0.46	0.27			0.32	-16%
KS	Jeffrey Energy Centre	Western Resources, Inc.	6068	1	Averaging Plan	0.40	0.39	0.40	0.36	0.36	8%
KS	Jeffrey Energy Centre	Western Resources, Inc.	6068	2	Averaging Plan	0.40	0.36	0.40	0.36	0.47	-23%

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
KS	Jeffrey Energy Centre	Western Resources, Inc.	6068	3	Averaging Plan	0.40	0.31	0.40	0.36	0.46	-33%
KS	La Cygne	Kansas City Power & Light Co.	1241	1	Averaging Plan	0.86	0.97	0.66	0.60	1.09	-11%
KS	La Cygne	Kansas City Power & Light Co.	1241	2	Averaging Plan	0.50	0.31	0.66	0.60	0.29	7%
KS	Lawrence	Western Resources, Inc.	1250	3	Averaging Plan	0.40	0.33	0.40	0.36	0.45	-27%
KS	Lawrence	Western Resources, Inc.	1250	4	Averaging Plan	0.40	0.44	0.40	0.36	0.51	-14%
KS	Lawrence	Western Resources, Inc.	1250	5	Averaging Plan	0.40	0.36	0.40	0.36	0.34	6%
KS	Nearman Creek	Board of Public Utilities, Kansas	6064	N1	Early Election	0.46	0.42	0.50		0.46	-9%
KS	Quindaro	K.C. Board of Public Utilities	1295	1	Standard Limitation	0.86	0.81			0.97	-16%
KS	Quindaro	K.C. Board of Public Utilities	1295	2	Standard Limitation	0.50	0.27			0.64	-58%
KS	Riverton	Empire District Electric Co.	1239	39	Early Election	0.46	0.47	0.50		0.83	-43%
KS	Riverton	Empire District Electric Co.	1239	40	Early Election	0.40	0.42	0.45		0.55	-24%
KS	Tecumseh	Western Resources, Inc.	1252	9	Averaging Plan	0.40	0.40	0.40	0.36	0.42	-5%
KS	Tecumseh	Western Resources, Inc.	1252	10	Averaging Plan	0.40	0.41	0.40	0.36	0.44	-7%
KY	Big Sandy	Kentucky Power Co.	1353	BSU1	Averaging Plan	0.46	0.54	0.61	0.56	1.33	-59%
KY	Big Sandy	Kentucky Power Co.	1353	BSU2	AEL Final	0.46	0.55	0.57		1.33	-59%
KY	Cane Run	Louisville Gas and Electric Co.	1363	4	Early Election	0.46	0.44	0.50		0.84	-48%
KY	Cane Run	Louisville Gas and Electric Co.	1363	5	Early Election	0.46	0.45	0.50		1.15	-61%
KY	Cane Run	Louisville Gas and Electric Co.	1363	6	Early Election	0.40	0.32	0.45		1.02	-69%
KY	Coleman	Big Rivers Electric Corp.	1381	C1	Averaging Plan	0.50	0.42	0.49	0.44	1.41	-70%
KY	Coleman	Big Rivers Electric Corp.	1381	C2	Averaging Plan	0.50	0.44	0.49	0.44	1.29	-66%
KY	Coleman	Big Rivers Electric Corp.	1381	C3	Averaging Plan	0.50	0.43	0.49	0.44	1.14	-62%
KY	Cooper	East Kentucky Power Coop. Inc.	1384	1	Standard Limitation	0.50	0.42			0.90	-53%
KY	Cooper	East Kentucky Power Coop. Inc.	1384	2	Standard Limitation	0.50	0.42			0.90	-53%
KY	D B Wilson	Big Rivers Electric Corp.	6823	W1	Averaging Plan	0.46	0.43	0.49 / 0.50	0.44	0.56	-23%

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KY	Dale	East Kentucky Power Coop., Inc.	1385	3	Early Election	0.46	0.36	0.50		0.73	-51%
KY	Dale	East Kentucky Power Coop., Inc.	1385	4	Early Election	0.46	0.36	0.50		0.73	-51%
KY	E W Brown	Kentucky Utilities Co.	1355	1	Averaging Plan	0.50	0.51	0.45	0.39	1.00	-49%
KY	E W Brown	Kentucky Utilities Co.	1355	2	Averaging Plan	0.45	0.38	0.45	0.39	0.59	-36%
KY	E W Brown	Kentucky Utilities Co.	1355	3	Averaging Plan	0.45	0.38	0.45	0.39	0.57	-33%
KY	East Bend	Cincinnati Gas & Electric Co.	6018	2	Averaging Plan	0.50	0.37	0.49	0.46	0.31	19%
KY	Elmer Smith	City of Owensboro	1374	2	Standard Limitation	0.45	0.39			0.86	-55%
KY	Ghent	Kentucky Utilities Co.	1356	1	Averaging Plan	0.45	0.42	0.45	0.39	0.56	-25%
KY	Ghent	Kentucky Utilities Co.	1356	2	Averaging Plan	0.40	0.35	0.45	0.39	0.54	-35%
KY	Ghent	Kentucky Utilities Co.	1356	3	Averaging Plan	0.46	0.33	0.45	0.39	0.55	-40%
KY	Ghent	Kentucky Utilities Co.	1356	4	Averaging Plan	0.46	0.33	0.45	0.39	0.55	-40%
KY	Green River	Kentucky Utilities Co.	1357	1	Averaging Plan	0.46	0.69	0.45	0.39	0.65	6%
KY	Green River	Kentucky Utilities Co.	1357	2	Averaging Plan	0.46	0.69	0.45	0.39	0.65	6%
KY	Green River	Kentucky Utilities Co.	1357	3	Averaging Plan	0.46	0.69	0.45	0.39	0.65	6%
KY	Green River	Kentucky Utilities Co.	1357	4	Averaging Plan	0.46	0.75	0.45	0.39	0.99	-24%
KY	Green River	Kentucky Utilities Co.	1357	5	Averaging Plan	0.50	0.39	0.45	0.39	0.84	-54%
KY	H L Spurlock	East Kentucky Power Coop. Inc.	6041	1	Standard Limitation	0.50	0.42			0.90	-53%
KY	H L Spurlock	East Kentucky Power Coop., Inc.	6041	2	Early Election	0.40	0.40	0.45		0.47	-15%
KY	HMP&L Station 2	City of Henderson	1382	H1	Averaging Plan	0.50	0.46	0.49	0.44	1.34	-66%
KY	HMP&L Station 2	City of Henderson	1382	H2	Averaging Plan	0.50	0.48	0.49	0.44	1.34	-64%
KY	Mill Creek	Louisville Gas and Electric Co.	1364	1	Early Election	0.40	0.30	0.45		0.76	-61%
KY	Mill Creek	Louisville Gas and Electric Co.	1364	2	Early Election	0.40	0.34	0.45		0.79	-57%
KY	Mill Creek	Louisville Gas and Electric Co.	1364	3	Early Election	0.46	0.40	0.50		0.62	-35%
KY	Mill Creek	Louisville Gas and Electric Co.	1364	4	Early Election	0.46	0.43	0.50		0.57	-25%

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KY	Paradise	Tennessee Valley Authority	1378	1	Averaging Plan	0.86	0.66	0.57	0.54	1.83	-64%
KY	Paradise	Tennessee Valley Authority	1378	2	Averaging Plan	0.86	0.72	0.57	0.54	1.72	-58%
KY	Paradise	Tennessee Valley Authority	1378	3	Averaging Plan	0.86	1.16	0.57	0.54	1.94	-40%
KY	Pineville	Kentucky Utilities Co.	1360	3	Averaging Plan	0.46	0.61	0.45	0.39	0.83	-27%
KY	R D Green	Big Rivers Electric Corp.	6639	G1	Averaging Plan	0.50	0.41	0.49	0.44	0.41	0%
KY	R D Green	Big Rivers Electric Corp.	6639	G2	Averaging Plan	0.50	0.42	0.49	0.44	0.45	-7%
KY	Robert Reid	Big Rivers Electric Corp.	1383	R1	Averaging Plan	0.46	0.81	0.49	0.44	0.78	4%
KY	Shawnee	Tennessee Valley Authority	1379	1	Averaging Plan	0.46	0.39	0.57	0.54	0.71	-45%
KY	Shawnee	Tennessee Valley Authority	1379	2	Averaging Plan	0.46	0.39	0.57	0.54	0.71	-45%
KY	Shawnee	Tennessee Valley Authority	1379	3	Averaging Plan	0.46	0.39	0.57	0.54	0.71	-45%
KY	Shawnee	Tennessee Valley Authority	1379	4	Averaging Plan	0.46	0.39	0.57	0.54	0.71	-45%
KY	Shawnee	Tennessee Valley Authority	1379	5	Averaging Plan	0.46	0.39	0.57	0.54	0.71	-45%
KY	Shawnee	Tennessee Valley Authority	1379	6	Averaging Plan	0.46	0.37	0.57	0.54	0.67	-45%
KY	Shawnee	Tennessee Valley Authority	1379	7	Averaging Plan	0.46	0.37	0.57	0.54	0.67	-45%
KY	Shawnee	Tennessee Valley Authority	1379	8	Averaging Plan	0.46	0.37	0.57	0.54	0.67	-45%
KY	Shawnee	Tennessee Valley Authority	1379	9	Averaging Plan	0.46	0.37	0.57	0.54	0.67	-45%
KY	Trimble County	Louisville Gas and Electric Co.	6071	1	Early Election	0.40	0.39	0.45		0.62	-37%
KY	Tyrone	Kentucky Utilities Co.	1361	5	Averaging Plan	0.46	0.64	0.45	0.39	0.90	-29%
LA	Big Cajun 2	Louisiana Generating, LLC	6055	2B1	Early Election	0.46	0.31	0.50		0.28	11%
LA	Big Cajun 2	Louisiana Generating, LLC	6055	2B2	Early Election	0.46	0.33	0.50		0.25	32%
LA	Big Cajun 2	Louisiana Generating, LLC	6055	2B3	Early Election	0.46	0.29	0.50		0.24	21%
LA	Dolet Hills	CLECO Power, LLC	51	1	Early Election	0.46	0.45	0.50		0.62	-27%
LA	R S Nelson	Entergy Gulf States, Inc.	1393	6	Early Election	0.40	0.33	0.45		0.20	65%
LA	Rodemacher	CLECO Power, LLC	6190	2	Early Election	0.46	0.43	0.50		0.38	13%

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MA	Brayton Point	USGen New England, Inc.	1619	1	Standard Limitation	0.40	0.30			0.70	-57%
MA	Brayton Point	USGen New England, Inc.	1619	2	Standard Limitation	0.40	0.29			0.70	-59%
MA	Brayton Point	USGen New England, Inc.	1619	3	Standard Limitation	0.46	0.41			1.43	-71%
MA	Mount Tom	Holyoke Water Power Co.	1606	1	Standard Limitation	0.46	0.36			1.00	-64%
MA	Salem Harbor	USGen New England, Inc.	1626	1	Standard Limitation	0.46	0.31			1.10	-72%
MA	Salem Harbor	USGen New England, Inc.	1626	2	Standard Limitation	0.46	0.31			1.10	-72%
MA	Salem Harbor	USGen New England, Inc.	1626	3	Standard Limitation	0.46	0.31			1.10	-72%
MA	Somerset	Somerset Operations Inc.	1613	7	Standard Limitation	0.40	Not Oper.			1.00	
MA	Somerset	Somerset Operations Inc.	1613	8	Standard Limitation	0.40	0.31			0.67	-54%
MD	Brandon Shores	Constellation Pwr Source Gen	602	1	Averaging Plan	0.46	0.41	0.56	0.51	0.47	-13%
MD	Brandon Shores	Constellation Pwr Source Gen	602	2	Averaging Plan	0.46	0.42	0.56	0.51	0.45	-7%
MD	C P Crane	Constellation Pwr Source Gen	1552	1	Averaging Plan	0.86	1.06	0.56	0.51	1.27	-17%
MD	C P Crane	Constellation Pwr Source Gen	1552	2	Averaging Plan	0.86	0.92	0.56	0.51	1.46	-37%
MD	Chalk Point	Southern Energy Mid Atlantic	1571	1	AEL Final	0.50	0.63	0.86		1.35	-53%
MD	Chalk Point	Southern Energy Mid Atlantic	1571	2	AEL Final	0.50	0.60	1.20		1.35	-56%
MD	Dickerson	Southern Energy Mid Atlantic	1572	1	AEL Final	0.40	0.45	0.48		0.65	-31%
MD	Dickerson	Southern Energy Mid Atlantic	1572	2	AEL Final	0.40	0.49	0.51		0.65	-25%
MD	Dickerson	Southern Energy Mid Atlantic	1572	3	AEL Final	0.40	0.44	0.47		0.65	-32%
MD	Herbert A Wagner	Constellation Pwr Source Gen	1554	2	Averaging Plan	0.46	0.60	0.56	0.51	0.83	-28%
MD	Herbert A Wagner	Constellation Pwr Source Gen	1554	3	Averaging Plan	0.68	0.35	0.56	0.51	1.11	-68%
MD	Morgantown	Southern Energy Mid Atlantic	1573	1	AEL Final	0.45	0.51	0.70		0.95	-46%
MD	Morgantown	Southern Energy Mid Atlantic	1573	2	AEL Final	0.45	0.48	0.70		0.95	-49%
MD	R P Smith	Allegheny Energy Supply Co., LL	1570	9	Averaging Plan	0.50	0.70	0.56	0.50	0.87	-20%
MD	R P Smith	Allegheny Energy Supply Co., LL	1570	11	Averaging Plan	0.45	0.41	0.56	0.50	0.78	-47%

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MI	B C Cobb	Consumers Energy Co.	1695	1	Standard Limitation	0.40	0.09			1.10	-92%
MI	B C Cobb	Consumers Energy Co.	1695	2	Standard Limitation	0.40	0.05			1.10	-95%
MI	B C Cobb	Consumers Energy Co.	1695	3	Standard Limitation	0.40	0.09			1.10	-92%
MI	B C Cobb	Consumers Energy Co.	1695	4	Averaging Plan/EE	0.40	0.34	0.46/0.45	0.39	0.38	-11%
MI	B C Cobb	Consumers Energy Co.	1695	5	Averaging Plan/EE	0.40	0.37	0.46/0.45	0.39	0.36	3%
MI	Belle River	Detroit Edison Co.	6034	1	Averaging Plan	0.46	0.27	0.53	0.43	0.26	4%
MI	Belle River	Detroit Edison Co.	6034	2	Averaging Plan	0.46	0.26	0.53	0.43	0.16	63%
MI	Dan E Karn	Consumers Energy Co.	1702	1	Averaging Plan	0.40	0.45	0.46	0.39	0.64	-30%
MI	Dan E Karn	Consumers Energy Co.	1702	2	Averaging Plan	0.46	0.26	0.46	0.39	0.91	-71%
MI	Eckert Station	Lansing Board of Water & Light	1831	1	Averaging Plan	0.46	0.49	0.45	0.39	0.77	-36%
MI	Eckert Station	Lansing Board of Water & Light	1831	2	Averaging Plan	0.40	0.35	0.45	0.39	0.57	-39%
MI	Eckert Station	Lansing Board of Water & Light	1831	3	Averaging Plan	0.40	0.39	0.45	0.39	0.44	-11%
MI	Eckert Station	Lansing Board of Water & Light	1831	4	Averaging Plan	0.46	0.39	0.45	0.39	0.62	-37%
MI	Eckert Station	Lansing Board of Water & Light	1831	5	Averaging Plan	0.46	0.32	0.45	0.39	0.63	-49%
MI	Eckert Station	Lansing Board of Water & Light	1831	6	Averaging Plan	0.46	0.36	0.45	0.39	0.70	-49%
MI	Endicott Generating	Village of Clinton, Michigan	4259	1	Standard Limitation	0.46	0.40			0.58	-31%
MI	Erickson	Lansing Board of Water & Light	1832	1	Averaging Plan	0.46	0.42	0.45	0.39	0.93	-55%
MI	Harbor Beach	Detroit Edison Co.	1731	1	Averaging Plan	0.46	0.88	0.53	0.43	0.90	-2%
MI	J B Sims	City of Grand Haven	1825	3	Early Election	0.46	0.38	0.50		0.51	-25%
MI	J C Weadock	Consumers Energy Co.	1720	7	Averaging Plan/EE	0.40	0.30	0.46 / 0.45	0.39	0.44	-32%
MI	J C Weadock	Consumers Energy Co.	1720	8	Averaging Plan/EE	0.40	0.31	0.46 / 0.45	0.39	0.44	-30%
MI	J H Campbell	Consumers Energy Co.	1710	1	AEL Final	0.45	0.43	0.55		0.69	-38%
MI	J H Campbell	Consumers Energy Co.	1710	2	Averaging Plan	0.68	0.88	0.46	0.39	1.00	-12%
MI	J H Campbell	Bay City Electric Light and Power	1710	3	Averaging Plan	0.46	0.33	0.46	0.39	0.69	-52%

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MI	J R Whiting	Consumers Energy Co.	1723	1	Averaging Plan/EE	0.46	0.27	0.46 / 0.50	0.39	0.82	-67%
MI	J R Whiting	Consumers Energy Co.	1723	2	Averaging Plan	0.46	0.34	0.46	0.39	0.96	-65%
MI	J R Whiting	Consumers Energy Co.	1723	3	Averaging Plan/EE	0.46	0.32	0.46 / 0.50	0.39	1.04	-69%
MI	James De Young	City of Holland	1830	5	Standard Limitation	0.46	0.42			0.99	-58%
MI	Marysville	Detroit Edison Co.	1732	9	Averaging Plan	0.40	0.34	0.53	0.43	Not Oper.	
MI	Marysville	Detroit Edison Co.	1732	10	Averaging Plan	0.40	0.34	0.53	0.43	Not Oper.	
MI	Marysville	Detroit Edison Co.	1732	11	Averaging Plan	0.40	0.35	0.53	0.43	Not Oper.	
MI	Marysville	Detroit Edison Co.	1732	12	Averaging Plan	0.40	0.35	0.53	0.43	Not Oper.	
MI	Monroe	Detroit Edison Co.	1733	1	Averaging Plan	0.68	0.53	0.53	0.43	0.86	-38%
MI	Monroe	Detroit Edison Co.	1733	2	Averaging Plan	0.68	0.53	0.53	0.43	0.86	-38%
MI	Monroe	Detroit Edison Co.	1733	3	Averaging Plan	0.68	0.53	0.53	0.43	0.78	-32%
MI	Monroe	Detroit Edison Co.	1733	4	Averaging Plan	0.68	0.53	0.53	0.43	0.78	-32%
MI	Presque Isle	Wisconsin Electric Power Co.	1769	2	Averaging Plan	0.40	0.64	0.47	0.41	0.75	-15%
MI	Presque Isle	Wisconsin Electric Power Co.	1769	3	Averaging Plan	0.40	0.64	0.47	0.41	0.75	-15%
MI	Presque Isle	Wisconsin Electric Power Co.	1769	4	Averaging Plan	0.40	0.64	0.47	0.41	0.75	-15%
MI	Presque Isle	Wisconsin Electric Power Co.	1769	5	Averaging Plan	0.46	0.82	0.47	0.41	0.91	-10%
MI	Presque Isle	Wisconsin Electric Power Co.	1769	6	Averaging Plan	0.46	0.86	0.47	0.41	0.88	-2%
MI	Presque Isle	Wisconsin Electric Power Co.	1769	7	Early Election	0.46	0.48	0.50		0.49	-2%
MI	Presque Isle	Wisconsin Electric Power Co.	1769	8	Early Election	0.46	0.49	0.50		0.53	-8%
MI	Presque Isle	Wisconsin Electric Power Co.	1769	9	Early Election	0.46	0.48	0.50		0.66	-27%
MI	River Rouge	Detroit Edison Co.	1740	2	Averaging Plan	0.40	0.39	0.53	0.43	0.44	-11%
MI	River Rouge	Detroit Edison Co.	1740	3	Averaging Plan	0.46	0.42	0.53	0.43	0.83	-49%
MI	Shiras	Marquette Board of Light & Power	1843	3	Standard Limitation	0.40	0.18			0.22	-18%
MI	St Clair	Detroit Edison Co.	1743	1	Averaging Plan	0.46	0.68	0.53	0.43	0.54	26%

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
MI	St Clair	Detroit Edison Co.	1743	2	Averaging Plan	0.46	0.31	0.53	0.43	0.58	-47%
MI	St Clair	Detroit Edison Co.	1743	3	Averaging Plan	0.46	0.68	0.53	0.43	0.63	8%
MI	St Clair	Detroit Edison Co.	1743	4	Averaging Plan	0.46	0.71	0.53	0.43	0.57	25%
MI	St Clair	Detroit Edison Co.	1743	6	Averaging Plan	0.40	0.22	0.53	0.43	0.39	-44%
MI	St Clair	Detroit Edison Co.	1743	7	Averaging Plan	0.40	0.42	0.53	0.43	0.31	35%
MI	Trenton Channel	Detroit Edison Co.	1745	9A	Averaging Plan	0.40	0.32	0.53	0.43	0.33	-3%
MI	Trenton Channel	Detroit Edison Co.	1745	16	Averaging Plan	0.40	0.42	0.53	0.43	0.47	-11%
MI	Trenton Channel	Detroit Edison Co.	1745	17	Averaging Plan	0.40	0.42	0.53	0.43	0.47	-11%
MI	Trenton Channel	Detroit Edison Co.	1745	18	Averaging Plan	0.40	0.42	0.53	0.43	0.47	-11%
MI	Trenton Channel	Detroit Edison Co.	1745	19	Averaging Plan	0.40	0.42	0.53	0.43	0.47	-11%
MI	Wyandotte	Wyandotte Municipal Service Co.	1866	7	Standard Limitation	0.46	0.50			0.69	-28%
MN	Allen S King	NSP (d/b/a Xcel Energy)	1915	1	Averaging Plan	0.86	0.71	0.54	0.48	1.22	-42%
MN	Black Dog	NSP (d/b/a Xcel Energy)	1904	1	Averaging Plan	0.40	0.76	0.54	0.48	0.75	1%
MN	Black Dog	NSP (d/b/a Xcel Energy)	1904	3	Averaging Plan	0.46	0.76	0.54	0.48	0.95	-20%
MN	Black Dog	NSP (d/b/a Xcel Energy)	1904	4	Averaging Plan	0.46	0.76	0.54	0.48	0.95	-20%
MN	Clay Boswell	Minnesota Power and Light Co.	1893	1	Averaging Plan	0.46	0.43	0.41	0.33	0.42	2%
MN	Clay Boswell	Minnesota Power and Light Co.	1893	2	Averaging Plan	0.46	0.43	0.41	0.33	0.42	2%
MN	Clay Boswell	Minnesota Power and Light Co.	1893	3	Early Election	0.40	0.38	0.45	0.41	0.42	-10%
MN	Clay Boswell	Minnesota Power and Light Co.	1893	4	Averaging Plan	0.46	0.28	0.41	0.33	0.38	-26%
MN	High Bridge	NSP (d/b/a Xcel Energy)	1912	3	Averaging Plan	0.50	0.58	0.54	0.48	0.48	21%
MN	High Bridge	NSP (d/b/a Xcel Energy)	1912	4	Averaging Plan	0.50	0.58	0.54	0.48	0.48	21%
MN	High Bridge	NSP (d/b/a Xcel Energy)	1912	5	Averaging Plan	0.50	0.58	0.54	0.48	0.48	21%
MN	High Bridge	NSP (d/b/a Xcel Energy)	1912	6	Averaging Plan	0.50	0.58	0.54	0.48	0.48	21%
MN	Hoot Lake	Otter Tail Power Co.	1943	2	Early Election	0.40	0.44	0.45		0.58	-24%

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						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
MN	Hoot Lake	Otter Tail Power Co.	1943	3	Standard Limitation	0.46	0.29			0.67	-57%
MN	Minnesota Valley	NSP (d/b/a Xcel Energy)	1918	4	Averaging Plan	0.46	0.14	0.54	0.48	0.52	-73%
MN	Northeast Station	City of Austin Utilities	1961	NEPP	Standard Limitation	0.46	0.44			0.78	-44%
MN	Riverside	NSP (d/b/a Xcel Energy)	1927	6	Averaging Plan	0.46	0.89	0.54	0.48	Not Oper.	
MN	Riverside	NSP (d/b/a Xcel Energy)	1927	7	Averaging Plan	0.46	0.89	0.54	0.48	0.70	27%
MN	Riverside	NSP (d/b/a Xcel Energy)	1927	8	Averaging Plan	0.86	0.98	0.54	0.48	0.98	0%
MN	Sherburne County	NSP (d/b/a Xcel Energy)	6090	1	Averaging Plan	0.45	0.30	0.54	0.48	0.45	-33%
MN	Sherburne County	NSP (d/b/a Xcel Energy)	6090	2	Averaging Plan	0.45	0.30	0.54	0.48	0.45	-33%
MN	Sherburne County	NSP (d/b/a Xcel Energy)	6090	3	Averaging Plan	0.46	0.34	0.54	0.48	0.28	21%
MN	Silver Lake	Rochester Public Utilities	2008	4	Standard Limitation	0.46	0.36			0.82	-56%
MN	Syl Laskin	Minnesota Power and Light Co.	1891	1	Averaging Plan	0.40	0.47	0.41	0.33	0.64	-27%
MN	Syl Laskin	Minnesota Power and Light Co.	1891	2	Averaging Plan	0.40	0.47	0.41	0.33	0.64	-27%
MO	Asbury	Empire District Electric Co.	2076	1	Standard Limitation	0.86	0.85			1.09	-22%
MO	Blue Valley	City of Independence	2132	3	Standard Limitation	0.40	0.34			0.79	-57%
MO	Hawthorn	Kansas City Power & Light Co.	2079	5	Standard Limitation	0.45	Not Oper.			0.36	
MO	Iatan	Empire District Electric Co.	6065	1	Standard Limitation	0.50	0.29			0.31	-6%
MO	James River	City of Springfield (MO)	2161	3	Averaging Plan	0.50	0.53	0.50	0.45	1.02	-48%
MO	James River	City of Springfield (MO)	2161	4	Averaging Plan	0.50	0.54	0.50	0.45	0.87	-38%
MO	James River	City of Springfield (MO)	2161	5	Averaging Plan	0.50	0.62	0.50	0.45	0.93	-33%
MO	Labadie	Union Electric Co.	2103	1	Averaging Plan	0.45	0.11	0.52	0.29	0.62	-82%
MO	Labadie	Union Electric Co.	2103	2	Averaging Plan	0.45	0.12	0.52	0.29	0.62	-81%
MO	Labadie	Union Electric Co.	2103	3	Averaging Plan	0.45	0.12	0.52	0.29	0.62	-81%
MO	Labadie	Union Electric Co.	2103	4	Averaging Plan	0.45	0.12	0.52	0.29	0.62	-81%
MO	Meramec	Union Electric Co.	2104	1	Averaging Plan	0.45	0.38	0.52	0.29	0.82	-54%

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MO	Meramec	Union Electric Co.	2104	2	Averaging Plan	0.45	0.29	0.52	0.29	0.63	-54%
MO	Meramec	Union Electric Co.	2104	3	Averaging Plan	0.50	0.75	0.52	0.29	0.96	-22%
MO	Meramec	Union Electric Co.	2104	4	Averaging Plan	0.50	0.30	0.52	0.29	1.17	-74%
MO	Montrose	Kansas City Power & Light Co.	2080	1	Standard Limitation	0.45	0.30			0.32	-6%
MO	Montrose	Kansas City Power & Light Co.	2080	2	Standard Limitation	0.45	0.36			0.34	6%
MO	Montrose	Kansas City Power & Light Co.	2080	3	Standard Limitation	0.45	0.36			0.34	6%
MO	New Madrid	City of New Madrid, Missouri	2167	1	Averaging Plan	0.86	1.23	0.74	0.72	1.47	-16%
MO	New Madrid	Associated Electric Coop. Inc.	2167	2	Averaging Plan	0.86	0.52	0.74	0.72	1.32	-61%
MO	Rush Island	Union Electric Co.	6155	1	Averaging Plan	0.45	0.14	0.52	0.29	0.63	-78%
MO	Rush Island	Union Electric Co.	6155	2	Averaging Plan	0.45	0.13	0.52	0.29	0.63	-79%
MO	Sibley	Utilicorp United Inc.	2094	3	Standard Limitation	0.86	0.74			1.37	-46%
MO	Sikeston	City of Columbia, MO	6768	1	Early Election	0.46	0.23	0.50		0.51	-55%
MO	Sioux	Union Electric Co.	2107	1	Averaging Plan	0.86	1.33	0.52	0.29	1.07	24%
MO	Sioux	Union Electric Co.	2107	2	Averaging Plan	0.86	0.47	0.52	0.29	1.21	-61%
MO	Southwest	City of Springfield (MO)	6195	1	Averaging Plan	0.50	0.31	0.50	0.45	0.47	-34%
MO	Thomas Hill	Associated Electric Coop. Inc.	2168	MB1	Averaging Plan	0.86	0.99	0.74	0.72	0.90	10%
MO	Thomas Hill	Associated Electric Coop. Inc.	2168	MB2	Averaging Plan	0.86	1.01	0.74	0.72	0.90	12%
MO	Thomas Hill	Associated Electric Coop. Inc.	2168	MB3	Averaging Plan	0.50	0.33	0.74	0.72	0.31	6%
MS	Jack Watson	Mississippi Power Co.	2049	4	Averaging Plan	0.50	0.53	0.46	0.43	1.10	-52%
MS	Jack Watson	Mississippi Power Co.	2049	5	Averaging Plan	0.50	0.71	0.46	0.43	1.22	-42%
MS	R D Morrow	South Mississippi Electric Power A	6061	1	Averaging Plan	0.50	0.45	0.50	0.46	0.42	7%
MS	R D Morrow	South Mississippi Electric Power A	6061	2	Averaging Plan	0.50	0.47	0.50	0.46	0.43	9%
MS	Victor J Daniel Jr	Mississippi Power Co.	6073	1	Averaging Plan	0.45	0.31	0.46	0.43	0.27	15%
MS	Victor J Daniel Jr	Mississippi Power Co.	6073	2	Averaging Plan	0.45	0.29	0.46	0.43	0.28	4%

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MT	Colstrip	P P & L Montana, LLC	6076	1	Early Election	0.40	0.35	0.45		0.42	-17%
MT	Colstrip	P P & L Montana, LLC	6076	2	Early Election	0.40	0.42	0.45		0.43	-2%
MT	Colstrip	P P & L Montana, LLC	6076	3	Early Election	0.40	0.40	0.45		0.34	18%
MT	Colstrip	Puget Sound Power & Light Co.	6076	4	Early Election	0.40	0.41	0.45		0.35	17%
MT	J E Corette	P P & L Montana, LLC	2187	2	Standard Limitation	0.40	0.24			0.65	-63%
MT	Lewis & Clark	Montana-Dakota Utilities Co.	6089	B1	Early Election	0.40	0.40	0.45		0.57	-30%
NC	Asheville	Carolina Power & Light Co.	2706	1	Averaging Plan	0.46	0.46	0.44	0.41	1.08	-57%
NC	Asheville	Carolina Power & Light Co.	2706	2	Averaging Plan	0.46	0.36	0.44	0.41	0.86	-58%
NC	Belews Creek	Duke Energy Corp.	8042	1	Standard Limitation	0.68	0.60			1.46	-59%
NC	Belews Creek	Duke Energy Corp.	8042	2	Standard Limitation	0.68	0.55			1.36	-60%
NC	Buck	Duke Energy Corp.	2720	5	Early Election	0.40	0.41	0.45		0.59	-31%
NC	Buck	Duke Energy Corp.	2720	6	Early Election	0.40	0.42	0.45		0.54	-22%
NC	Buck	Duke Energy Corp.	2720	7	Early Election	0.40	0.44	0.45		0.57	-23%
NC	Buck	Duke Energy Corp.	2720	8	Early Election	0.40	0.43	0.45		0.45	-4%
NC	Buck	Duke Energy Corp.	2720	9	Early Election	0.40	0.44	0.45		0.51	-14%
NC	Cape Fear	Carolina Power & Light Co.	2708	5	Averaging Plan	0.40	0.46	0.44	0.41	0.47	-2%
NC	Cape Fear	Carolina Power & Light Co.	2708	6	Averaging Plan	0.40	0.59	0.44	0.41	0.66	-11%
NC	Cliffside	Duke Energy Corp.	2721	1	Early Election	0.40	0.38	0.45		Not Oper.	
NC	Cliffside	Duke Energy Corp.	2721	2	Early Election	0.40	0.40	0.45		Not Oper.	
NC	Cliffside	Duke Energy Corp.	2721	3	Early Election	0.40	0.39	0.45		Not Oper.	
NC	Cliffside	Duke Energy Corp.	2721	4	Early Election	0.40	0.42	0.45		Not Oper.	
NC	Cliffside	Duke Energy Corp.	2721	5	Early Election	0.40	0.44	0.45		0.51	-14%
NC	Dan River	Duke Energy Corp.	2723	1	Early Election	0.40	0.41	0.45		0.52	-21%
NC	Dan River	Duke Energy Corp.	2723	2	Early Election	0.40	0.43	0.45		0.55	-22%

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NC	Dan River	Duke Energy Corp.	2723	3	Early Election	0.40	0.44	0.45		0.56	-21%
NC	G G Allen	Duke Energy Corp.	2718	1	Early Election	0.40	0.45	0.45		0.65	-31%
NC	G G Allen	Duke Energy Corp.	2718	2	Early Election	0.40	0.45	0.45		0.61	-26%
NC	G G Allen	Duke Energy Corp.	2718	3	Early Election	0.40	0.44	0.45		0.64	-31%
NC	G G Allen	Duke Energy Corp.	2718	4	Early Election	0.40	0.44	0.45		0.68	-35%
NC	G G Allen	Duke Energy Corp.	2718	5	Early Election	0.40	0.45	0.45		0.68	-34%
NC	L V Sutton	Carolina Power & Light Co.	2713	1	Averaging Plan	0.40	0.58	0.44	0.41	0.63	-8%
NC	L V Sutton	Carolina Power & Light Co.	2713	2	Averaging Plan	0.46	0.58	0.44	0.41	0.63	-8%
NC	L V Sutton	Carolina Power & Light Co.	2713	3	Averaging Plan	0.46	0.37	0.44	0.41	1.19	-69%
NC	Lee	Carolina Power & Light Co.	2709	1	Averaging Plan	0.40	0.60	0.44	0.41	0.82	-27%
NC	Lee	Carolina Power & Light Co.	2709	2	Averaging Plan	0.46	0.70	0.44	0.41	0.73	-4%
NC	Lee	Carolina Power & Light Co.	2709	3	Averaging Plan	0.46	0.36	0.44	0.41	0.90	-60%
NC	Marshall	Duke Energy Corp.	2727	1	Early Election	0.40	0.44	0.45		0.48	-8%
NC	Marshall	Duke Energy Corp.	2727	2	Early Election	0.40	0.44	0.45		0.61	-28%
NC	Marshall	Duke Energy Corp.	2727	3	Early Election	0.40	0.34	0.45		0.52	-35%
NC	Marshall	Duke Energy Corp.	2727	4	Early Election	0.40	0.45	0.45		0.70	-36%
NC	Mayo	Carolina Power & Light Co.	6250	1A	Averaging Plan	0.46	0.35	0.44	0.41	0.64	-45%
NC	Mayo	Carolina Power & Light Co.	6250	1B	Averaging Plan	0.46	0.35	0.44	0.41	Not Oper.	
NC	Riverbend	Duke Energy Corp.	2732	7	Early Election	0.40	0.42	0.45		0.58	-28%
NC	Riverbend	Duke Energy Corp.	2732	8	Early Election	0.40	0.39	0.45		0.58	-33%
NC	Riverbend	Duke Energy Corp.	2732	9	Early Election	0.40	0.42	0.45		0.58	-28%
NC	Riverbend	Duke Energy Corp.	2732	10	Early Election	0.40	0.41	0.45		0.70	-41%
NC	Roxboro	Carolina Power & Light Co.	2712	1	Averaging Plan	0.46	0.46	0.44	0.41	1.30	-65%
NC	Roxboro	Carolina Power & Light Co.	2712	2	Averaging Plan	0.40	0.29	0.44	0.41	0.76	-62%

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NC	Roxboro	Carolina Power & Light Co.	2712	3A	Averaging Plan	0.46	0.38	0.44	0.41	1.31	-71%
NC	Roxboro	Carolina Power & Light Co.	2712	3B	Averaging Plan	0.46	0.38	0.44	0.41	Not Oper.	
NC	Roxboro	Carolina Power & Light Co.	2712	4A	Averaging Plan	0.46	0.39	0.44	0.41	0.57	-32%
NC	Roxboro	Carolina Power & Light Co.	2712	4B	Averaging Plan	0.46	0.39	0.44	0.41	Not Oper.	
NC	W H Weatherspoon	Carolina Power & Light Co.	2716	1	Averaging Plan	0.46	0.70	0.44	0.41	0.73	-4%
NC	W H Weatherspoon	Carolina Power & Light Co.	2716	2	Averaging Plan	0.46	0.70	0.44	0.41	0.73	-4%
NC	W H Weatherspoon	Carolina Power & Light Co.	2716	3	Averaging Plan	0.40	0.42	0.44	0.41	0.72	-42%
ND	Antelope Valley	Basin Electric Power Coop.	6469	B1	Early Election	0.40	0.38	0.45		0.43	-12%
ND	Antelope Valley	Basin Electric Power Coop.	6469	B2	Early Election	0.40	0.33	0.45		0.27	22%
ND	Coal Creek	Great River Energy	6030	1	Standard Limitation	0.40	0.21			0.55	-62%
ND	Coal Creek	Great River Energy	6030	2	Standard Limitation	0.40	0.22			0.82	-73%
ND	Coyote	Montana-Dakota Utilities Co.	8222	B1	Standard Limitation	0.86	0.74			0.81	-9%
ND	Leland Olds	Basin Electric Power Coop.	2817	1	Early Election	0.46	0.25	0.50		0.74	-66%
ND	Leland Olds	Basin Electric Power Coop.	2817	2	Standard Limitation	0.86	0.60			1.03	-42%
ND	Milton R Young	Minnkota Power Coop., Inc.	2823	B1	Standard Limitation	0.86	0.80			0.81	-1%
ND	Milton R Young	Minnkota Power Coop., Inc.	2823	B2	Standard Limitation	0.86	0.84			1.05	-20%
ND	Stanton	Great River Energy	2824	1	Standard Limitation	0.46	0.41			0.84	-51%
ND	Stanton	Great River Energy	2824	10	Early Election	0.40	0.37	0.45		0.47	-21%
NE	Gerald Whelan Energy	City of Hastings	60	1	Early Election	0.40	0.29	0.45		0.30	-3%
NE	Gerald Gentleman Station	Nebraska Public Power District	6077	1	Early Election	0.46	0.43	0.50		0.40	7%
NE	Gerald Gentleman Station	Nebraska Public Power District	6077	2	Early Election	0.46	0.32	0.50		0.35	-9%
NE	Lon Wright	City of Fremont	2240	8	Standard Limitation	0.46	0.18			0.19	-5%
NE	Nebraska City	Omaha Public Power District	6096	1	Early Election	0.46	0.41	0.50		0.48	-15%
NE	North Omaha	Omaha Public Power District	2291	1	Standard Limitation	0.40	0.29			0.41	-29%

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NE	North Omaha	Omaha Public Power District	2291	2	Standard Limitation	0.40	0.29			0.41	-29%
NE	North Omaha	Omaha Public Power District	2291	3	Standard Limitation	0.40	0.29			0.41	-29%
NE	North Omaha	Omaha Public Power District	2291	4	Early Election	0.40	0.32	0.45		0.38	-16%
NE	North Omaha	Omaha Public Power District	2291	5	Standard Limitation	0.46	0.32			0.95	-66%
NE	Platte	City of Grand Island	59	1	Early Election	0.40	0.41	0.45		0.48	-15%
NH	Merrimack	Vermont Electric Power	2364	2	Standard Limitation	0.86	0.38			1.96	-81%
NH	Schiller	Public Service Co. of NH	2367	4	Standard Limitation	0.46	0.34			1.00	-66%
NH	Schiller	Public Service Co. of NH	2367	5	Standard Limitation	0.46	0.37			1.26	-71%
NH	Schiller	Public Service Co. of NH	2367	6	Standard Limitation	0.46	0.32			1.07	-70%
NJ	B L England	Atlantic City Electric Co.	2378	2	Standard Limitation	0.86	0.50			1.19	-58%
NJ	Deepwater	Atlantic City Electric Co.	2384	8	Standard Limitation	0.46	0.38			0.71	-46%
NJ	Hudson	PSEG Fossil LLC	2403	2	Averaging Plan	0.46	0.46	0.64	0.58	1.34	-66%
NJ	Mercer	PSEG Fossil LLC	2408	1	Averaging Plan	0.84	0.69	0.64	0.58	1.35	-49%
NJ	Mercer	PSEG Fossil LLC	2408	2	Averaging Plan	0.84	0.74	0.64	0.58	1.90	-61%
NM	Escalante	Tri-State G&T Association, Inc.	87	1	Early Election	0.40	0.41	0.45		0.35	17%
NM	Four Corners	Arizona Public Service Co.	2442	1	Averaging Plan	0.46	0.76	0.61	0.55	0.82	-7%
NM	Four Corners	Arizona Public Service Co.	2442	2	Averaging Plan	0.46	0.49	0.61	0.55	0.78	-37%
NM	Four Corners	Arizona Public Service Co.	2442	3	Averaging Plan	0.46	0.56	0.61	0.55	1.00	-44%
NM	Four Corners	Arizona Public Service Co.	2442	4	Averaging Plan	0.68	0.55	0.61	0.55	0.51	8%
NM	Four Corners	Arizona Public Service Co.	2442	5	Averaging Plan	0.68	0.52	0.61	0.55	1.10	-53%
NM	San Juan	Public Service Co. of NM	2451	1	Averaging Plan	0.46	0.45	0.46	0.44	0.42	7%
NM	San Juan	Public Service Co. of NM	2451	2	Averaging Plan	0.46	0.49	0.46	0.44	0.65	-25%
NM	San Juan	Public Service Co. of NM	2451	3	Averaging Plan	0.46	0.41	0.46	0.44	0.39	5%
NM	San Juan	Public Service Co. of NM	2451	4	Averaging Plan	0.46	0.42	0.46	0.44	0.42	0%

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
NV	Mohave	Nevada Power Co.	2341	1	Early Election	0.40	0.42	0.45		0.38	11%
NV	Mohave	Southern California Edison Co.	2341	2	Early Election	0.40	0.40	0.45		0.46	-13%
NV	North Valmy	Idaho Power Co.	8224	1	Early Election	0.46	0.35	0.50		0.51	-31%
NV	North Valmy	Sierra Pacific Power Co.	8224	2	Early Election	0.46	0.38	0.50		0.40	-5%
NV	Reid Gardner	Nevada Power Co.	2324	1	Standard Limitation	0.46	0.41			1.12	-63%
NV	Reid Gardner	Nevada Power Co.	2324	2	Standard Limitation	0.46	0.43			1.13	-62%
NV	Reid Gardner	Nevada Power Co.	2324	3	Standard Limitation	0.46	0.43			0.53	-19%
NV	Reid Gardner	Nevada Power Co.	2324	4	Early Election	0.46	0.28	0.50		0.38	-26%
NY	AES Westover	NGE Generation, Inc.	2526	11	Averaging Plan	0.46	0.59	0.45	0.35	0.62	-5%
NY	AES Westover	NGE Generation, Inc.	2526	12	Averaging Plan	0.46	0.59	0.45	0.35	0.62	-5%
NY	AES Westover	NGE Generation, Inc.	2526	13	Averaging Plan	0.40	0.44	0.45	0.35	0.68	-35%
NY	C R Huntley	Huntley Power Operations, Inc.	2549	63	Standard Limitation	0.84	0.74			0.91	-19%
NY	C R Huntley	Huntley Power Operations, Inc.	2549	64	Standard Limitation	0.84	0.74			0.91	-19%
NY	C R Huntley	Huntley Power Operations, Inc.	2549	65	Standard Limitation	0.84	0.74			0.91	-19%
NY	C R Huntley	Huntley Power Operations, Inc.	2549	66	Standard Limitation	0.84	0.74			0.91	-19%
NY	C R Huntley	Huntley Power Operatons, Inc.	2549	67	Early Election	0.40	0.37	0.45		0.64	-42%
NY	C R Huntley	Huntley Power Operatons, Inc.	2549	68	Early Election	0.40	0.37	0.45		0.64	-42%
NY	Danskammer	Dynergy Northeast Generation	2480	3	Averaging Plan	0.40	0.43	0.40	0.40	0.54	-20%
NY	Danskammer	Dynergy Northeast Generation	2480	4	Averaging Plan	0.40	0.38	0.40	0.40	0.62	-39%
NY	Dunkirk	Niagara Mohawk Power Corp.	2554	1	Early Election	0.40	0.36	0.45		0.48	-25%
NY	Dunkirk	Niagara Mohawk Power Corp.	2554	2	Early Election	0.40	0.35	0.45		0.48	-27%
NY	Dunkirk	Niagara Mohawk Power Corp.	2554	3	Standard Limitation	0.45	0.35			0.48	-27%
NY	Dunkirk	Niagara Mohawk Power Corp.	2554	4	Standard Limitation	0.45	0.35			0.48	-27%
NY	Greenidge	AES Greenidge, LLC	2527	4	Averaging Plan	0.46	0.70	0.45	0.35	0.69	1%

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NY	Greenidge	AES Greenidge, LLC	2527	5	Averaging Plan	0.46	0.70	0.45	0.35	0.69	1%
NY	Greenidge	AES Greenidge, LLC	2527	6	Averaging Plan	0.45	0.35	0.45	0.35	0.55	-36%
NY	Kintigh	NGE Generation, Inc.	6082	1	Averaging Plan/EE	0.46	0.31	0.45 / 0.50	0.35	0.62	-50%
NY	Lovett	Southern Energy Lovett, LLC	2629	4	Standard Limitation	0.46	0.35			0.57	-39%
NY	Lovett	Southern Energy Lovett, LLC	2629	5	Standard Limitation	0.46	0.36			0.59	-39%
NY	Milliken	NGE Generation, Inc.	2535	1	Averaging Plan	0.45	0.31	0.45	0.35	0.66	-53%
NY	Milliken	NGE Generation, Inc.	2535	2	Averaging Plan	0.45	0.31	0.45	0.35	0.59	-47%
NY	Rochester 3	Rochester Gas & Electric Corp.	2640	12	Standard Limitation	0.40	Not Oper.			0.77	
NY	Rochester 7	Rochester Gas & Electric Corp.	2642	1	Averaging Plan	0.40	0.40	0.40	0.37	0.62	-35%
NY	Rochester 7	Rochester Gas & Electric Corp.	2642	2	Averaging Plan	0.40	0.40	0.40	0.37	0.65	-38%
NY	Rochester 7	Rochester Gas & Electric Corp.	2642	3	Averaging Plan	0.40	0.35	0.40	0.37	0.44	-20%
NY	Rochester 7	Rochester Gas & Electric Corp.	2642	4	Averaging Plan	0.40	0.35	0.40	0.37	0.59	-41%
NY	S A Carlson	City of Jamestown	2682	9	Early Election	0.46	0.41	0.50		0.90	-54%
NY	S A Carlson	City of Jamestown	2682	10	Early Election	0.46	0.45	0.50		0.90	-50%
NY	S A Carlson	City of Jamestown	2682	11	Early Election	0.46	0.45	0.50		1.05	-57%
NY	S A Carlson	City of Jamestown	2682	12	Early Election	0.46	0.41	0.50		0.83	-51%
OH	Acme	Toledo Edison Co.	2877	14	Standard Limitation	0.80	Not Oper.			1.34	
OH	Acme	Toledo Edison Co.	2877	15	Standard Limitation	0.80	Not Oper.			1.34	
OH	Acme	Toledo Edison Co.	2877	16	Standard Limitation	0.80	Not Oper.			1.34	
OH	Acme	Toledo Edison Co.	2877	91	Standard Limitation	0.80	Not Oper.			1.34	
OH	Acme	Toledo Edison Co.	2877	92	Standard Limitation	0.80	Not Oper.			1.34	
OH	Ashtabula	Cleveland Electric Illum Co.	2835	7	Averaging Plan	0.45	0.36	0.51	0.47	0.61	-41%
OH	Ashtabula	Cleveland Electric Illum Co.	2835	8	Averaging Plan	0.46	0.52	0.51	0.47	0.51	2%
OH	Ashtabula	Cleveland Electric Illum Co.	2835	9	Standard Limitation	0.46	Not Oper.			0.51	

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						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
OH	Ashtabula	Cleveland Electric Illum Co.	2835	10	Averaging Plan	0.46	0.52	0.51	0.47	0.51	2%
OH	Ashtabula	Cleveland Electric Illum Co.	2835	11	Averaging Plan	0.46	0.52	0.51	0.47	0.51	2%
OH	Avon Lake	Orion Power Midwest, LP	2836	9	Standard Limitation	0.40	Not Oper.			0.63	
OH	Avon Lake	Orion Power Midwest, LP	2836	10	Averaging Plan	0.40	0.39	0.55	0.49	0.58	-33%
OH	Avon Lake	Orion Power Midwest, LP	2836	12	Averaging Plan	0.68	0.80	0.55	0.49	0.96	-17%
OH	Bay Shore	Toledo Edison Co.	2878	1	Averaging Plan	0.80	Not Oper.	0.51	0.47	1.08	
OH	Bay Shore	Toledo Edison Co.	2878	2	Averaging Plan	0.80	0.73	0.51	0.47	1.08	-32%
OH	Bay Shore	Toledo Edison Co.	2878	3	Averaging Plan	0.46	0.73	0.51	0.47	1.08	-32%
OH	Bay Shore	Toledo Edison Co.	2878	4	Averaging Plan	0.46	0.73	0.51	0.47	1.08	-32%
OH	Cardinal/Tidd	Ohio Power Co.	2828	1	Averaging Plan	0.68	0.57	0.61	0.56	0.90	-37%
OH	Cardinal/Tidd	Buckeye Power, Inc.	2828	2	Averaging Plan	0.68	0.54	0.61	0.56	1.02	-47%
OH	Cardinal/Tidd	Buckeye Power, Inc.	2828	3	Averaging Plan	0.46	0.56	0.61	0.56	0.74	-24%
OH	Conesville	Columbus Southern Power Co.	2840	3	Averaging Plan	0.50	0.46	0.61	0.56	0.93	-51%
OH	Conesville	Dayton Power & Light Co.	2840	4	Averaging Plan	0.45	0.47	0.61	0.56	0.55	-15%
OH	Conesville	Columbus Southern Power Co.	2840	5	Early Election	0.40	0.42	0.45		0.44	-5%
OH	Conesville	Columbus Southern Power Co.	2840	6	Early Election	0.40	0.42	0.45		0.44	-5%
OH	Eastlake	Cleveland Electric Illum Co.	2837	1	Averaging Plan	0.45	0.37	0.51	0.47	0.49	-24%
OH	Eastlake	Cleveland Electric Illum Co.	2837	2	Averaging Plan	0.45	0.41	0.51	0.47	0.68	-40%
OH	Eastlake	Cleveland Electric Illum Co.	2837	3	Averaging Plan	0.45	0.36	0.51	0.47	0.54	-33%
OH	Eastlake	Cleveland Electric Illum Co.	2837	4	Averaging Plan	0.45	0.35	0.51	0.47	0.51	-31%
OH	Eastlake	Cleveland Electric Illum Co.	2837	5	Averaging Plan	0.68	0.77	0.51	0.47	0.67	15%
OH	Edgewater	Ohio Edison Co.	2857	11	Averaging Plan	0.80	Not Oper.	0.51	0.47	1.16	
OH	Edgewater	Ohio Edison Co.	2857	12	Averaging Plan	0.80	Not Oper.	0.51	0.47	1.16	
OH	Edgewater	Ohio Edison Co.	2857	13	Averaging Plan	0.50	0.18	0.51	0.47	1.16	-84%

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						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
OH	Gen J M Gavin	Ohio Power Co.	8102	1	Averaging Plan	0.68	0.45	0.61	0.56	1.16	-61%
OH	Gen J M Gavin	Ohio Power Co.	8102	2	Averaging Plan	0.68	0.49	0.61	0.56	1.16	-58%
OH	Gorge	Ohio Edison Co.	2858	25	Averaging Plan	0.50	Not Oper.	0.51	0.47	1.16	
OH	Gorge	Ohio Edison Co.	2858	26	Averaging Plan	0.50	Not Oper.	0.51	0.47	1.16	
OH	Hamilton	City of Hamilton	2917	9	Standard Limitation	0.40	0.38			0.60	-37%
OH	J M Stuart	Dayton Power & Light Co.	2850	1	Averaging Plan	0.68	0.59	0.62	0.55	1.11	-47%
OH	J M Stuart	Dayton Power & Light Co.	2850	2	Averaging Plan	0.68	0.58	0.62	0.55	1.05	-45%
OH	J M Stuart	Cinergy	2850	3	Averaging Plan	0.68	0.60	0.62	0.55	0.95	-37%
OH	J M Stuart	Dayton Power & Light Co.	2850	4	Averaging Plan	0.68	0.54	0.62	0.55	1.16	-53%
OH	Killen Station	Cincinnati Gas & Electric Co.	6031	2	Averaging Plan	0.46	0.45	0.62	0.55	0.51	-12%
OH	Kyger Creek	Ohio Valley Electric Corp.	2876	1	Averaging Plan	0.84	0.78	0.84	0.76	1.34	-42%
OH	Kyger Creek	Ohio Valley Electric Corp.	2876	2	Averaging Plan	0.84	0.78	0.84	0.76	1.34	-42%
OH	Kyger Creek	Ohio Valley Electric Corp.	2876	3	Averaging Plan	0.84	0.78	0.84	0.76	1.34	-42%
OH	Kyger Creek	Ohio Valley Electric Corp.	2876	4	Averaging Plan	0.84	0.78	0.84	0.76	1.34	-42%
OH	Kyger Creek	Ohio Valley Electric Corp.	2876	5	Averaging Plan	0.84	0.78	0.84	0.76	1.34	-42%
OH	Lake Shore	Cleveland Electric Illum Co.	2838	18	Averaging Plan	0.40	0.39	0.51	0.47	0.67	-42%
OH	Miami Fort	Cincinnati Gas & Electric Co.	2832	5-1	Averaging Plan	0.80	1.00	0.49	0.46	0.71	41%
OH	Miami Fort	Cincinnati Gas & Electric Co.	2832	5-2	Averaging Plan	0.80	1.00	0.49	0.46	0.71	41%
OH	Miami Fort	Cincinnati Gas & Electric Co.	2832	6	Averaging Plan	0.45	0.47	0.49	0.46	0.73	-36%
OH	Miami Fort	Cincinnati Gas & Electric Co.	2832	7	Averaging Plan	0.68	0.52	0.49	0.46	1.07	-51%
OH	Miami Fort	Cincinnati Gas & Electric Co.	2832	8	Averaging Plan	0.46	0.56	0.49	0.46	0.62	-10%
OH	Muskingum River	Ohio Power Co.	2872	1	Averaging Plan	0.84	0.74	0.61	0.56	1.09	-32%
OH	Muskingum River	Ohio Power Co.	2872	2	Averaging Plan	0.84	0.74	0.61	0.56	1.09	-32%
OH	Muskingum River	Ohio Power Co.	2872	3	Averaging Plan	0.86	0.74	0.61	0.56	1.09	-32%

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OH	Muskingum River	Ohio Power Co.	2872	4	Averaging Plan	0.86	0.74	0.61	0.56	1.09	-32%
OH	Muskingum River	Ohio Power Co.	2872	5	Averaging Plan	0.68	0.65	0.61	0.56	1.20	-46%
OH	O H Hutchings	Dayton Power & Light Co.	2848	H-1	Averaging Plan	0.40	0.56	0.62	0.55	0.67	-16%
OH	O H Hutchings	Dayton Power & Light Co.	2848	H-2	Averaging Plan	0.40	0.56	0.62	0.55	0.67	-16%
OH	O H Hutchings	Dayton Power & Light Co.	2848	H-3	Averaging Plan	0.40	0.58	0.62	0.55	0.63	-8%
OH	O H Hutchings	Dayton Power & Light Co.	2848	H-4	Averaging Plan	0.40	0.58	0.62	0.55	0.63	-8%
OH	O H Hutchings	Dayton Power & Light Co.	2848	H-5	Averaging Plan	0.40	0.58	0.62	0.55	0.51	14%
OH	O H Hutchings	Dayton Power & Light Co.	2848	H-6	Averaging Plan	0.40	0.58	0.62	0.55	0.51	14%
OH	Picway	Columbus Southern Power Co.	2843	9	Averaging Plan	0.50	0.43	0.61	0.56	0.87	-51%
OH	R E Burger	Ohio Edison Co.	2864	1	Averaging Plan	0.84	Not Oper.	0.51	0.47	0.83	
OH	R E Burger	Ohio Edison Co.	2864	2	Averaging Plan	0.84	Not Oper.	0.51	0.47	0.90	
OH	R E Burger	Ohio Edison Co.	2864	3	Averaging Plan	0.84	Not Oper.	0.51	0.47	0.94	
OH	R E Burger	Ohio Edison Co.	2864	4	Averaging Plan	0.84	Not Oper.	0.51	0.47	1.09	
OH	R E Burger	Ohio Edison Co.	2864	5	Averaging Plan	0.84	0.89	0.51	0.47	0.75	19%
OH	R E Burger	Ohio Edison Co.	2864	6	Averaging Plan	0.84	0.87	0.51	0.47	0.73	19%
OH	R E Burger	Ohio Edison Co.	2864	7	Averaging Plan	0.50	0.67	0.51	0.47	0.66	2%
OH	R E Burger	Ohio Edison Co.	2864	8	Averaging Plan	0.50	0.64	0.51	0.47	0.72	-11%
OH	Richard Gorsuch	American Municipal Power - OH	7253	1	Standard Limitation	0.46	0.38			Not Oper.	
OH	Richard Gorsuch	American Municipal Power - OH	7253	2	Standard Limitation	0.46	0.38			Not Oper.	
OH	Richard Gorsuch	American Municipal Power - OH	7253	3	Standard Limitation	0.46	0.38			Not Oper.	
OH	Richard Gorsuch	American Municipal Power - OH	7253	4	Standard Limitation	0.46	0.38			Not Oper.	
OH	Toronto	Ohio Edison Co.	2867	9	Averaging Plan	0.84	Not Oper.	0.51	0.47	1.06	
OH	Toronto	Ohio Edison Co.	2867	10	Averaging Plan	0.50	Not Oper.	0.51	0.47	1.06	
OH	Toronto	Ohio Edison Co.	2867	11	Averaging Plan	0.50	Not Oper.	0.51	0.47	1.06	

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OH	W H Sammis	Ohio Edison Co.	2866	1	Averaging Plan	0.46	0.44	0.51	0.47	0.87	-49%
OH	W H Sammis	Ohio Edison Co.	2866	2	Averaging Plan	0.46	0.45	0.51	0.47	0.85	-47%
OH	W H Sammis	Ohio Edison Co.	2866	3	Averaging Plan	0.46	1.03	0.51	0.47	0.86	20%
OH	W H Sammis	Ohio Edison Co.	2866	4	Averaging Plan	0.46	0.62	0.51	0.47	0.81	-23%
OH	W H Sammis	Ohio Edison Co.	2866	5	Averaging Plan	0.50	0.47	0.51	0.47	0.52	-10%
OH	W H Sammis	Ohio Edison Co.	2866	6	Averaging Plan	0.50	0.40	0.51	0.47	1.10	-64%
OH	W H Sammis	Ohio Edison Co.	2866	7	Averaging Plan	0.68	0.36	0.51	0.47	1.06	-66%
OH	W H Zimmer	Cincinnati Gas & Electric Co.	6019	1	Early Election	0.46	0.46	0.50		Not Oper.	
OH	Walter C Beckjord	Cincinnati Gas & Electric Co.	2830	1	Averaging Plan	0.40	0.67	0.49	0.46	0.58	16%
OH	Walter C Beckjord	Cincinnati Gas & Electric Co.	2830	2	Averaging Plan	0.40	0.65	0.49	0.46	0.65	0%
OH	Walter C Beckjord	Cincinnati Gas & Electric Co.	2830	3	Averaging Plan	0.46	1.00	0.49	0.46	1.21	-17%
OH	Walter C Beckjord	Cincinnati Gas & Electric Co.	2830	4	Averaging Plan	0.40	0.63	0.49	0.46	0.51	24%
OH	Walter C Beckjord	Cincinnati Gas & Electric Co.	2830	5	Averaging Plan	0.45	0.44	0.49	0.46	0.72	-39%
OH	Walter C Beckjord	Cincinnati Gas & Electric Co.	2830	6	Averaging Plan	0.45	0.33	0.49	0.46	0.71	-54%
OK	GRDA	Grand River Dam Authority	165	1	Averaging Plan	0.46	0.43	0.46	0.35	0.41	5%
OK	GRDA	Grand River Dam Authority	165	2	Averaging Plan	0.46	0.27	0.46	0.35	0.27	0%
OK	Hugo	Western Farmers Electric Coop.	6772	1	Standard Limitation	0.46	0.22			0.27	-19%
OK	Muskogee	Oklahoma Gas & Electric Co.	2952	4	Early Election	0.40	0.38	0.45		0.44	-14%
OK	Muskogee	Oklahoma Gas & Electric Co.	2952	5	Early Election	0.40	0.32	0.45		0.41	-22%
OK	Muskogee	Oklahoma Gas & Electric Co.	2952	6	Early Election	0.40	0.42	0.45		0.44	-5%
OK	Northeastern	American Electric Power Service	2963	3313	Early Election	0.40	0.36	0.45		0.53	-32%
OK	Northeastern	American Electric Power Service	2963	3314	Early Election	0.40	0.36	0.45		0.53	-32%
OK	Sooner	Oklahoma Gas & Electric Co.	6095	1	Early Election	0.40	0.37	0.45		0.33	12%
OK	Sooner	Oklahoma Gas & Electric Co.	6095	2	Early Election	0.40	0.35	0.45		0.42	-17%

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OR	Boardman	Portland General Electric Co.	6106	1SG	Early Election	0.46	0.41	0.50		0.40	2%
PA	Armstrong	Allegheny Energy Supply Co., LL	3178	1	Averaging Plan	0.50	0.37	0.56	0.50	0.90	-59%
PA	Armstrong	Allegheny Energy Supply Co., LL	3178	2	Averaging Plan	0.50	0.37	0.56	0.50	1.04	-64%
PA	Bruce Mansfield	Pennsylvania Power Co.	6094	1	Averaging Plan	0.50	0.36	0.51	0.47	0.98	-63%
PA	Bruce Mansfield	Pennsylvania Power Co.	6094	2	Averaging Plan	0.50	0.34	0.51	0.47	1.13	-70%
PA	Bruce Mansfield	Pennsylvania Power Co.	6094	3	Averaging Plan/EE	0.46	0.38	0.51 / 0.50	0.47	0.57	-33%
PA	Brunner Island	PPL Brunner Island, LLC	3140	1	Standard Limitation	0.45	0.38			0.65	-42%
PA	Brunner Island	PPL Brunner Island, LLC	3140	2	Standard Limitation	0.45	0.38			0.71	-46%
PA	Brunner Island	PPL Brunner Island, LLC	3140	3	Standard Limitation	0.45	0.36			0.83	-57%
PA	Cheswick	Orion Power Midwest, LP	8226	1	Averaging Plan	0.45	0.36	0.55	0.49	0.71	-49%
PA	Conemaugh	Reliant Energy NE Management C	3118	1	Standard Limitation	0.45	0.34			0.65	-48%
PA	Conemaugh	Reliant Energy NE Management C	3118	2	Standard Limitation	0.45	0.34			0.71	-52%
PA	Cromby	Exelon Generation Co.	3159	1	Early Election	0.46	0.36	0.50		0.60	-40%
PA	Eddystone	Exelon Generation Co.	3161	1	Early Election	0.40	0.29	0.45		0.42	-31%
PA	Eddystone	Exelon Generation Co.	3161	2	Early Election	0.40	0.27	0.45		0.50	-46%
PA	Elrama	Orion Power Midwest, LP	3098	1	Averaging Plan	0.80	0.48	0.55	0.49	0.80	-40%
PA	Elrama	Orion Power Midwest, LP	3098	2	Averaging Plan	0.80	0.48	0.55	0.49	0.80	-40%
PA	Elrama	Orion Power Midwest, LP	3098	3	Averaging Plan	0.80	0.48	0.55	0.49	0.80	-40%
PA	Elrama	Orion Power Midwest, LP	3098	4	Averaging Plan	0.46	0.48	0.55	0.49	0.85	-44%
PA	F R Phillips	Orion Power Midwest, LP	3099	1	Standard Limitation	0.80	Not Oper.			0.85	
PA	F R Phillips	Orion Power Midwest, LP	3099	2	Standard Limitation	0.80	Not Oper.			0.85	
PA	F R Phillips	Orion Power Midwest, LP	3099	3	Standard Limitation	0.80	Not Oper.			0.85	
PA	F R Phillips	Orion Power Midwest, LP	3099	4	Standard Limitation	0.80	Not Oper.			0.85	
PA	F R Phillips	Orion Power Midwest, LP	3099	5	Standard Limitation	0.80	Not Oper.			0.85	

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
PA	F R Phillips	Orion Power Midwest, LP	3099	6	Standard Limitation	0.80	Not Oper.			0.85	
PA	Hatfield's Ferry	Allegheny Energy Supply Co., LL	3179	1	Averaging Plan	0.68	0.46	0.56	0.50	1.13	-59%
PA	Hatfield's Ferry	Allegheny Energy Supply Co., LL	3179	2	Averaging Plan	0.68	0.46	0.56	0.50	1.17	-61%
PA	Hatfield's Ferry	Allegheny Energy Supply Co., LL	3179	3	Averaging Plan	0.68	0.46	0.56	0.50	0.90	-49%
PA	Homer City	EME Homer City Generation, LP	3122	1	Early Election	0.46	0.41	0.50		1.09	-62%
PA	Homer City	EME Homer City Generation, LP	3122	2	Early Election	0.46	0.44	0.50		1.04	-58%
PA	Homer City	EME Homer City Generation, LP	3122	3	Early Election	0.46	0.44	0.50		0.62	-29%
PA	Keystone	Reliant Energy NE Management C	3136	1	Early Election	0.40	0.32	0.45		0.79	-59%
PA	Keystone	Reliant Energy NE Management C	3136	2	Early Election	0.40	0.33	0.45		0.79	-58%
PA	Martins Creek	PPL Martins Creek, LLC	3148	1	Standard Limitation	0.50	0.44			1.03	-57%
PA	Martins Creek	PPL Martins Creek, LLC	3148	2	Standard Limitation	0.50	0.44			0.93	-53%
PA	Mitchell	Allegheny Energy Supply Co., LL	3181	33	Averaging Plan	0.45	0.37	0.56	0.50	0.68	-46%
PA	Montour	PPL Montour, LLC	3149	1	Early Election	0.40	0.42	0.45		0.95	-56%
PA	Montour	PPL Montour, LLC	3149	2	Early Election	0.40	0.32	0.45		0.46	-30%
PA	New Castle	Orion Power Midwest, LP	3138	1	Standard Limitation	0.50	Not Oper.			0.79	
PA	New Castle	Orion Power Midwest, LP	3138	2	Standard Limitation	0.50	Not Oper.			0.79	
PA	New Castle	Orion Power Midwest, LP	3138	3	Averaging Plan/EE	0.46	0.33	0.55 / 0.50	0.49	0.63	-48%
PA	New Castle	Orion Power Midwest, LP	3138	4	Averaging Plan/EE	0.46	0.36	0.55 / 0.50	0.49	0.57	-37%
PA	New Castle	Orion Power Midwest, LP	3138	5	Averaging Plan/EE	0.46	0.39	0.55 / 0.50	0.49	0.73	-47%
PA	Portland	Reliant Energy Mid-Atl Pwr Hol	3113	1	Averaging Plan	0.45	0.25	0.44	0.35	0.46	-46%
PA	Portland	Reliant Energy Mid-Atl Pwr Hol	3113	2	Averaging Plan	0.45	0.30	0.44	0.35	0.66	-55%
PA	Seward	Reliant Energy Mid-Atl Pwr Hol	3130	12	Averaging Plan	0.46	0.45	0.44	0.35	0.83	-46%
PA	Seward	Reliant Energy Mid-Atl Pwr Hol	3130	14	Averaging Plan	0.46	0.45	0.44	0.35	0.83	-46%
PA	Seward	Reliant Energy Mid-Atl Pwr Hol	3130	15	Averaging Plan	0.40	0.45	0.44	0.35	0.75	-40%

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PA	Shawville	Reliant Energy Mid-Atl Pwr Hol	3131	1	Standard Limitation	0.50	0.45			0.99	-55%
PA	Shawville	Reliant Energy Mid-Atl Pwr Hol	3131	2	Standard Limitation	0.50	0.45			1.02	-56%
PA	Shawville	Reliant Energy Mid-Atl Pwr Hol	3131	3	Standard Limitation	0.45	0.39			0.83	-53%
PA	Shawville	Reliant Energy Mid-Atl Pwr Hol	3131	4	Standard Limitation	0.45	0.39			0.82	-52%
PA	Sunbury	Sunbury Generation, LLC	3152	3	Standard Limitation	0.50	0.38			0.93	-59%
PA	Sunbury	Sunbury Generation, LLC	3152	4	Standard Limitation	0.50	0.38			1.29	-71%
PA	Titus	Reliant Energy Mid-Atlantic Pwr Holdings	3115	1	Early Election	0.40	0.32	0.45		0.73	-56%
PA	Titus	Reliant Energy Mid-Atlantic Pwr Holdings	3115	2	Early Election	0.40	0.32	0.45		0.68	-53%
PA	Titus	Reliant Energy Mid-Atlantic Pwr Holdings	3115	3	Early Election	0.40	0.33	0.45		0.77	-57%
PA	Warren	Reliant Energy Mid-Atl Pwr Holdings	3132	1	Averaging Plan	0.46	0.52	0.44	0.35	0.63	-17%
PA	Warren	Reliant Energy Mid-Atl Pwr Holdings	3132	2	Averaging Plan	0.46	0.52	0.44	0.35	0.63	-17%
PA	Warren	Reliant Energy Mid-Atl Pwr Holdings	3132	3	Averaging Plan	0.46	0.52	0.44	0.35	0.63	-17%
PA	Warren	Reliant Energy Mid-Atl Pwr Holdings	3132	4	Averaging Plan	0.46	0.52	0.44	0.35	0.63	-17%
SC	Canadys Steam	South Carolina Electric & Gas	3280	CAN1	Averaging Plan	0.40	0.40	0.41	0.35	0.45	-11%
SC	Canadys Steam	South Carolina Electric & Gas	3280	CAN2	Averaging Plan	0.40	0.41	0.41	0.35	0.60	-32%
SC	Canadys Steam	South Carolina Electric & Gas	3280	CAN3	Averaging Plan	0.46	0.38	0.41	0.35	1.00	-62%
SC	Cope Station	South Carolina Electric & Gas	7210	COP1	Averaging Plan	0.40	0.26	0.41	0.35	Not Oper.	
SC	Cross	South Carolina Public Serv. Authority	130	1	Averaging Plan/EE	0.46	0.31	0.46 / 0.50	0.40	Not Oper.	
SC	Cross	South Carolina Public Service Authority	130	2	Early Election	0.40	0.39	0.45		0.46	-15%
SC	Dolphus M Grainger	South Carolina Public Serv. Authority	3317	1	Averaging Plan	0.46	0.48	0.46	0.40	0.90	-47%
SC	Dolphus M Grainger	South Carolina Public Serv. Authority	3317	2	Averaging Plan	0.46	0.90	0.46	0.40	1.07	-16%
SC	H B Robinson	Carolina Power & Light Co.	3251	1	Averaging Plan	0.40	0.76	0.44	0.41	0.63	21%
SC	Jefferies	South Carolina Public Serv. Authority	3319	3	Averaging Plan	0.46	0.41	0.46	0.40	1.01	-59%
SC	Jefferies	South Carolina Public Serv. Authority	3319	4	Averaging Plan	0.46	0.44	0.46	0.40	1.15	-62%

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SC	McMeekin	South Carolina Electric & Gas	3287	MCM1	Averaging Plan	0.40	0.39	0.41	0.35	0.61	-36%
SC	McMeekin	South Carolina Electric & Gas	3287	MCM2	Averaging Plan	0.40	0.38	0.41	0.35	0.59	-36%
SC	Urquhart	South Carolina Electric & Gas	3295	URQ1	Averaging Plan	0.40	0.47	0.41	0.35	0.69	-32%
SC	Urquhart	South Carolina Electric & Gas	3295	URQ2	Averaging Plan	0.40	0.51	0.41	0.35	0.64	-20%
SC	Urquhart	South Carolina Electric & Gas	3295	URQ3	Averaging Plan	0.40	0.35	0.41	0.35	0.51	-31%
SC	W S Lee	Duke Energy Corp.	3264	1	Early Election	0.40	0.43	0.45		0.64	-33%
SC	W S Lee	Duke Energy Corp.	3264	2	Early Election	0.40	0.43	0.45		0.61	-30%
SC	W S Lee	Duke Energy Corp.	3264	3	Early Election	0.40	0.43	0.45		0.50	-14%
SC	Wateree	South Carolina Electric & Gas	3297	WAT1	AEL Final	0.46	0.46	0.59		1.30	-65%
SC	Wateree	South Carolina Electric & Gas	3297	WAT2	AEL Final	0.46	0.41	0.59		1.47	-72%
SC	Williams	South Carolina Electric & Gas	3298	WIL1	AEL Final	0.40	0.47	0.48		0.87	-46%
SC	Winyah	South Carolina Public Serv. Au	6249	1	Averaging Plan/AEL	0.46	0.44	0.46 / 0.61	0.40	1.03	-57%
SC	Winyah	South Carolina Public Serv. Au	6249	2	AEL Final	0.46	0.52	0.61		0.65	-20%
SC	Winyah	South Carolina Public Serv. Au	6249	3	AEL Final	0.46	0.59	0.60		0.63	-6%
SC	Winyah	South Carolina Public Serv. Au	6249	4	AEL Final	0.46	0.54	0.60		0.50	8%
SD	Big Stone	Northwestern Public Service Co.	6098	1	Standard Limitation	0.86	0.84			1.29	-35%
TN	Allen	Tennessee Valley Authority	3393	1	Averaging Plan	0.86	0.75	0.57	0.54	1.95	-62%
TN	Allen	Tennessee Valley Authority	3393	2	Averaging Plan	0.86	0.73	0.57	0.54	1.91	-62%
TN	Allen	Tennessee Valley Authority	3393	3	Averaging Plan	0.86	0.76	0.57	0.54	1.87	-59%
TN	Bull Run	Tennessee Valley Authority	3396	1	Averaging Plan	0.40	0.63	0.57	0.54	0.67	-6%
TN	Cumberland	Tennessee Valley Authority	3399	1	Averaging Plan	0.68	0.47	0.57	0.54	1.57	-70%
TN	Cumberland	Tennessee Valley Authority	3399	2	Averaging Plan	0.68	0.52	0.57	0.54	1.33	-61%
TN	Gallatin	Tennessee Valley Authority	3403	1	Averaging Plan	0.45	0.29	0.57	0.54	0.59	-51%
TN	Gallatin	Tennessee Valley Authority	3403	2	Averaging Plan	0.45	0.29	0.57	0.54	0.63	-54%

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TN	Gallatin	Tennessee Valley Authority	3403	3	Averaging Plan	0.45	0.30	0.57	0.54	0.59	-49%
TN	Gallatin	Tennessee Valley Authority	3403	4	Averaging Plan	0.45	0.30	0.57	0.54	0.55	-45%
TN	John Sevier	Tennessee Valley Authority	3405	1	Early Election	0.40	0.40	0.45		0.62	-35%
TN	John Sevier	Tennessee Valley Authority	3405	2	Early Election	0.40	0.40	0.45		0.62	-35%
TN	John Sevier	Tennessee Valley Authority	3405	3	Early Election	0.40	0.41	0.45		0.64	-36%
TN	John Sevier	Tennessee Valley Authority	3405	4	Early Election	0.40	0.41	0.45		0.64	-36%
TN	Johnsonville	Tennessee Valley Authority	3406	1	Averaging Plan	0.45	0.48	0.57	0.54	0.45	7%
TN	Johnsonville	Tennessee Valley Authority	3406	2	Averaging Plan	0.45	0.48	0.57	0.54	0.48	0%
TN	Johnsonville	Tennessee Valley Authority	3406	3	Averaging Plan	0.45	0.48	0.57	0.54	0.46	4%
TN	Johnsonville	Tennessee Valley Authority	3406	4	Averaging Plan	0.45	0.48	0.57	0.54	0.54	-11%
TN	Johnsonville	Tennessee Valley Authority	3406	5	Averaging Plan	0.45	0.48	0.57	0.54	0.45	7%
TN	Johnsonville	Tennessee Valley Authority	3406	6	Averaging Plan	0.45	0.48	0.57	0.54	0.50	-4%
TN	Johnsonville	Tennessee Valley Authority	3406	7	Averaging Plan	0.50	0.48	0.57	0.54	1.00	-52%
TN	Johnsonville	Tennessee Valley Authority	3406	8	Averaging Plan	0.50	0.48	0.57	0.54	0.97	-51%
TN	Johnsonville	Tennessee Valley Authority	3406	9	Averaging Plan	0.50	0.48	0.57	0.54	1.10	-56%
TN	Johnsonville	Tennessee Valley Authority	3406	10	Averaging Plan	0.50	0.48	0.57	0.54	1.07	-55%
TN	Kingston	Tennessee Valley Authority	3407	1	Averaging Plan	0.40	0.55	0.57	0.54	0.60	-8%
TN	Kingston	Tennessee Valley Authority	3407	2	Averaging Plan	0.40	0.55	0.57	0.54	0.60	-8%
TN	Kingston	Tennessee Valley Authority	3407	3	Averaging Plan	0.40	0.55	0.57	0.54	0.60	-8%
TN	Kingston	Tennessee Valley Authority	3407	4	Averaging Plan	0.40	0.55	0.57	0.54	0.60	-8%
TN	Kingston	Tennessee Valley Authority	3407	5	Averaging Plan	0.40	0.55	0.57	0.54	0.60	-8%
TN	Kingston	Tennessee Valley Authority	3407	6	Averaging Plan	0.40	0.43	0.57	0.54	0.63	-32%
TN	Kingston	Tennessee Valley Authority	3407	7	Averaging Plan	0.40	0.43	0.57	0.54	0.63	-32%
TN	Kingston	Tennessee Valley Authority	3407	8	Averaging Plan	0.40	0.43	0.57	0.54	0.63	-32%

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TN	Kingston	Tennessee Valley Authority	3407	9	Averaging Plan	0.40	0.43	0.57	0.54	0.63	-32%
TX	Big Brown	TXU Electric Co.	3497	1	Early Election	0.40	0.38	0.45		0.40	-5%
TX	Big Brown	TXU Electric Co.	3497	2	Early Election	0.40	0.36	0.45		0.34	6%
TX	Coletto Creek	American Electric Power Service	6178	1	Early Election	0.40	0.24	0.45		0.38	-37%
TX	Gibbons Creek	Texas Municipal Power Agency	6136	1	Early Election	0.40	0.29	0.45		0.47	-38%
TX	Harrington Station	Southwestern Public Service Co.	6193	061B	Early Election	0.40	0.28	0.45		0.27	4%
TX	Harrington Station	Southwestern Public Service Co.	6193	062B	Early Election	0.40	0.30	0.45		0.36	-17%
TX	Harrington Station	Southwestern Public Service Co.	6193	063B	Early Election	0.40	0.25	0.45		0.36	-31%
TX	J T Deely	City of San Antonio	6181	1	Early Election	0.40	0.26	0.45		0.31	-16%
TX	J T Deely	City of San Antonio	6181	2	Early Election	0.40	0.26	0.45		0.31	-16%
TX	J K Spruce	City of San Antonio	7097	**1	Early Election	0.40	0.18	0.45		Not Oper.	
TX	Limestone	Houston Lighting & Power Co.	298	LIM1	Early Election	0.40	0.40	0.45		0.50	-20%
TX	Limestone	Houston Lighting & Power Co.	298	LIM2	Early Election	0.40	0.28	0.45		0.48	-42%
TX	Martin Lake	TXU Electric Co.	6146	1	Early Election	0.40	0.28	0.45		0.36	-22%
TX	Martin Lake	TXU Electric Co.	6146	2	Early Election	0.40	0.29	0.45		0.35	-17%
TX	Martin Lake	TXU Electric Co.	6146	3	Early Election	0.40	0.31	0.45		0.42	-26%
TX	Monticello	TXU Electric Co.	6147	1	Early Election	0.40	0.30	0.45		0.31	-3%
TX	Monticello	TXU Electric Co.	6147	2	Early Election	0.40	0.30	0.45		0.40	-25%
TX	Monticello	TXU Electric Co.	6147	3	Early Election	0.46	0.24	0.50		0.21	14%
TX	Oklaunion	American Electric Power Service	127	1	Early Election	0.46	0.29	0.50		0.54	-46%
TX	Pirkey	American Electric Power Service	7902	1	Early Election	0.46	0.36	0.50		0.34	6%
TX	Sam Seymour	City of Austin, Texas	6179	1	Early Election	0.40	0.33	0.45		0.34	-3%
TX	Sam Seymour	City of Austin, Texas	6179	2	Early Election	0.40	0.31	0.45		0.29	7%
TX	Sam Seymour	Lower Colorado River Authority	6179	3	Early Election	0.40	0.33	0.45		0.25	32%

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TX	San Miguel	San Miguel Electric Coop.	6183	SM-1	Early Election	0.46	0.40	0.50		0.41	-2%
TX	Sandow	TXU Electric Co.	6648	4	Early Election	0.40	0.33	0.45		0.43	-23%
TX	Tolk Station	Southwestern Public Service Co.	6194	171B	Early Election	0.40	0.30	0.45		0.38	-21%
TX	Tolk Station	Southwestern Public Service Co.	6194	172B	Early Election	0.40	0.30	0.45		0.24	25%
TX	W A Parish	Houston Lighting & Power Co.	3470	WAP5	Early Election	0.46	0.34	0.50		0.47	-28%
TX	W A Parish	Houston Lighting & Power Co.	3470	WAP6	Early Election	0.46	0.20	0.50		0.53	-62%
TX	W A Parish	Houston Lighting & Power Co.	3470	WAP7	Early Election	0.40	0.14	0.45		0.35	-60%
TX	W A Parish	Houston Lighting & Power Co.	3470	WAP8	Early Election	0.40	0.30	0.45		0.31	-3%
TX	Welsh	American Electric Power Service	6139	1	Early Election	0.46	0.29	0.50		0.27	7%
TX	Welsh	American Electric Power Service	6139	2	Early Election	0.46	0.33	0.50		0.36	-8%
TX	Welsh	American Electric Power Service	6139	3	Early Election	0.46	0.36	0.50		0.37	-3%
UT	Bonanza	Deseret Generation & Transmission	7790	1-1	Early Election	0.46	0.34	0.50		0.42	-19%
UT	Carbon	PacifiCorp	3644	1	Early Election	0.40	0.42	0.45		0.50	-16%
UT	Carbon	PacifiCorp	3644	2	Early Election	0.40	0.44	0.45		0.58	-24%
UT	Hunter (Emery)	PacifiCorp	6165	1	Early Election	0.40	0.44	0.45		0.50	-12%
UT	Hunter (Emery)	PacifiCorp	6165	2	Early Election	0.40	0.42	0.45		0.55	-24%
UT	Hunter (Emery)	PacifiCorp	6165	3	Averaging Plan	0.46	0.41	0.45	0.40	0.34	21%
UT	Huntington	PacifiCorp	8069	1	Early Election	0.40	0.43	0.45		0.52	-17%
UT	Huntington	PacifiCorp	8069	2	Averaging Plan	0.40	0.42	0.45	0.40	0.43	-2%
UT	Intermountain	Intermountain Power Service Co.	6481	1SGA	Early Election	0.46	0.42	0.50		0.45	-7%
UT	Intermountain	Intermountain Power Service Co.	6481	2SGA	Early Election	0.46	0.41	0.50		0.38	8%
VA	Bremo Bluff	Dominion Generation	3796	3	Averaging Plan	0.46	0.75	0.41	0.36	0.78	-4%
VA	Bremo Bluff	Dominion Generation	3796	4	Averaging Plan	0.46	0.41	0.41	0.36	0.93	-56%
VA	Chesapeake	Virginia Electric & Power Co.	3803	1	Early Election	0.40	0.41	0.45		0.42	-2%

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VA	Chesapeake	Virginia Electric & Power Co.	3803	2	Early Election	0.40	0.41	0.45		0.48	-15%
VA	Chesapeake	Virginia Electric & Power Co.	3803	3	Averaging Plan	0.46	0.42	0.41	0.36	1.07	-61%
VA	Chesapeake	Virginia Electric & Power Co.	3803	4	Early Election	0.40	0.43	0.45		0.54	-20%
VA	Chesterfield	Virginia Electric & Power Co.	3797	3	Early Election	0.40	0.42	0.45		0.52	-19%
VA	Chesterfield	Virginia Electric & Power Co.	3797	4	Early Election	0.40	0.42	0.45		0.49	-14%
VA	Chesterfield	Virginia Electric & Power Co.	3797	5	Averaging Plan	0.40	0.36	0.41	0.36	0.62	-42%
VA	Chesterfield	Virginia Electric & Power Co.	3797	6	Averaging Plan	0.40	0.37	0.41	0.36	0.73	-49%
VA	Clinch River	Appalachian Power Co.	3775	1	Averaging Plan	0.80	0.64	0.61	0.56	1.34	-52%
VA	Clinch River	Appalachian Power Co.	3775	2	Averaging Plan	0.80	0.64	0.61	0.56	1.34	-52%
VA	Clinch River	Appalachian Power Co.	3775	3	Averaging Plan	0.80	0.59	0.61	0.56	1.42	-58%
VA	Clover	Virginia Electric & Power Co.	7213	1	Averaging Plan	0.40	0.29	0.41	0.36	Not Oper.	
VA	Clover	Virginia Electric & Power Co.	7213	2	Averaging Plan	0.40	0.30	0.41	0.36	Not Oper.	
VA	Glen Lyn	Appalachian Power Co.	3776	6	Averaging Plan	0.46	0.62	0.61	0.56	0.76	-18%
VA	Glen Lyn	Appalachian Power Co.	3776	51	Averaging Plan/EE	0.40	0.40	0.61 / 0.45	0.56	0.46	-13%
VA	Glen Lyn	Appalachian Power Co.	3776	52	Averaging Plan/EE	0.40	0.43	0.61 / 0.45	0.56	Not Oper.	
VA	Possum Point	Virginia Electric & Power Co.	3804	3	Early Election	0.40	0.43	0.45		0.60	-28%
VA	Possum Point	Virginia Electric & Power Co.	3804	4	Averaging Plan	0.40	0.36	0.41	0.36	0.61	-41%
VA	Potomac River	Southern Energy Mid Atlantic	3788	1	Early Election	0.40	0.43	0.45		0.51	-16%
VA	Potomac River	Southern Energy Mid Atlantic	3788	2	Early Election	0.40	0.42	0.45		0.44	-5%
VA	Potomac River	Southern Energy Mid Atlantic	3788	3	Early Election	0.40	0.41	0.45		0.64	-36%
VA	Potomac River	Southern Energy Mid Atlantic	3788	4	Early Election	0.40	0.44	0.45		0.46	-4%
VA	Potomac River	Southern Energy Mid Atlantic	3788	5	Early Election	0.40	0.42	0.45		0.72	-42%
VA	Yorktown	Virginia Electric & Power Co.	3809	1	Early Election	0.40	0.45	0.45		0.57	-21%
VA	Yorktown	Virginia Electric & Power Co.	3809	2	Early Election	0.40	0.40	0.45		0.57	-30%

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
WA	Centralia	Transalta Centralia Generation	3845	BW21	Early Election	0.40	0.40	0.45		0.40	0%
WA	Centralia	Transalta Centralia Generation	3845	BW22	Early Election	0.40	0.40	0.45		0.45	-11%
WI	Alma	Dairyland Power Coop.	4140	B4	Averaging Plan	0.50	0.63	0.48	0.42	0.85	-26%
WI	Alma	Dairyland Power Coop.	4140	B5	Averaging Plan	0.50	0.63	0.48	0.42	0.85	-26%
WI	Blount Street	Madison Gas & Electric Co.	3992	7	Standard Limitation	0.68	0.62			0.89	-30%
WI	Blount Street	Madison Gas & Electric Co.	3992	8	Early Election	0.46	0.37	0.50		0.71	-48%
WI	Blount Street	Madison Gas & Electric Co.	3992	9	Early Election	0.46	0.41	0.50		0.61	-33%
WI	Columbia	Wisconsin Power & Light Co.	8023	1	Early Election	0.40	0.37	0.45		0.46	-20%
WI	Columbia	Wisconsin Power & Light Co.	8023	2	Early Election	0.40	0.34	0.45		0.49	-31%
WI	Edgewater	Wisconsin Power & Light Co.	4050	4	Averaging Plan	0.86	1.06	0.62	0.56	1.17	-9%
WI	Edgewater	Wisconsin Power & Light Co.	4050	5	Averaging Plan/EE	0.46	0.21	0.62 / 0.50	0.56	0.21	0%
WI	Genoa	Dairyland Power Coop.	4143	1	Averaging Plan	0.45	0.37	0.48	0.42	0.75	-51%
WI	J P Madgett	Dairyland Power Coop.	4271	B1	Averaging Plan	0.50	0.39	0.48	0.42	0.30	30%
WI	Pleasant Prairie	Wisconsin Electric Power Co.	6170	1	Averaging Plan	0.46	0.42	0.47	0.41	0.45	-7%
WI	Pleasant Prairie	Wisconsin Electric Power Co.	6170	2	Averaging Plan	0.46	0.42	0.47	0.41	0.45	-7%
WI	Port Washington	Wisconsin Electric Power Co.	4040	1	Averaging Plan	0.50	0.31	0.47	0.41	0.32	-3%
WI	Port Washington	Wisconsin Electric Power Co.	4040	2	Averaging Plan	0.50	0.31	0.47	0.41	0.32	-3%
WI	Port Washington	Wisconsin Electric Power Co.	4040	3	Averaging Plan	0.50	0.31	0.47	0.41	0.32	-3%
WI	Port Washington	Wisconsin Electric Power Co.	4040	4	Averaging Plan	0.50	0.30	0.47	0.41	0.37	-19%
WI	Port Washington	Wisconsin Electric Power Co.	4040	5	Standard Limitation	0.50	Not Oper.			0.37	
WI	Pulliam	Wisconsin Public Service Corp.	4072	3	Averaging Plan	0.46	0.72	0.47	0.41	0.76	-5%
WI	Pulliam	Wisconsin Public Service Corp.	4072	4	Averaging Plan	0.46	0.72	0.47	0.41	0.76	-5%
WI	Pulliam	Wisconsin Public Service Corp.	4072	5	Averaging Plan	0.46	0.78	0.47	0.41	0.94	-17%
WI	Pulliam	Wisconsin Public Service Corp.	4072	6	Averaging Plan	0.46	0.78	0.47	0.41	0.94	-17%

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
WI	Pulliam	Wisconsin Public Service Corp.	4072	7	Averaging Plan	0.50	0.45	0.47	0.41	0.69	-35%
WI	Pulliam	Wisconsin Public Service Corp.	4072	8	Averaging Plan	0.50	0.32	0.47	0.41	0.57	-44%
WI	South Oak Creek	Wisconsin Electric Power Co.	4041	5	Averaging Plan	0.50	0.23	0.47	0.41	0.28	-18%
WI	South Oak Creek	Wisconsin Electric Power Co.	4041	6	Averaging Plan	0.50	0.23	0.47	0.41	0.28	-18%
WI	South Oak Creek	Wisconsin Electric Power Co.	4041	7	Averaging Plan	0.45	0.39	0.47	0.41	0.66	-41%
WI	South Oak Creek	Wisconsin Electric Power Co.	4041	8	Averaging Plan	0.45	0.39	0.47	0.41	0.67	-42%
WI	Stoneman	Mid-American Power, LLC	4146	B1	Averaging Plan	0.46	0.39	0.47	0.41	0.75	-48%
WI	Stoneman	Mid-American Power, LLC	4146	B2	Averaging Plan	0.46	0.39	0.47	0.41	0.75	-48%
WI	Valley	Wisconsin Electric Power Co.	4042	1	Averaging Plan	0.50	0.46	0.47	0.41	1.10	-58%
WI	Valley	Wisconsin Electric Power Co.	4042	2	Averaging Plan	0.50	0.46	0.47	0.41	1.10	-58%
WI	Valley	Wisconsin Electric Power Co.	4042	3	Averaging Plan	0.50	0.47	0.47	0.41	1.05	-55%
WI	Valley	Wisconsin Electric Power Co.	4042	4	Averaging Plan	0.50	0.47	0.47	0.41	0.93	-49%
WI	Weston	Wisconsin Public Service Corp.	4078	1	Averaging Plan	0.50	0.83	0.47	0.41	0.90	-8%
WI	Weston	Wisconsin Public Service Corp.	4078	2	Averaging Plan	0.50	0.38	0.47	0.41	1.08	-65%
WI	Weston	Wisconsin Public Service Corp.	4078	3	Averaging Plan	0.45	0.22	0.47	0.41	0.26	-15%
WV	Albright	Monongahela Power Co.	3942	1	Averaging Plan	0.50	0.66	0.56	0.50	1.10	-40%
WV	Albright	Monongahela Power Co.	3942	2	Averaging Plan	0.50	0.66	0.56	0.50	1.10	-40%
WV	Albright	Monongahela Power Co.	3942	3	Averaging Plan	0.45	0.38	0.56	0.50	0.71	-46%
WV	Fort Martin	Monongahela Power Co.	3943	1	Averaging Plan	0.45	0.40	0.56	0.50	0.62	-35%
WV	Fort Martin	Monongahela Power Co.	3943	2	Averaging Plan	0.68	0.98	0.56	0.50	1.07	-8%
WV	Harrison	Monongahela Power Co.	3944	1	Averaging Plan/AEL	0.50	0.46	0.56 / 0.70	0.50	0.99	-54%
WV	Harrison	Monongahela Power Co.	3944	2	Averaging Plan	0.50	0.46	0.56	0.50	1.13	-59%
WV	Harrison	Monongahela Power Co.	3944	3	Averaging Plan	0.50	0.46	0.56	0.50	1.06	-57%
WV	John E Amos	Appalachian Power Co.	3935	1	AEL Final	0.46	0.55	0.59		1.00	-45%

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
WV	John E Amos	Appalachian Power Co.	3935	2	AEL Final	0.46	0.49	0.52		1.00	-51%
WV	John E Amos	Ohio Power Co.	3935	3	Standard Limitation	0.68	0.64			1.05	-39%
WV	Kammer	Ohio Power Co.	3947	1	Averaging Plan	0.86	0.76	0.61	0.56	1.21	-37%
WV	Kammer	Ohio Power Co.	3947	2	Averaging Plan	0.86	0.76	0.61	0.56	1.21	-37%
WV	Kammer	Ohio Power Co.	3947	3	Averaging Plan	0.86	0.76	0.61	0.56	1.21	-37%
WV	Kanawha River	Appalachian Power Co.	3936	1	Averaging Plan	0.80	0.60	0.61	0.56	1.23	-51%
WV	Kanawha River	Appalachian Power Co.	3936	2	Averaging Plan	0.80	0.60	0.61	0.56	1.23	-51%
WV	Mitchell	Ohio Power Co.	3948	1	Averaging Plan/AEL	0.50	0.56	0.61 / 0.56	0.56	0.77	-27%
WV	Mitchell	Ohio Power Co.	3948	2	Averaging Plan/AEL	0.50	0.53	0.61 / 0.56	0.56	0.77	-31%
WV	Mountaineer (1301)	Appalachian Power Co.	6264	1	Averaging Plan/EE	0.46	0.49	0.61 / 0.50	0.56	0.47	4%
WV	Mt Storm	Virginia Electric & Power Co.	3954	1	AEL Final	0.45	0.67	0.76		0.88	-24%
WV	Mt Storm	Virginia Electric & Power Co.	3954	2	AEL Final	0.45	0.63	0.69		0.76	-17%
WV	Mt Storm	Virginia Electric & Power Co.	3954	3	AEL Final	0.45	0.61	0.74		1.27	-52%
WV	Phil Sporn	Central Operating Co.	3938	11	Averaging Plan	0.80	0.71	0.61	0.56	1.21	-41%
WV	Phil Sporn	Central Operating Co.	3938	21	Averaging Plan	0.80	0.71	0.61	0.56	1.21	-41%
WV	Phil Sporn	Central Operating Co.	3938	31	Averaging Plan	0.80	0.71	0.61	0.56	1.21	-41%
WV	Phil Sporn	Central Operating Co.	3938	41	Averaging Plan	0.80	0.71	0.61	0.56	1.21	-41%
WV	Phil Sporn	Central Operating Co.	3938	51	Averaging Plan	0.46	0.47	0.61	0.56	0.90	-48%
WV	Pleasants	Monongahela Power Co.	6004	1	Averaging Plan	0.50	0.35	0.56	0.50	0.52	-33%
WV	Pleasants	Monongahela Power Co.	6004	2	Averaging Plan	0.50	0.35	0.56	0.50	0.35	0%
WV	Rivesville	Monongahela Power Co.	3945	7	Averaging Plan	0.80	0.93	0.56	0.50	0.86	8%
WV	Rivesville	Monongahela Power Co.	3945	8	Averaging Plan	0.80	0.69	0.56	0.50	0.77	-10%
WV	Willow Island	Monongahela Power Co.	3946	1	Averaging Plan	0.80	0.70	0.56	0.50	0.88	-20%
WV	Willow Island	Monongahela Power Co.	3946	2	Averaging Plan	0.86	1.20	0.56	0.50	1.26	-5%

Appendix B-1: Compliance Results for All NO_x Affected Units in 2000

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	2000					
						Standard Emission Limit	Actual Emission Rate	Avg. Plan, AEL, or Early Election Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2000
WY	Dave Johnston	PacifiCorp	4158	BW41	Early Election	0.46	0.43	0.50		0.48	-10%
WY	Dave Johnston	PacifiCorp	4158	BW42	Early Election	0.46	0.42	0.50		0.54	-22%
WY	Dave Johnston	PacifiCorp	4158	BW43	Averaging Plan	0.68	0.56	0.45	0.40	0.71	-21%
WY	Dave Johnston	PacifiCorp	4158	BW44	Averaging Plan	0.40	0.41	0.45	0.40	0.55	-25%
WY	Jim Bridger	PacifiCorp	8066	BW71	Averaging Plan	0.45	0.40	0.45	0.40	0.63	-37%
WY	Jim Bridger	PacifiCorp	8066	BW72	Averaging Plan	0.45	0.39	0.45	0.40	0.51	-24%
WY	Jim Bridger	PacifiCorp	8066	BW73	Averaging Plan	0.45	0.37	0.45	0.40	0.42	-12%
WY	Jim Bridger	PacifiCorp	8066	BW74	Early Election	0.40	0.38	0.45		0.41	-7%
WY	Laramie River	Basin Electric Power Coop.	6204	1	Early Election	0.46	0.25	0.50		0.35	-29%
WY	Laramie River	Basin Electric Power Coop.	6204	2	Early Election	0.46	0.27	0.50		0.32	-16%
WY	Laramie River	Basin Electric Power Coop.	6204	3	Early Election	0.46	0.25	0.50		0.42	-40%
WY	Naughton	PacifiCorp	4162	1	Averaging Plan	0.40	0.51	0.45	0.40	0.42	21%
WY	Naughton	PacifiCorp	4162	2	Averaging Plan	0.40	0.48	0.45	0.40	0.55	-13%
WY	Naughton	PacifiCorp	4162	3	Averaging Plan	0.40	0.35	0.45	0.40	0.62	-44%
WY	Wyodak	PacifiCorp	6101	BW91	Averaging Plan	0.50	0.29	0.45	0.40	0.37	-22%

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u>	<u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
AES Westover, LLC	2526	AES Westover NY Units 11 - 13	0.45	0.35
	2527	Greenidge NY Units 4 - 6		
	6082	Kintigh NY Unit 1		
	2535	Milliken NY Units 1, 2		
Allegheny Energy Supply Co., LLC	3942	Albright WV Units 1 - 3	0.56	0.50
	3178	Armstrong PA Units 1, 2		
	3943	Fort Martin WV Units 1, 2		
	3944	Harrison WV Units 1 - 3		
	3179	Hatfield's Ferry PA Units 1 - 3		
	3181	Mitchell PA Unit 33		
	6004	Pleasants WV Units 1, 2		
	1570	R P Smith MD Units 9, 11		
	3945	Rivesville WV Units 7, 8		
	3946	Willow Island WV Units 1, 2		
Ameren Services	861	Coffeen IL Units 01, 02	0.59	0.55
	862	Grand Tower IL Units 07 - 09		
	863	Hutsonville IL Units 05, 06		
	864	Meredosia IL Units 01 - 05		
	6017	Newton IL Units 1, 2		
Ameren Services	2103	Labadie MO Units 1 - 4	0.52	0.29
	2104	Meramec MO Units 1 - 4		
	6155	Rush Island MO Units 1, 2		
	2107	Sioux MO Units 1, 2		

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u>	<u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
American Electric Power Service	1353	Big Sandy KY Unit BSU1	0.61	0.56
	2828	Cardinal/Tidd OH Units 1 - 3		
	3775	Clinch River VA Units 1 - 3		
	2840	Conesville OH Units 3, 4		
	8102	Gen J M Gavin OH Units 1, 2		
	3776	Glen Lyn VA Units 6, 51, 52		
	3947	Kammer WV Units 1 - 3		
	3936	Kanawha River WV Units 1, 2		
	3948	Mitchell WV Units 1, 2		
	6264	Mountaineer (1301) WV Unit 1		
	2872	Muskingum River OH Units 1 - 5		
	3938	Phil Sporn WV Units 11, 21, 31, 41, 51		
	2843	Picway OH Unit 9		
	6166	Rockport IN Units MB1, MB2		
	988	Tanners Creek IN Units U1 - U4		
Arizona Public Service Company	2442	Four Corners NM Units 1 - 5	0.61	0.55
Associated Electric Cooperative	2167	New Madrid MO Units 1, 2	0.74	0.72
	2168	Thomas Hill MO Units MB1 - MB3		
Boswell Energy Center	1893	Clay Boswell MN Units 1, 2, 4	0.41	0.33
	1891	Syl Laskin MN Units 1, 2		

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u> <u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
Carolina Power and Light Company	2706 Asheville NC Units 1, 2	0.44	0.41
	2708 Cape Fear NC Units 5, 6		
	3251 H B Robinson SC Unit 1		
	2713 L V Sutton NC Units 1 - 3		
	2709 Lee NC Units 1 - 3		
	6250 Mayo NC Units 1A, 1B		
	2712 Roxboro NC Units 1, 2, 3A, 3B, 4A, 4B		
	2716 W H Weatherspoon NC Units 1 - 3		
Cinergy Corp.	1001 Cayuga IN Units 1, 2	0.49	0.46
	6018 East Bend KY Unit 2		
	1004 Edwardsport IN Units 7-1, 7-2, 8-1		
	6113 Gibson IN Units 1 - 5		
	2832 Miami Fort OH Units 5-1, 5-2, 6 - 8		
	1007 Noblesville IN Units 1 - 3		
	1008 R Gallagher IN Units 1 - 4		
	1010 Wabash River IN Units 1 - 6		
	2830 Walter C Beckjord OH Units 1 - 6		
City Utilities of Springfield	2161 James River MO Units 3 - 5	0.50	0.45
	6195 Southwest MO Unit 1		
Colorado Springs Utilities	492 Martin Drake CO Units 5 - 7	0.46	0.39

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u>	<u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
Constellation Power Source Gen., Inc.	602	Brandon Shores MD Units 1, 2	0.56	0.51
	1552	C P Crane MD Units 1, 2		
	1554	Herbert A Wagner MD Units 2, 3		
Consumers Energy Company	1695	B C Cobb MI Units 4, 5	0.46	0.39
	1702	Dan E Karn MI Units 1, 2		
	1720	J C Weadock MI Units 7, 8		
	1710	J H Campbell MI Units 2, 3		
	1723	J R Whiting MI Units 1 - 3		
Dairyland Power Cooperative	4140	Alma WI Units B4, B5	0.48	0.42
	4143	Genoa WI Unit 1		
	4271	J P Madgett WI Unit B1		
Dayton Power & Light Company	2850	J M Stuart OH Units 1 - 4	0.62	0.55
	6031	Killen Station OH Unit 2		
	2848	O H Hutchings OH Units H-1 - H-6		
Detroit Edison Company	6034	Belle River MI Units 1, 2	0.53	0.43
	1731	Harbor Beach MI Unit 1		
	1732	Marysville MI Units 9, 10, 11, 12		
	1733	Monroe MI Units 1 - 4		
	1740	River Rouge MI Units 2, 3		
	1743	St Clair MI Units 1 - 4, 6, 7		
	1745	Trenton Channel MI Units 9A, 16 - 19		

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u>	<u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
Dominion Generation	3796	Bremo Bluff VA Units 3, 4	0.41	0.36
	3803	Chesapeake VA Unit 3		
	3797	Chesterfield VA Units 5, 6		
	7213	Clover VA Units 1, 2		
	3804	Possum Point VA Unit 4		
Dynergy Midwest Generation, Inc.	889	Baldwin IL Units 1 - 3	0.59	0.48
	891	Havana IL Unit 9		
	892	Hennepin IL Units 1, 2		
	897	Vermilion IL Units 1, 2		
	898	Wood River IL Units 4, 5		
Dynergy Northeast Generation	2480	Danskammer NY Units 3, 4	0.40	0.40
FirstEnergy Corporation	2835	Ashtabula OH Units 7, 8, 10, 11	0.51	0.47
	2878	Bay Shore OH Units 1 - 4		
	6094	Bruce Mansfield PA Units 1 - 3		
	2837	Eastlake OH Units 1 - 5		
	2857	Edgewater OH Units 11 - 13		
	2858	Gorge OH Units 25, 26		
	2838	Lake Shore OH Unit 18		
	2864	R E Burger OH Units 1 - 8		
	2867	Toronto OH Units 9 - 11		
2866	W H Sammis OH Units 1 - 7			

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u>	<u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
Grand River Dam Authority	165	GRDA OK Units 1, 2	0.46	0.35
Hoosier Energy, REC, Inc.	1043 6213	Frank E Ratts IN Units 1SG1, 2SG1 Merom IN Units 1SG1, 2SG1	0.47	0.39
IES Utilities, Inc.	1104 1046 1047 1048 1073 1058 1077	Burlington IA Unit 1 Dubuque IA Units 1, 5 Lansing IA Units 1 - 3 Milton L Kapp IA Unit 2 Prairie Creek IA Units 3, 4 Sixth Street IA Units 2 - 5 Sutherland IA Units 1, 2	0.46	0.36
Indianapolis Power & Light Co.	990 991 994	Elmer W Stout IN Units 50, 60, 70 H T Pritchard IN Units 3 - 6 Petersburg IN Units 1 - 4	0.45	0.35
Kansas City Power & Light Co.	1241	La Cygne KS Units 1, 2	0.66	0.60
Lansing Board of Water and Light	1831 1832	Eckert Station MI Units 1 - 6 Erickson MI Unit 1	0.45	0.39

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u>	<u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
Louisville Gas and Electric Co.	1355	E W Brown KY Units 1 - 3	0.45	0.39
	1356	Ghent KY Units 1 - 4		
	1357	Green River KY Units 1 - 5		
	1360	Pineville KY Unit 3		
	1361	Tyrone KY Unit 5		
Midwest Generation EME, LLC	867	Crawford IL Units 7, 8	0.59	0.48
	886	Fisk IL Unit 19		
	384	Joliet 29 IL Units 71, 72, 81, 82		
	874	Joliet 9 IL Unit 5		
	879	Powerton IL Units 51, 52, 61, 62		
	883	Waukegan IL Units 7, 8		
	884	Will County IL Units 1 - 3		
Mirant State Line Energy, LLC	981	State Line IN Units 3, 4	0.68	0.58
Northern Indiana Public Service Co.	995	Bailly IN Units 7, 8	0.75	0.66
	997	Michigan City IN Unit 12		
	6085	R M Schahfer IN Units 14, 15		
NSP (dba Xcel Energy)	1915	Allen S King MN Unit 1	0.54	0.48
	1904	Black Dog MN Units 1, 3, 4		
	1912	High Bridge MN Units 3 - 6		
	1918	Minnesota Valley MN Unit 4		
	1927	Riverside MN Units 6 - 8		
	6090	Sherburne County MN Units 1 - 3		

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u>	<u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
Ohio Valley Electric Corporation	983	Clifty Creek IN Units 1 - 6	0.84	0.76
	2876	Kyger Creek OH Units 1 - 5		
Orion Power Holdings, Inc.	2836	Avon Lake OH Units 10, 12	0.55	0.49
	8226	Cheswick PA Unit 1		
	3098	Elrama PA Units 1 - 4		
	3138	New Castle PA Units 3 - 5		
PacifiCorp	4158	Dave Johnston WY Units BW43, BW44	0.45	0.40
	6165	Hunter (Emery) UT Unit 3		
	8069	Huntington UT Unit 2		
	8066	Jim Bridger WY Units BW71 - BW73		
	4162	Naughton WY Units 1 - 3		
	6101	Wyodak WY Unit BW91		
Public Service Co. of New Mexico	2451	San Juan NM Units 1 - 4	0.46	0.44
Public Service Company of Colorado	465	Arapahoe CO Units 1 - 4	0.80	0.49
Public Service Company of Colorado	469	Cherokee CO Units 1, 2	0.80	0.60
Public Service Electric & Gas Co.	2403	Hudson NJ Unit 2	0.64	0.58
	2408	Mercer NJ Units 1, 2		

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u>	<u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
Reliant Energy Mid-Atlantic Power	3113	Portland PA Units 1, 2	0.44	0.35
	3130	Seward PA Units 12, 14, 15		
	3132	Warren PA Units 1 - 4		
Rochester Gas & Electric Corp.	2642	Rochester 7 NY Units 1 - 4	0.40	0.37
Santee Cooper	130	Cross SC Unit 1	0.46	0.40
	3317	Dolphus M Grainger SC Units 1, 2		
	3319	Jefferies SC Units 3, 4		
	6249	Winyah SC Unit 1		
South Carolina Electric & Gas Co.	3280	Canadys Steam SC Units CAN1 - CAN3	0.41	0.35
	7210	Cope Station SC Unit COP1		
	3287	McMeekin SC Units MCM1, MCM2		
	3295	Urquhart SC Units URQ1 - URQ3		
South Mississippi Electric Power Association	6061	R D Morrow MS Units 1, 2	0.50	0.46

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u>	<u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
Southern Company	699	Arkwright GA Units 1 - 4	0.46	0.43
	3	Barry AL Units 1 - 5		
	703	Bowen GA Units 1BLR - 4BLR		
	641	Crist FL Units 4 - 7		
	26	E C Gaston AL Units 1 - 5		
	7	Gadsden AL Units 1, 2		
	8	Gorgas AL Units 6 - 10		
	10	Greene County AL Units 1, 2		
	708	Hammond GA Units 1 - 4		
	709	Harlee Branch GA Units 1 - 4		
	710	Jack McDonough GA Units MB1, MB2		
	2049	Jack Watson MS Units 4, 5		
	6002	James H Miller Jr AL Units 1 - 4		
	733	Kraft GA Units 1 - 3		
	643	Lansing Smith FL Units 1, 2		
	6124	McIntosh GA Unit 1		
	727	Mitchell GA Unit 3		
	6257	Scherer GA Units 1 - 4		
	642	Scholz FL Units 1, 2		
	6073	Victor J Daniel Jr MS Units 1, 2		
6052	Wansley GA Units 1, 2			
728	Yates GA Units Y1BR - Y7BR			
Southern Indiana Gas & Electric Co.	1012	F B Culley IN Units 1 - 3	0.50	0.48

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u> <u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
Tampa Electric Company	645 Big Bend FL Units BB01 - BB04	0.75	0.65
	646 F J Gannon FL Units GB03 - GB06		
Tennessee Valley Authority	3393 Allen TN Units 1 - 3	0.57	0.54
	3396 Bull Run TN Unit 1		
	47 Colbert AL Units 1 - 5		
	3399 Cumberland TN Units 1, 2		
	3403 Gallatin TN Units 1 - 4		
	3406 Johnsonville TN Units 1 - 10		
	3407 Kingston TN Units 1 - 9		
	1378 Paradise KY Units 1 - 3		
	1379 Shawnee KY Units 1 - 9		
50 Widows Creek AL Units 1 - 8			
Western Kentucky Energy Co.	1381 Coleman KY Units C1 - C3	0.49	0.44
	6823 D B Wilson KY Unit W1		
	1382 HMP&L Station 2 KY Units H1, H2		
	6639 R D Green KY Units G1, G2		
	1383 Robert Reid KY Unit R1		
Western Resources	6068 Jeffrey Energy Centr KS Units 1 - 3	0.40	0.36
	1250 Lawrence KS Units 3 - 5		
	1252 Tecumseh KS Units 9, 10		

Appendix B-2: List of Averaging Plans and Results in 2000

<u>Company</u>	<u>ORIS Code</u>	<u>Plant Name, State and Units</u>	<u>Plan Limit</u>	<u>Plan Rate</u>
Wisconsin Electric Power Company	6170	Pleasant Prairie WI Units 1, 2	0.47	0.41
	4040	Port Washington WI Units 1 - 4		
	1769	Presque Isle MI Units 2 - 6		
	4041	South Oak Creek WI Units 5 - 8		
	4042	Valley WI Units 1 - 4		
Wisconsin Power & Light Co	4050	Edgewater WI Units 4, 5	0.62	0.56
Wisconsin Public Service Corp.	4072	Pulliam WI Units 3 - 8	0.47	0.41
	4146	Stoneman WI Units B1, B2		
	4078	Weston WI Units 1 - 3		

Appendix B-3: Description of NO_x Compliance Assessment Methodology

1. Emission Rate Evaluation for Single Unit Compliance

(a) Compliance Determination

The NO_x emission limit for each unit is compared to the actual annual NO_x emissions rates at the unit as follows. If the unit has an alternative emissions limit (AEL) this limit is used instead of the base emission limit.

(1) For units not associated with a specific stack or associated with multiple stacks only:

If unit NO_x emission rate \leq unit NO_x emission limit

Unit compliance status is Pass

else

Unit compliance status is Fail.

(2) For units associated with a single common stack:

a. Locate the associated Stack ID for the unit in the ARCONFIG file.

b. If stack NO_x emission rate \leq NO_x emission limit

Unit compliance status is Pass

else

Unit compliance status is Fail.

(3) For units associated with a complex stack configuration:

a. Locate all associated Stack IDs in ARCONFIG file.

b. Select highest NO_x emission rate for all stacks.

c. If selected stack NO_x emission rate \leq NO_x emission limit

Unit compliance status is Pass

else

d. Calculate NO_x pounds for the unit as apportioned to the unit from each stack

*Unit/Stack NO_x Pounds = Actual Stack NO_x Emission Rate * Unit Heat Input Apportioned from the Stack*

e. Calculate the total actual NO_x pounds for the unit:

$$\text{Unit NO}_x \text{ Pounds Emitted} = \text{Sum of Unit/Stack NO}_x \text{ Pounds Emitted for Each Unit/Stack}$$

f. Calculate the allowable NO_x pounds for the unit:

$$\text{Unit Allowable NO}_x \text{ Pounds} = \text{Unit NO}_x \text{ Emission Limit} * \text{Actual Unit Heat Input}$$

g. Determine compliance on a NO_x pounds basis for the unit:

If Unit NO_x Pounds Emitted ≤ Unit Allowable NO_x Pounds

Unit compliance status is Pass

else

Unit compliance status is Fail.

(b) Excess Emission Calculation

If the unit compliance status is fail, excess emissions are computed as follows:

(1) Compute allowable tons from the unit:

$$\text{NO}_x \text{ Pounds Allowable} = \text{Unit NO}_x \text{ Emission Limit} * \text{Actual Annual Unit Heat Input}$$

(2) Compute actual pounds emitted from the unit:

a. For units not associated with any stack or for units associated with a single common stack or for units with multiple stacks only:

$$\text{Unit NO}_x \text{ Pounds Emitted} = \text{Actual NO}_x \text{ Emission Rate} * \text{Actual Annual Unit Heat Input}$$

b. For units in a complex stack configuration

$$\text{Unit NO}_x \text{ Pounds Emitted} = \text{Sum of (Unit Apportioned Heat Input from Each Stack} * \text{Actual NO}_x \text{ Emission Rate for Each Stack)}$$

- (3) Determine exceedance (tons, rounded to one decimal place):

$$\text{NO}_x \text{ Tons Exceedance} = (\text{NO}_x \text{ Pounds Emitted} - \text{NO}_x \text{ Pounds Allowable}) / 2000$$

2. Determining Compliance of Units in Averaging Plans

(a) Compliance Determination

For each averaging plan, a NO_x emissions limit is calculated as follows.

- (1) Calculate the allowable NO_x pounds for the each unit in the plan:

$$\text{Unit NO}_x \text{ Pounds Allowable} = \text{Unit NO}_x \text{ Emission Limit} * \text{Actual Annual Unit Heat Input}$$

- (2) Calculate the total allowable NO_x pounds for the plan:

$$\text{Total NO}_x \text{ Pounds Allowable for Plan} = \text{Sum of All Units NO}_x \text{ Pounds Allowable}$$

- (3) Calculate the total actual heat input for the plan:

$$\text{Total Actual Heat Input for Plan} = \text{Sum of Annual Heat Input for All Units}$$

- (4) Calculate the allowable NO_x emission rate for the plan:

$$\text{Allowable NO}_x \text{ Emission Rate for Plan} = \text{Total NO}_x \text{ Pounds Allowable for Plan} / \text{Total Heat Input for Plan}$$

- (5) Calculate the actual NO_x pounds for each unit:

- a. For units not associated with a common stack:

$$\text{Unit NO}_x \text{ Pounds Emitted} = \text{Actual NO}_x \text{ Emission Rate} * \text{Annual Unit Heat Input}$$

- b. For each stack associated with the plan:

$$\text{Stack NO}_x \text{ Pounds Emitted} = \text{Actual NO}_x \text{ Emission Rate} * \text{Annual Stack Heat Input}$$

(6) Calculate the actual NO_x pounds for the plan:

Actual NO_x Pounds Emitted for the Plan = Sum of the Unit and Stack NO_x Pounds Emitted

(7) Calculate the total actual heat input for the plan:

Total Heat Input for the Plan = Sum of the Annual Heat Input for Each Unit or Stack with Measured Data

(8) Calculate the Annual NO_x emission rate for the plan:

Annual NO_x Emissions Rate for the Plan = Actual NO_x Pounds Emitted / Annual Heat Input for the Plan

(9) Determine NO_x compliance for the plan:

If Actual NO_x Pounds Emitted for the Plan ≤ NO_x Pounds Allowable for the plan

plan compliance status is Pass

else

plan compliance status is Fail.

(b) **Excess Emission Calculation**

If the plan compliance status is fail, excess emissions are computed in tons to one decimal place as follows:

NO_x Tons Exceedance = (NO_x Pounds Emitted - NO_x Pounds Allowable) / 2000