EPA
ACID RAIN PROGRAM

2001 PROGRESS REPORT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

November 2002

This Progress Report replaces the Compliance Report and the Emissions Scorecard used in previous years to report on the results of the Acid Rain Program. All data and results from the Acid Rain Program are now compiled in a single document that reports information on:

- emission levels
- compliance with the SO_2 and NO_x components of the program
- SO_2 allowance prices
- emissions monitoring
- air quality and deposition monitoring
- environmental and human health effects and benefits

This Progress Report will be published annually by EPA to update the public on the status of implementation of the Acid Rain Program and our progress towards achieving our environmental goals. Detailed unit-level emissions data are available on our website at *http://www.epa.gov/airmarkets/emissions/index*. Our new query tool that provides access to a variety of EPA emissions data is available at *http://cfpub.epa.gov/gdm*. For more information on the Acid Rain Program, including information on SO_2 and NO_x emissions, acid deposition monitoring, and the environmental effects of acid deposition, you can visit our website at *http://www.epa.gov/airmarkets*.

EPA Acid Rain Program
2001 Progress Report
EPA-430-R-02-009

Clean Air Markets Program
Office of Air and Radiation
U.S. Environmental Protection Agency

November, 2002

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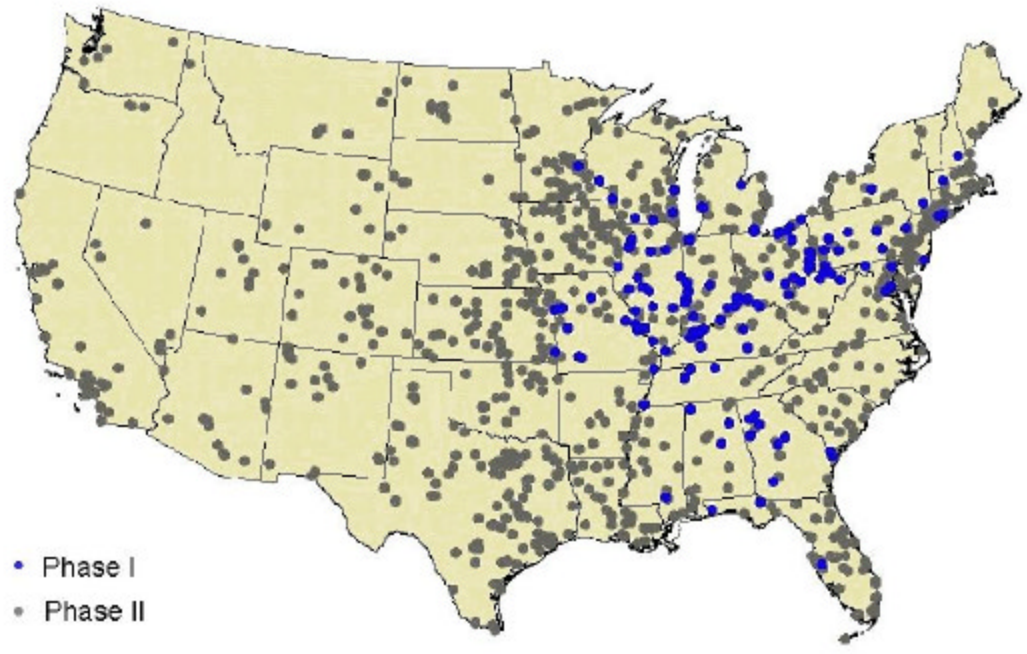
Introduction

The Acid Rain Program was established under Title IV of the 1990 Clean Air Act Amendments. The program requires major reductions of sulfur dioxide (SO_2) and nitrogen oxides (NO_x) emissions, the pollutants that cause acid rain. Using an innovative market-based or "cap and trade" approach to environmental protection, the program sets a permanent cap on the total amount of SO_2 that may be emitted by electric power plants nationwide. The cap is set at about one half of the amount of SO_2 emitted in 1980, and the trading component allows flexibility for individual fossil fuel-fired combustion units to select their own methods of compliance. The program also sets NO_x emission limitations (in pounds per million British thermal units or lb/mmBtu) for certain coal-fired electric utility boilers, representing about a 27% reduction from 1990 levels. The Acid Rain Program was implemented in two phases. Phase I applied primarily to the largest coal-fired sources from 1995 through 1999 for SO_2 and from 1996 through 1999 for NO_x. Phase II for both pollutants began in 2000 and applies to thousands of combustion units (see Figure 1). In 2001, there were 2,792 units affected by the SO_2 provisions of the Acid Rain Program. Additionally, 1,046 of these units were required to meet a NO_x emissions limit in 2001 under the Acid Rain Program provisions[1]. The Acid Rain Program has significantly reduced emissions of SO_2 and



Source: EPA

Figure 1. Sources Affected by the SO_2 Requirements of Title IV (the Acid Rain Program) of the 1990 Clean Air Act, 2001

Most Phase I sources (the largest, highest-emitting sources) were in the Midwest; in Phase II sources nationwide are affected by the Acid Rain Program.

[1] Sources affected by the Acid Rain Program are tracked for compliance purposes at the unit level. A single source (power plant) may have many units (combustion devices).

NO_X from electric power plants and resulted in substantial environmental and human health benefits.

An Innovative Cap and Trade Program for SO_2

The SO_2 component of the Acid Rain Program represents a dramatic departure from traditional command and control regulatory approaches that establish source-specific emissions limitations. Instead, the program uses an overall emissions cap for SO_2 that ensures emissions reductions are achieved and maintained and a trading system that facilitates lowest-cost emissions reductions. The program features tradeable SO_2 emissions allowances, where one allowance is a limited authorization to emit one ton of SO_2. A fixed number of allowances are issued by the government, and they may be bought, sold, or banked for future use by utilities, brokers, or anyone else interested in holding them. Existing units are allocated allowances for each year; new units do not receive allowances and must buy them. At the end of the year all participants in the program are obliged to surrender to EPA the number of allowances that correspond to their annual SO_2 emissions.

Affected sources must demonstrate compliance with the SO_2 provisions of the Acid Rain Program at the end of each year. Sources are granted a 60-day grace period during which additional SO_2 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 SO_2 emissions for the previous year. The Acid Rain Program requires affected sources to monitor emissions continuously and to report their emissions regularly. Failure to surrender sufficient allowances results in significant automatic penalties that include fines as well as a reduction in the number of allowances allocated in the following year. Any remaining SO_2 allowances may be sold and/or banked for future use.

The NO_X Program

The NO_X component of the Acid Rain Program, using a more traditional regulatory approach, establishes an emission rate limit for certain types of coal-fired boilers. However, sources are provided a degree of flexibility through emissions averaging provisions, whereby a company can meet the standard emission limitations by averaging the emissions rates of two or more boilers. This allows sources 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.

Sources affected by the NO_X portion of the Acid Rain Program must also demonstrate that they have complied with the NO_X provisions at the end of the year. Sources demonstrate compliance with the NO_X program by achieving an annual emission rate at or below mandated levels.

Why Worry about Acid Rain?

Acid deposition, more commonly known as acid rain, occurs when emissions of SO_2 and NO_X react in the atmosphere (with water, oxygen, and oxidants) to form various acidic compounds. These acidic compounds then fall to earth in either a wet form (rain, snow, and fog) or a dry form (gases and particles). Prevailing winds transport the acidic compounds hundreds of miles, often across state and national borders. The acidic compounds (including small particles such as sulfates and nitrates) cause many negative environmental effects. These pollutants impair air quality and damage public health, acidify lakes and streams, harm sensitive forest and coastal ecosystems, degrade visibility, and accelerate the decay of building materials, paints, and cultural artifacts such as buildings, statues, and sculptures nationwide.

Some places and people are more susceptible or sensitive to these impacts than others. Areas where acid deposition damages ecosystems or gases and particles impair visibility are called "sensitive receptors." Sensitive ecological receptors include lakes and streams throughout the Appalachian Mountains; forests in the Appalachian Mountains, the Colorado Front Range, and West Coast coastal mountain ranges; and many East and Gulf coast estuaries and coastal waters. Many national parks and wilderness areas, including Great Smoky National Park, Acadia National Park, and Grand Canyon National Park have impaired visibility due in part to emissions of SO_2 and NO_X from power generation sources. Many people (especially children, the elderly and those with existing respiratory or cardiovascular conditions) are also adversely impacted by fine particles formed from

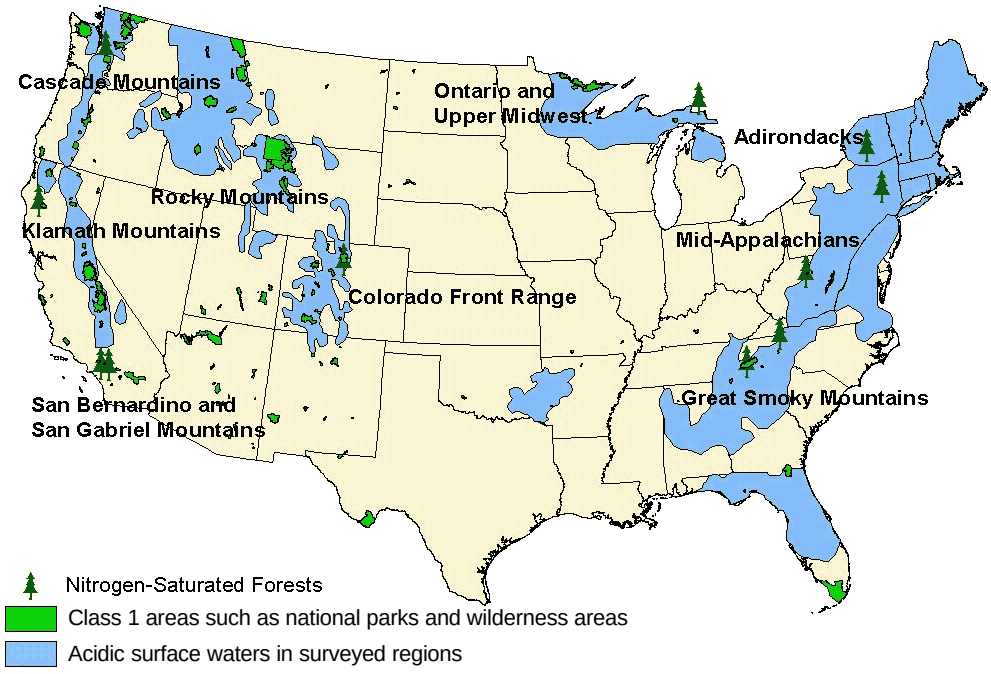


Figure 2. Sensitive Ecological Receptors

Areas sensitive to acid deposition, nitrogen-overenrichment, and visibility impairment occur nationwide.

SO_2 and NO_X emissions and ozone formed from NO_X emissions from power generation sources.

The pollutants that cause acid rain often cause human health and environmental impacts hundreds of miles from where they are emitted. This long-range transport makes it critical to reduce all emissions that cause acid rain, even those that occur far from sensitive receptors or population centers. The Acid Rain Program's ultimate objective is to protect the environment and improve human health by reducing SO_2 and NO_X emissions from power generation sources. These emission reductions benefit the nation by:

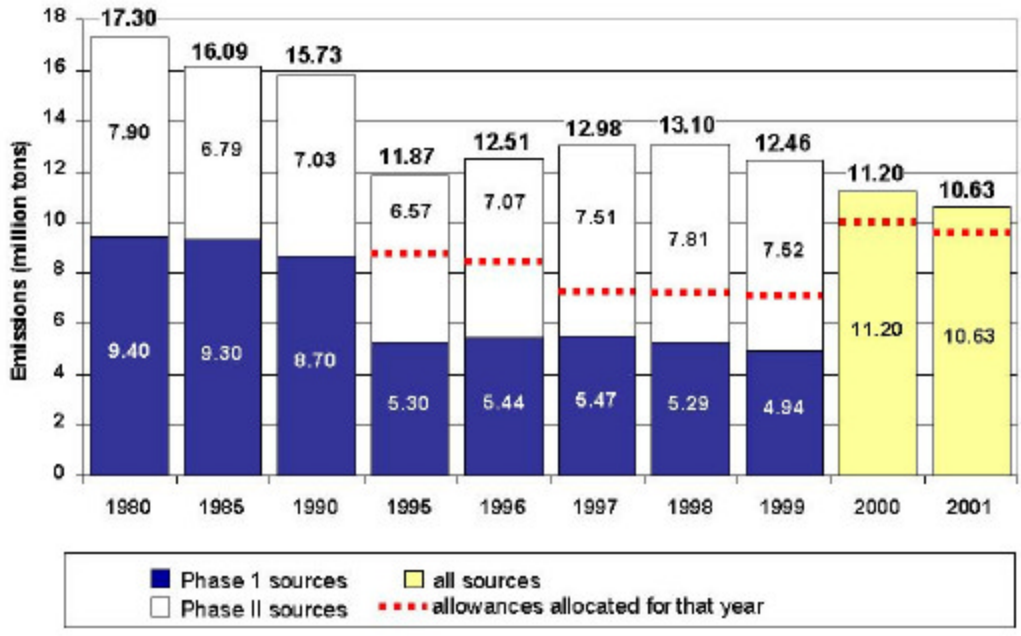
- Improving air quality and protecting public health
- Restoring acidified lakes and streams so they can once again support fish and other aquatic life
- Improving visibility, especially at scenic vistas in national parks
- Reducing the damage to sensitive forests, such as those along the Appalachian Mountains and in the Colorado Front Range
- Reducing the damage to nitrogen-sensitive coastal waters along the East and Gulf Coasts
- Protecting our historic buildings and monuments from degradation

The SO_2 Program

There were 2,792 units[2] used to produce electric power that were subject to the SO_2 provisions of the Acid Rain Program in 2001 (that is, they operated, submitted emissions data for SO_2, and were subject to annual reconciliation of allowable emissions with actual emissions in 2001). Acid Rain Program sources reduced their combined SO_2 emissions in 2001 by 39% from 1980 levels (33% from 1990 levels). All but two of the 2,792 units complied with the requirement to hold sufficient allowances. There were no significant geographic shifts in emissions. The price of an SO_2 allowance ranged from $135 to $210/ton in 2001, a price range that is comparable to allowance prices in previous years.

Emissions

In 2001, the second year of Phase II, Acid Rain Program sources achieved a total reduction in SO_2 emissions of about 39% compared to 1980 levels (33% compared to 1990 levels). Compared to 2000 levels, these sources reduced their SO_2 emissions by 5% or 569,000 tons. Figure 3 shows the trend in SO_2 emissions



Source: EPA

Figure 3. SO_2 Emissions from Acid Rain Sources, 1980-2001

The large decrease in SO_2 emissions from power plants since 1990 is due to implementation of the Acid Rain Program.

[2] In this report, the term "unit" means a fossil-fuel fired combustor that serves a generator that provides electricity for sale. The vast majority of emissions affected by the program come from coal-fired generation units, but oil and natural gas units are also included in the program.

since 1980 for all affected sources.

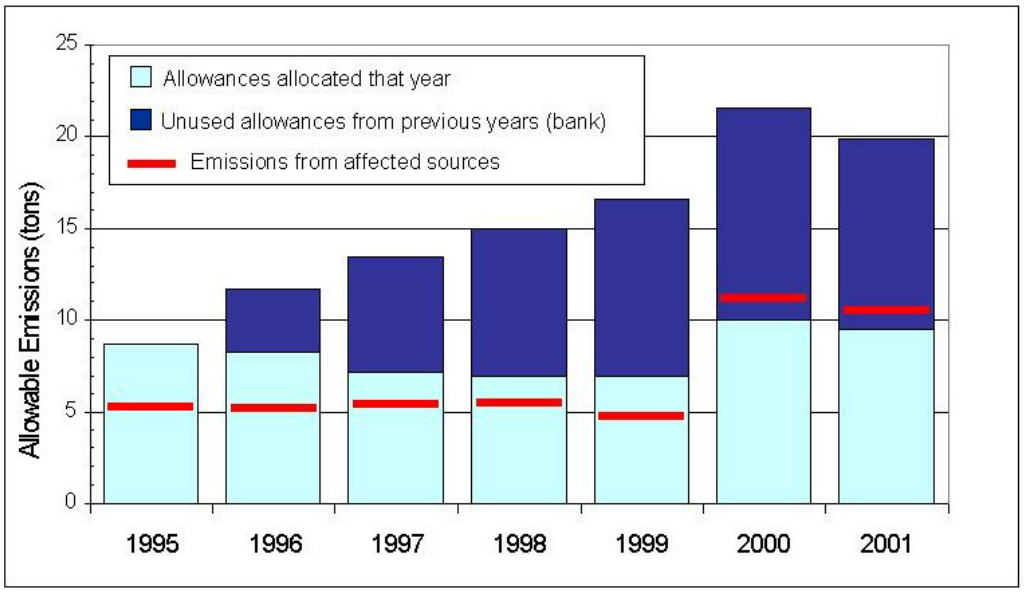
The electric utility industry is by far the largest single source of sulfur dioxide emissions, accounting for approximately 65% of total SO_2 emissions nationwide. In addition to the significant reductions from the electric power generation sector, reductions in SO_2 emissions from other sources, including smelters and sulfuric acid manufacturing plants, and use of cleaner fuels in residential and commercial burners, have also contributed to the 50% decline of SO_2 emissions from all sources since 1980 (National Air Quality and Emissions Trends Report, 1999).

There were 2,792 units that underwent annual reconciliation for SO_2 in 2001. (These units, as well as an additional 273 units which were retired or not yet operating, are listed in Appendix A of this Report. Appendix A is available on our website at *www.epa.gov/airmarkets/cmprpt/arp01/index.html*).

The allowances (i.e., authorizations to emit SO_2) allocated in a particular year to each source are determined by several provisions of the Clean Air Act. For the year 2001, a total of 9.55 million allowances were granted. Adding these 9.55 million allowances to the unused allowances carried over (or banked) from prior years, a total of 19.93 million allowances were available for use in 2001. Sources emitted 10.63 million tons in 2001, 1.08 million tons more than the allowances granted in 2001 but far less than the allowable level. For the second year in a row the number of allowances in the bank declined. As shown in Figure 4, the bank shrank by 1.08 million allowances in 2001. Over time the bank is expected to continue to be depleted as sources use these banked allowances to comply with the

Figure 4. Allocated, Used, and Banked SO_2 Allowances

The bank was built up during Phase I with early reductions and is now being drawn down under Phase II.



Source: EPA

Type of Allowance Allocation	Number of Allowances	Explanation of Allowance Allocation Type
Initial Allocation	9,190,922[3]	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.
Allowances for Substitution Units	13,547	A lawsuit settlement allowed for a small amount of allowances to be allocated for Substitution Units in 2001 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	99,188	Opt-in Allowances are provided to units entering the program voluntarily. There were 11 opt-in units in 2001.
TOTAL 2001 ALLOCATION	**9,553,657**	
Banked Allowances	10,376,426	Banked Allowances are those held over from 1995 through 2000 which can be used for compliance in 2001 or any future year.
Conservation and Renewable Energy Allowances	3,528	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 2001.
TOTAL 2001 ALLOWABLE	**19,933,611**	

[3] The total year 2001 initial allocation was 9,191,897. Fifty-four allowances were deducted as offsets during year 2000 reconciliation, and 921 allowances were surrendered as part of an enforcement action prior to the 2001 reconciliation.

Source: EPA

Figure 5. Origin of 2001 Allowable Emissions Level

There were 9.55 million allowances allocated in 2001; an additional 10.38 million allowances had been banked in previous years and were available for use.

stringent Phase II requirements. Figure 5 explains in more detail the origin of the allowances available for use in 2001.

Compliance

A total of 10.6 million allowances were deducted from sources' accounts in 2001. Two units were short a total of 11 allowances to cover their emissions for the 2001 compliance year. Eleven year 2002 allowances were taken from these units as

"offsets" and are included in the total number of used allowances for 2001. In addition to the offsets, the operators of these units were assessed an automatic monetary penalty totaling $30,514.[4] Figure 6 displays these allowance deductions, as well as the remaining bank of 1995 through 2001 allowances.

During the compliance process, the number of allowances surrendered at an individual unit is 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 source 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 such apportionment was made, EPA deducted allowances equally among the units sharing the stack to cover total emissions reported by the stack. The deductions for emissions at each unit after the common stack apportionment was made can be found in Appendix A of this Report. Appendix A is available on our website at *www.epa.gov/airmarkets/cmprpt/arp01/index.html*. Units sharing a common stack are listed directly under the entry for their common stack.

Figure 6. SO_2 Allowance Reconciliation Summary, 2001

Total Allowances Held in Accounts as of 3/1/2002 (1995 through 2001 Vintages)[5]	**19,933,611**
Unit Accounts	14,749,028
General Accounts[6]	5,184,583
Allowances Deducted for Emissions (1995 through 2001)	**10,633,035**
2002 Penalty Allowances Deducted	**11**
Banked Allowances	**9,300,576**
Unit Accounts	4,115,993
General Accounts[6]	5,184,583

[5] The number of allowances held in the Allowance Tracking System (ATS) accounts equals the number of 2001 allowances allocated (see Figure 5) plus the number of banked allowances. March 1, 2002 represents the Allowance Transfer Deadline, the point in time at which unit accounts are frozen and after which no transfers of 1995 through 2001 allowances will be recorded. The freeze on these accounts is removed when annual reconciliation is complete.

[6] General accounts can be established in the ATS by any utility, individual or other entity.

Source: EPA

[4] A source that does not hold enough allowances in its unit account to cover its annual SO_2 emissions has "excess emissions" and must pay a $2,000 per ton automatic penalty in 1990$. The $2,000 penalty is adjusted annually for inflation, so the year 2001 penalty was $2,774.

Geographic Trends in SO_2 Emissions

Total sulfur dioxide emissions from power generation have decreased significantly since the Acid Rain Program was authorized by Congress in 1990, and they continued to decline in 2001, the second year of Phase II. The geographic distribution of SO_2 emissions did not change significantly between 1990 and 2001. Figure 7 displays bar graphs comparing state SO_2 emission trends from power generation before the Acid Rain Program (1990), during Phase I (1995-1999 average), and in Phase II to date (2000-2001 average).

Several geographic trends are evident:

- The bar graphs on the map in Figure 7 illustrate that the area with the highest emissions--the Midwest--also had the largest reductions;
- SO_2 emission reductions during Phase I occurred predominantly in approximately a dozen states in the Eastern U.S. (Phase I affected the larger, higher emitting utilities in the Eastern half of the country);
- The 24 shaded states represent states where SO_2 emissions in Phase II (2000-2001) were lower than both 1990 levels and the 1995-1999 Phase I average. Unlike the SO_2 emission reductions achieved during Phase I, these Phase II reductions are geographically more widespread, occurring in a larger number of Southeastern and some Western states.

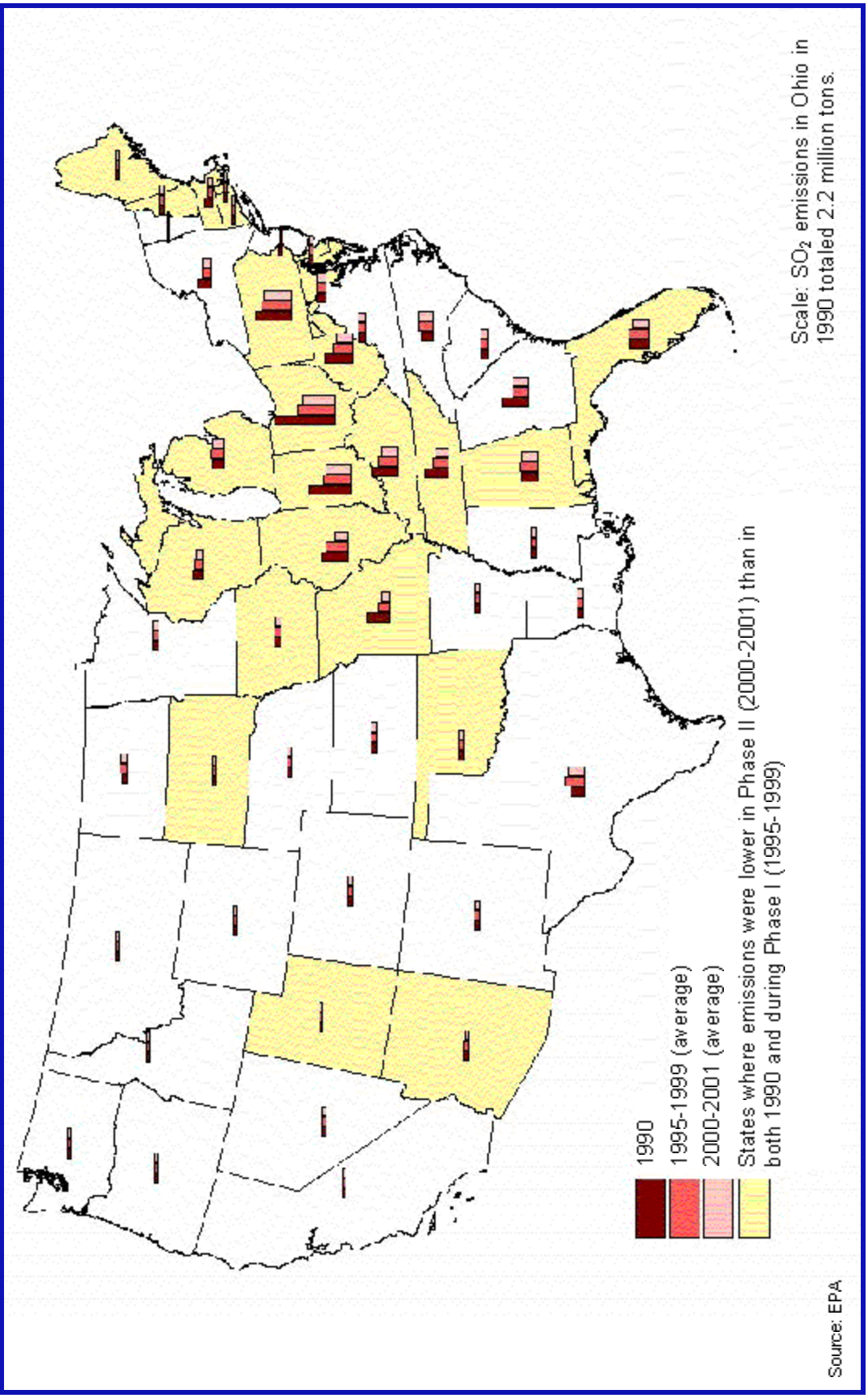
In several states, average SO_2 emissions during Phase 1 were higher than they had been in 1990. This is due to the large number of Phase II sources in these states that were not required to control for SO_2 until 2000. In the 2000-2001 period (Phase II) these emissions declined to levels below what was emitted in 1990. In general, because SO_2 emissions are capped, there will be pressure to continue to reduce SO_2 emissions by installing add-on controls.

Figure 8 illustrates the geographic distribution by state of SO_2 emissions from power generation before implementation of the Acid Rain Program (1990), during Phase I (1995-1999 average), and in Phase II (2000-2001 average).

In 2001, Title IV sources achieved a 33% reduction from 1990 SO_2 levels nationwide. SO_2 emissions in Texas did increase in Phase I; however, SO_2 emissions in the state decreased in Phase II when the Acid Rain Program requirements took effect for Texas sources. Although most SO_2 emissions still 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 SO_2 emissions in the country. The highest SO_2 emitting states in 1990 (Ohio, Indiana, and Pennsylvania), reduced emissions 40% in 2001 (49%, 47%, and 22%, respectively) compared to 1990 levels. Other states in the region show similar trends since 1990. SO_2 emissions decreased 59% in Illinois, 41% in Kentucky, 70% in Missouri, 55% in Tennessee, and 49% in West Virginia.

Figure 7. Average SO_2 Emissions from Acid Rain Sources by State, 1990-2001

Emissions in the East, where most Phase I sources are located, decreased during Phase I. Many additional reductions during Phase II are occurring in the Southeast and West.



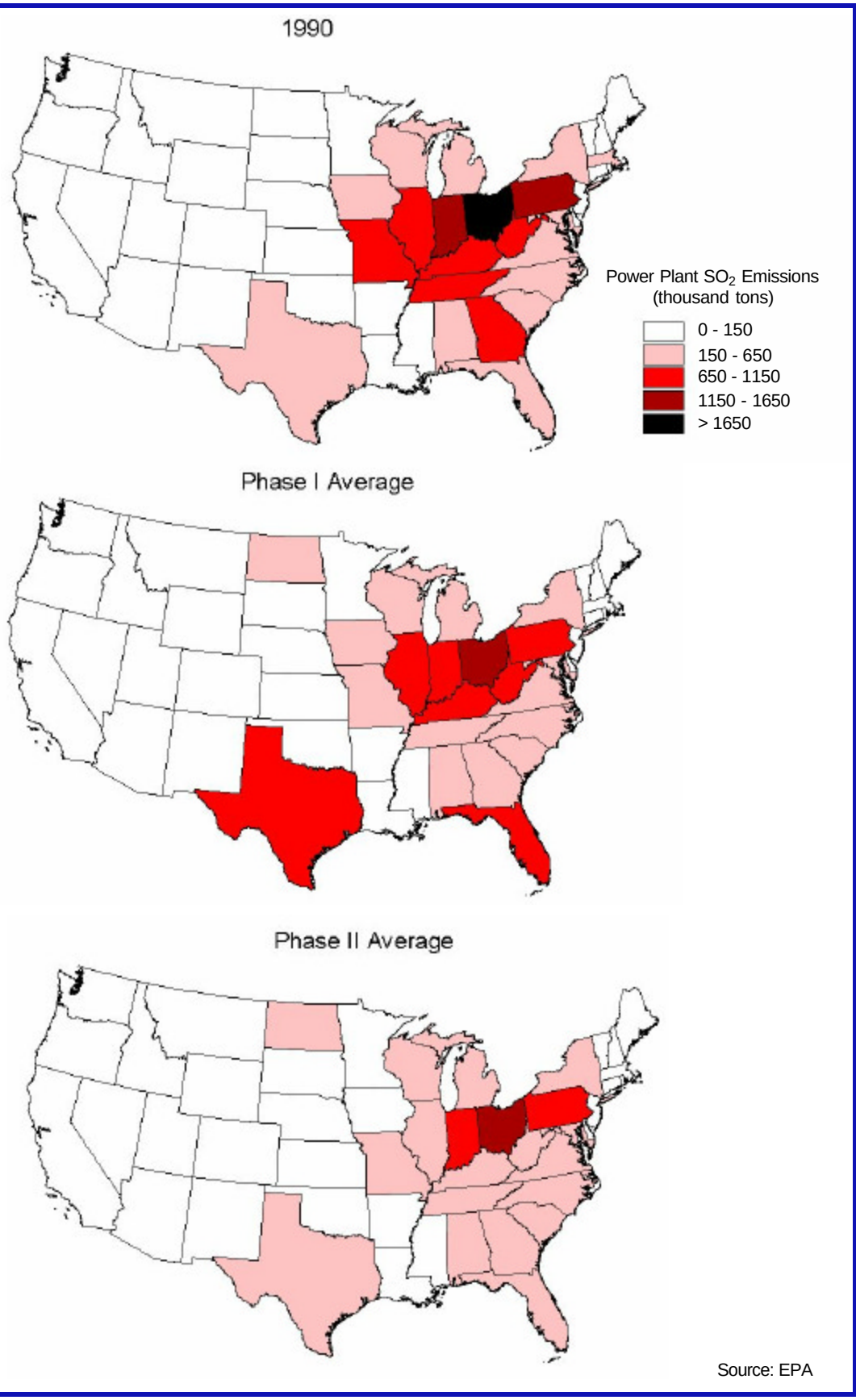


Figure 8. Geographic Distribution of Average SO_2 Emissions from Acid Rain Sources by State, 1990-2001

Since 1990 the most significant emissions reductions have taken place in the highest emitting states. There have been no significant geographic shifts in emissions since 1990.

SO_2 Allowance Market

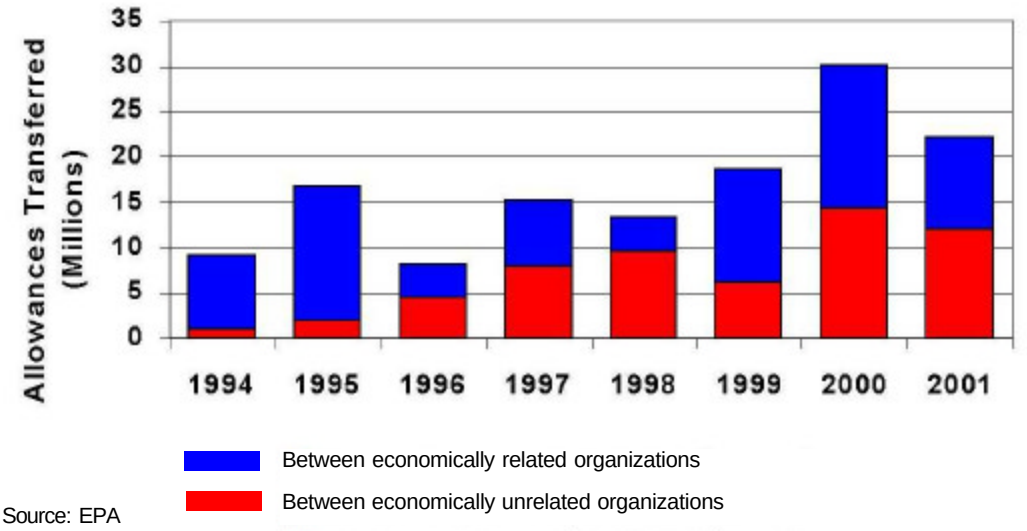
The flexibility provided by the Acid Rain Program enabled the 2,792 units subject to the SO_2 requirements in 2001 to pursue a variety of compliance options. Sources met their SO_2 reduction obligations by installing scrubbers, switching fuels, changing practices or procedures to improve energy efficiency, and buying allowances. The presence of the allowance market has given some sources the incentive to reduce their SO_2 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 or reduce expenditures for control by purchasing allowances from sources that controlled below their allowance allocation level. The flexibility in compliance options is possible because strict monitoring requirements for all affected units ensure one allowance is surrendered for every ton of SO_2 emitted. The program's flexibility significantly reduces the cost of achieving these emissions reductions as compared to the cost of a technological mandate or fixed emission rate.

The marginal cost of compliance--the cost of reducing the next ton of SO_2 emitted from the utility sector--is reflected in the price of an allowance. Emission reductions continue to cost less than anticipated when the Clean Air Act Amendments were enacted and this is reflected in the price of allowances. The cost of an allowance was initially estimated at $400-1,000/ton in 1990 dollars ($500-1,200/ton in 2001 dollars). As shown in Figure 9, actual prices have been significantly lower than predicted. During 2001, SO_2 allowances ranged in price from $135-$210/ton. At the time of the annual allowance auction in April 2001, allowances were approximately $170/ton. The price rose through the summer, peaking at $210/ton in late August/early September. During the last quarter of 2001, prices dropped back to around $170/ton and then stabilized. Some market observers believe lower-than-expected allowance prices during the first several

Figure 9. SO_2 Allowance Price Index

The cost of allowances in 2001 did not change substantially from the previous few years and remains far lower than estimated in 1990.

Source: Monthly price reports from Cantor Fitzgerald Environmental Brokerage Services



Source: EPA

Figure 10. SO_2 Allowances Transferred under the Acid Rain Program

The number of official transfers between economically unrelated organizations has increased since 1994.

years of the program were due primarily to lower than expected compliance costs and larger than expected emissions reductions, which increased the supply of allowances and put downward pressure on prices. Additionally, the more stringent limits in Phase II most likely resulted in higher average prices in 2001 than in 2000 as sources realized they would have to continue to withdraw from the bank and employ further controls to comply in future years.

The level of activity in the allowance market created under the Acid Rain Program increased fairly steadily through 2000 and then dropped off somewhat in 2001, the second year of Phase II. However, the number of official transfers in 2001 was still higher than in any year of Phase I.

In 2001, 4,900 allowance transfers that affected over 22 million allowances (of past, current, and future vintages) were recorded in the Allowance Transfer System, the accounting system developed to track holdings of allowances. Of the allowances transferred, 12.6 million, or 55%, were transferred in economically significant transactions (i.e., between economically unrelated parties). Figure 10 shows the volume of SO_2 allowances transferred under the Acid Rain Program since official recording of transfers began in 1994. The majority of the allowances transferred in economically significant transactions were acquired by utilities. Trades between unrelated organizations accounted for approximately 12 million allowances in 2001. In December 2001, trading parties began to use the On-line Allowance Tracking System (OATS). By the end of 2001, OATS recorded 211 transfers electronically over the internet.

All official allowance transactions, as well as data on account balances and ownership, are posted and updated daily on the Clean Air Markets Division's website (*www.epa.gov/airmarkets*) in order to better inform trading participants of the status of the market. Cumulative market statistics and analysis are also available.

The NO_x Program

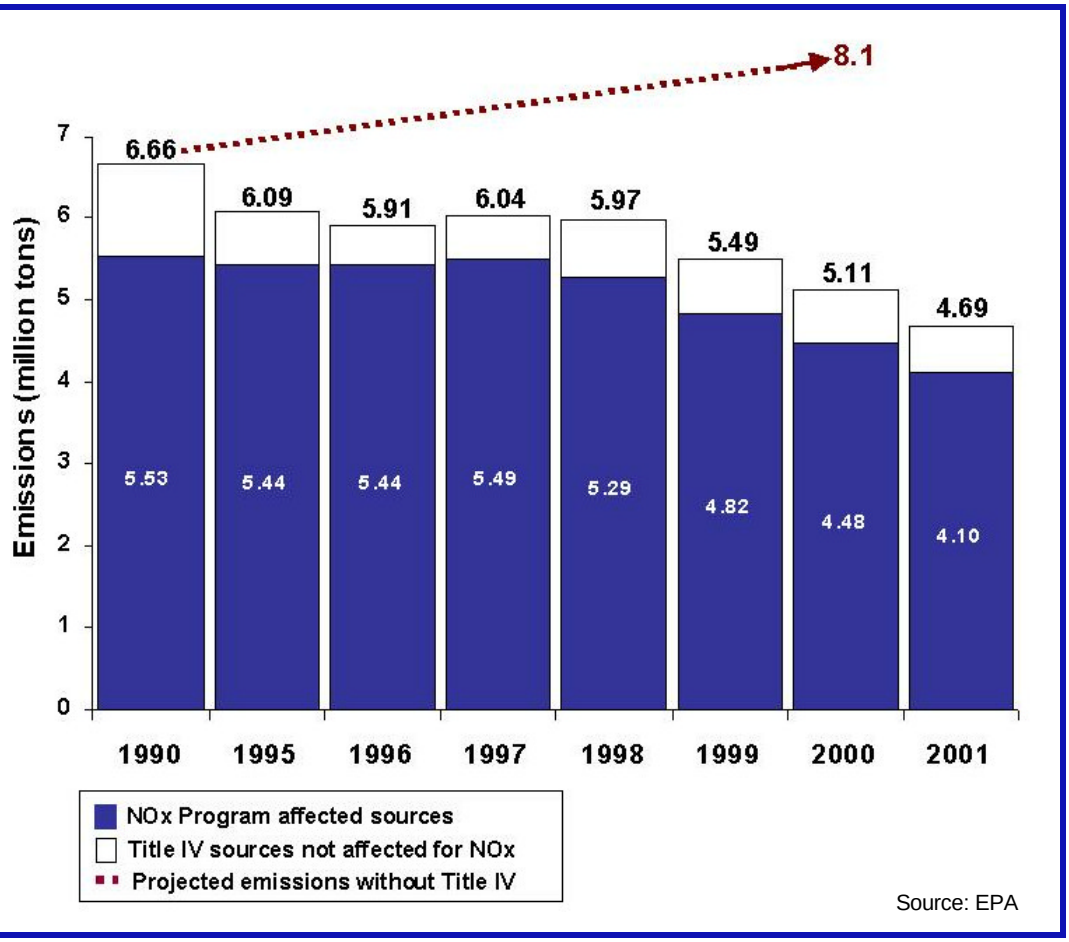
All sources affected by the Acid Rain Program NO_x requirements reduced their combined NO_x emissions by 25% from 1990 levels in 2001. All but one of the 1,046 NO_x program affected units complied with their NO_x emission rate limitation. There were no significant shifts in the geographic distribution of emissions due to use of the emissions averaging compliance option.

Emissions

Title IV of the 1990 Clean Air Act requires the Acid Rain Program NO_x program to achieve a 2 million ton reduction from projected NO_x emissions levels in 2000. Total NO_x emissions from all Acid Rain Program affected units surpassed that goal by 1 million tons in 2000 (see Figure 11). Emissions from those sources in 2001 were even less -- 3.4 million tons (over 40%) below projected 2000 emissions without the Acid Rain Program. For all 2,792 Title IV affected units, total

Figure 11. NO_x Emissions from Acid Rain Sources, 1990-2001

NO_x emissions have decreased since 1990, particularly in preparation for and during Phase II of the Acid Rain Program. Reductions since 1999 are also due in part to implementation of the OTC NO_x Budget Trading Program and the NO_x SIP call.



Source: EPA

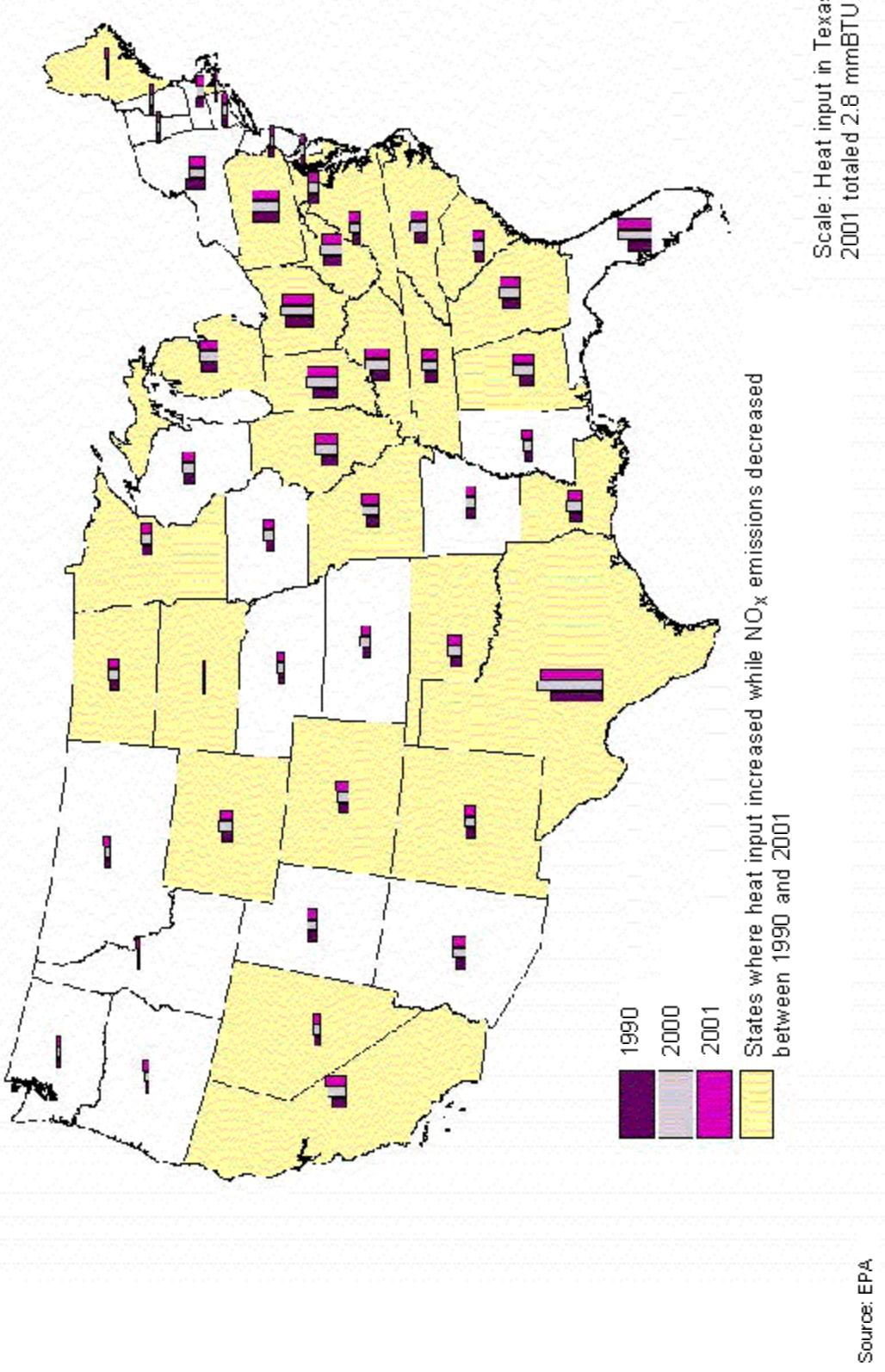


Figure 12. Comparison of Heat Input for Electricity Generation and NO_x Emissions from Acid Rain Sources, by State, 1990-2001

Heat input--a measure of fossil fuel used to generate electricity--increased in almost every state between 1990 and 2001 while nationwide NO_x emissions decreased.

NO_x mass emissions in 2001 were 2 million tons lower than emissions in 1990. Emissions from the 1,046 NO_x program affected sources in 2001 were 1.4 million tons lower than in 1990 and 8% lower than in 2000.

These reductions have been achieved while the amount of fuel burned to produce electricity, as measured by heat input, increased 28% since 1990. As illustrated in Figure 12, many states with increasing electricity production have also decreased total NO_x emissions in 2001, as compared to 1990 levels. Without further reductions in emissions rates or institution of a cap on NO_x emissions, however, NO_x emissions from power plants would have been expected to rise with increased use of fossil fuels in most areas of the country.

NO_x emissions come from a wide variety of sources including those affected by the Acid Rain Program. NO_x emissions from electric utilities account for approximately 20% of NO_x emissions from all sources. NO_x emissions from transportation sources are 55% of NO_x emissions from all sources. Nationally, NO_x emissions have increased 5% between 1990 and 1999. This is primarily due to an increase of 17% in NO_x emissions from transportation sources, particularly heavy duty vehicles, since 1990. That increase has been offset to some extent by the emissions decreases from electric utilities and other fuel combustion sources due to a variety of federal and state emission reduction programs (including the Acid Rain Program, the Ozone Trading Commission NO_x Budget Trading Program, and anticipation of the NO_x SIP call) and federal enforcement actions (National Air Quality and Emissions Trends Report, 1999).

Emission Limits

Instead of using allowance trading to facilitate NO_x emissions reductions, the Acid Rain Program establishes NO_x emission limitations (lb/mmBtu NO_x) for coal-fired electric generation units.

The Acid Rain Program NO_x regulation (40 CFR part 76), establishes NO_x limits for Group 1 boilers (dry bottom wall-fired and tangentially fired boilers), as well as Group 2 boilers (cell burner, cyclone, vertically-fired, and wet bottom boilers). Figure 13 shows the number of NO_x affected units by boiler type and the emissions limit for each boiler type.

There were 1,046 units subject to NO_x emissions limitations in 2001. The owners and operators of a NO_x affected unit must choose at least one NO_x compliance plan (described below) to indicate how the unit will comply with its NO_x limit:

- **Standard Limitation**. A unit with a standard limit simply meets the applicable individual NO_x limit prescribed for its boiler type under 40 CFR 76.5, 76.6, or 76.7.

- **Early Election**. Under this compliance option, a Phase II Group 1 NO_x

affected unit met a less stringent Phase I NO_X limit beginning in 1997, three years before it would normally be subject to an Acid Rain NO_X limit. In return for accepting a NO_X limit three years earlier than would normally be required, an early election unit does not become subject to the more stringent Phase II NO_X limit until 2008.

- **Emissions Averaging**. A company can meet its NO_X emissions reduction requirements by choosing to make a group of NO_X affected boilers subject to a group NO_X limit, rather than meeting individual NO_X limits for each unit. The group limit is established at the end of each calendar year, and the group rate for the units must be less than or equal to the Btu-weighted rate at which the units would have been limited had each been subject to an individual NO_X limit.

- **Alternative Emission Limitation (AEL)**. A utility can petition for a less stringent AEL if it properly installs and operates the NO_X emissions reduction technology prescribed for that boiler but is unable to 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.

Figure 13. Number of NO_x Affected Units by Boiler Type

Coal-Fired Boiler Type[7]	Standard Emission Limit (lb/mmBtu)	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

[7] All coverage for boilers > 25 MW unless otherwise noted.

Source: EPA

Figure 14. Compliance Actions in the NO_x Program, 2001

The primary method of compliance with the NO_x program was emissions averaging.

Compliance Option	Number of Units
Standard Emission Limitation	140
Early Election	274
Emissions Averaging	638
Alternative Emission Limitation	27
TOTAL	1,079[8]

[8] The total does not equal 1,046 because 28 units have both early election and emissions averaging compliance plans, and 5 units have both AELs and emissions averaging plans.

Source: EPA

Compliance

In 2001, 1,045 NO_x units met their NO_x emissions limits through compliance with their respective NO_x compliance plans. Only one unit failed to meet its NO_x emissions limit in 2001. That unit had excess NO_x emissions of 60 tons and was assessed a monetary penalty of $166,440 (60 tons x $2,774 per ton penalty). Detailed compliance information by unit can be found in Appendices B1 and B2. These appendices are available on our website at *www.epa.gov/airmarkets/cmprpt/arp01/index*. Figure 14 summarizes the compliance options chosen for NO_x affected units in 2001. Averaging was the most widely chosen compliance option; 54 averaging plans involving 638 units were in place in 2001.

Geographic Trends in NO_x Emissions

Total nitrogen oxide emissions from all NO_x affected Acid Rain Program sources have decreased 25% since 1990. Figure 15 displays bar graphs illustrating relative state NO_x emission trends from power generation sources affected by the NO_x program before the Acid Rain Program (1990), during Phase I (1996-1999 average), and in Phase II (2000-2001 average). NO_x emissions reductions since 1999 are due in part to implementation of the OTC NO_x Budget Trading Program, the NO_x SIP call, and several state reduction programs as well as the Acid Rain Program.

Several geographic trends are evident:

- The bar graphs illustrate that NO_x emissions were lower in 35 states in 2001 compared to 1990 levels, with the greatest reduction occurring in the Eastern United States;
- The shaded states had lower NO_x emissions in 2001 compared to both 1990 levels and the 1996-1999 Phase I average. NO_x reductions

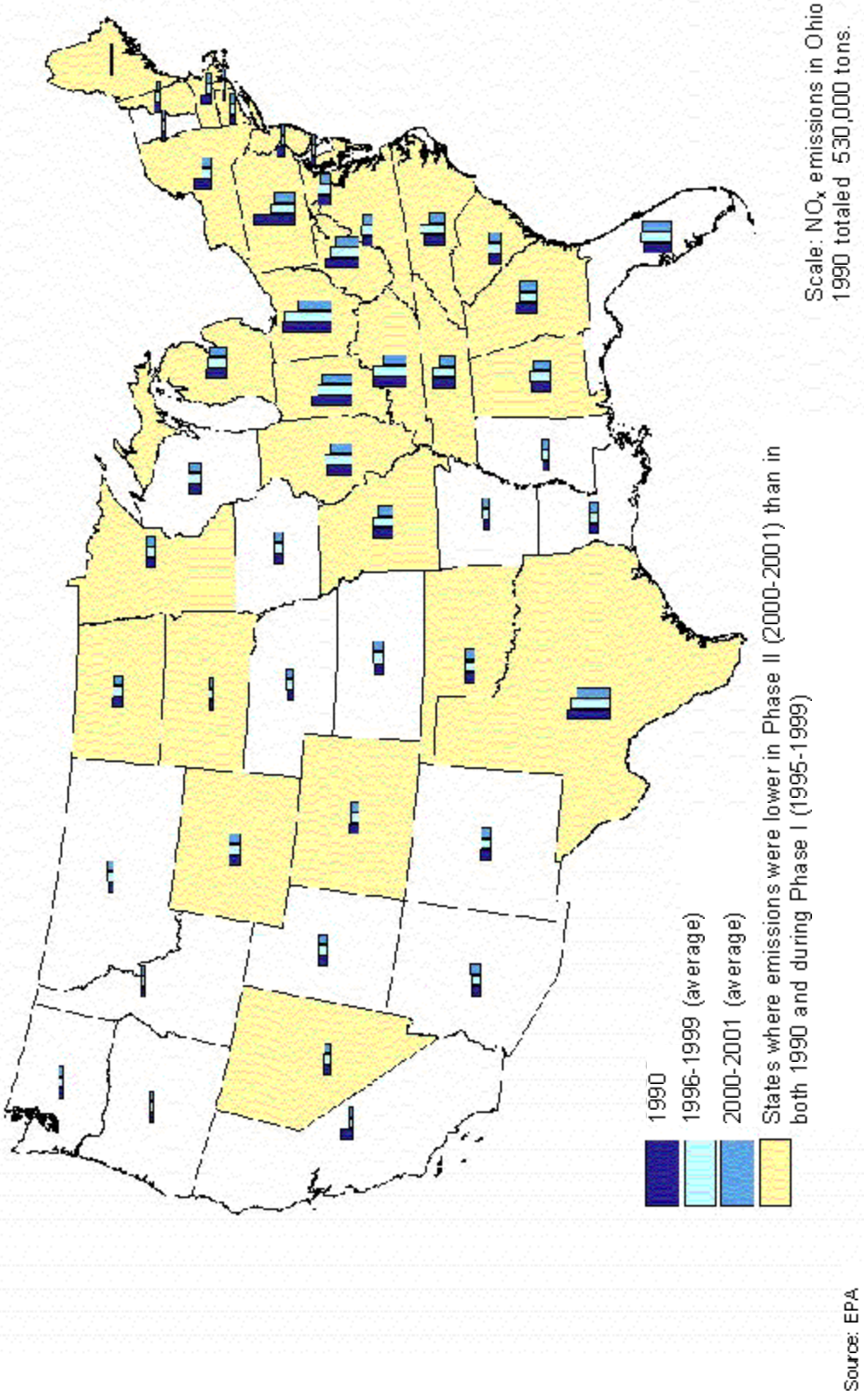
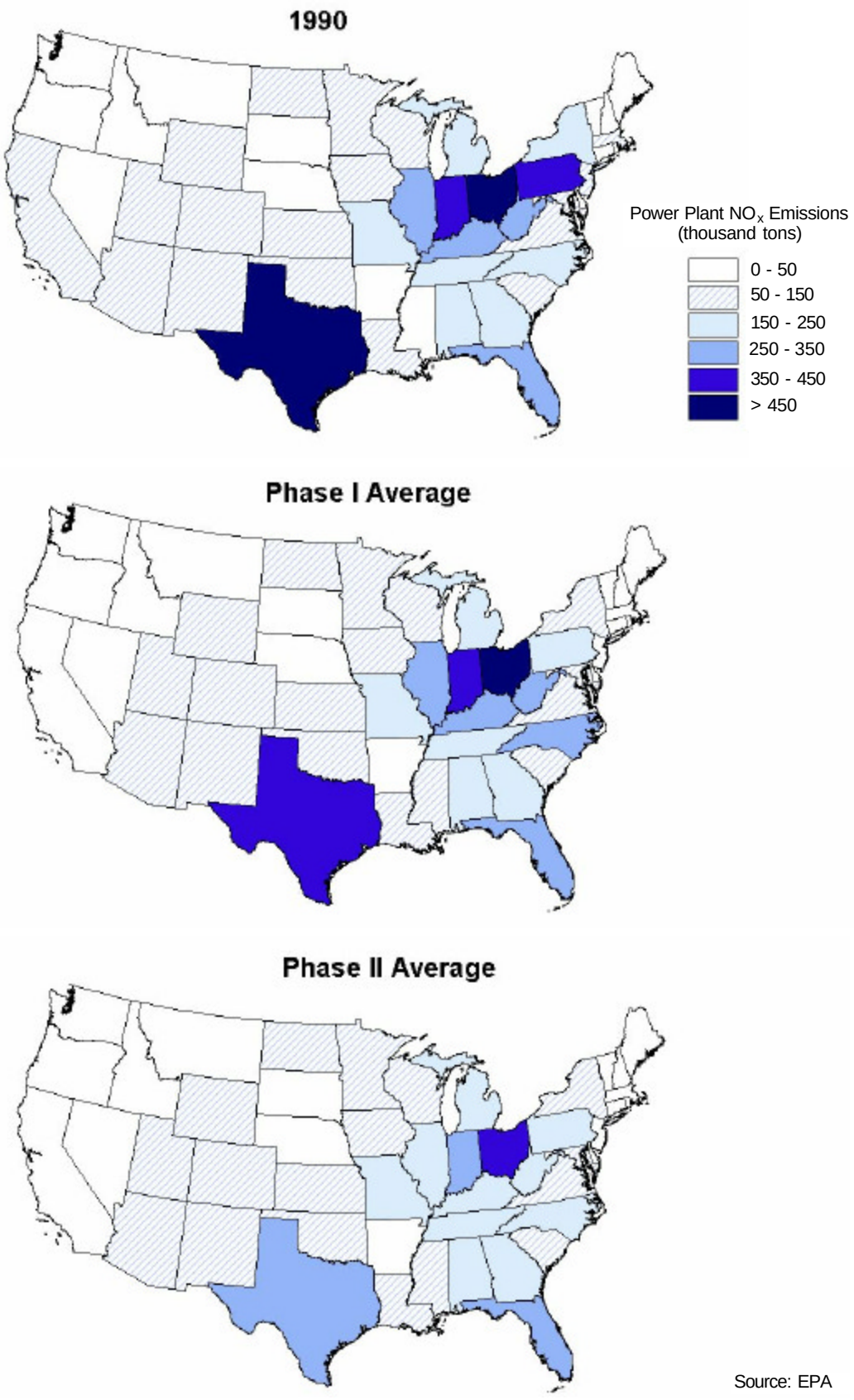


Figure 15. Average NO_x Emissions from Acid Rain Sources by State, 1990-2001

NO_x emissions in Phase II (2000 and 2001) continue to decrease in most states, especially among the highest emitting states.

Figure 16. Geographic Distribution of Average NO_x Emissions from Acid Rain Sources by State, 1990-2001

Emissions reductions in Phase I took place primarily in the Northeast; in the first two years of Phase II additional emissions reductions took place in the South and Midwest. There have been no significant geographic shifts in emissions since 1990.



occurred predominantly in the Northeastern U.S. during Phase I; in Phase II, NO_X reductions are geographically more extensive and occur in a larger number of Southern and Midwestern states.

In several states, average NO_X emissions during Phase I were higher than they had been in 1990. This is due to the large number of Phase II sources in these states that were not required to control NO_X emissions until 2000. In the 2000-2001 period (Phase II) emissions in these states have declined to levels below what was emitted in 1990. There are also several states where average Phase II NO_X emissions were higher than emissions in 1990 and/or the Phase I average. This is because while the Acid Rain Program limits the rate at which coal-fired power plants may emit NO_X, it does not limit total emissions of NO_X the way total emissions of SO_2 are limited. Since heat input (or fuel use) increased in those states, overall NO_X emissions also increased.

As illustrated in Figure 16, in 1990, the highest NO_X emissions occurred in the Midwestern and Southern regions of the U.S. By 2001, emissions in many of these states had been significantly reduced from 1990 levels. The states with the highest emissions in 1990 (Ohio, Texas, and Pennsylvania), achieved an average reduction of 40% (38%, 31%, and 52%, respectively) in 2001. Other states in the region are showing similar trends since 1990. NO_X emissions decreased 27% in Indiana, 33% in Kentucky, 34% in Tennessee, and 39% in West Virginia.

Monitoring Results

The Acid Rain Program relies on several types of monitoring to implement and assess the effectiveness of Title IV. Each affected source is required to install and maintain Continuous Emissions Monitoring Systems (CEMS) or approved compatible alternatives to accurately measure the amount of SO_2 and NO_X emitted. The Acid Rain Program also assesses the results of the emissions reductions by collaborating with other organizations to measure acid deposition nationwide. Wet acid deposition is monitored by the National Atmospheric Deposition Program (NADP). Dry deposition is monitored by the Clean Air Status and Trends Network (CASTNet). The impacts of acid deposition on lakes and streams are monitored by the Long-Term Monitoring (LTM) and Temporally-Integrated Monitoring of Ecosystems (TIME) ecological monitoring programs.

Emissions Monitoring

Emissions monitoring is necessary in order to verify the reductions of SO_2 and NO_X emissions mandated under the Act and to support the SO_2 allowance trading program. A fundamental objective of the Acid Rain Program is to ensure consistent and accurate accounting of emissions from all affected boilers and turbines. To implement this objective, concentrations and mass emissions of SO_2 and NO_X from each affected unit are measured and recorded using Continuous Emissions Monitoring Systems (CEMS) or an approved alternate measurement method and reported to EPA on a quarterly basis. Daily, quarterly, and annual quality assurance (QA) tests must be performed by each source to ensure that its monitors continuously meet the high accuracy standards of the Acid Rain Program.

SO_2 mass emissions are determined using CEMS to measure SO_2 concentration and stack gas flow rate. NO_X mass emissions are determined by coupling NO_X concentration data with flow, diluent (i.e., CO_2 or O_2) concentrations, or fuel feed rates. Whatever method is selected, all monitors are required to meet strict initial and on-going performance standards to demonstrate the accuracy, precision, and timeliness of their measurement capabilities. The monitors used in the Acid Rain Program have achieved an unparalleled level of performance with respect to all of these criteria.

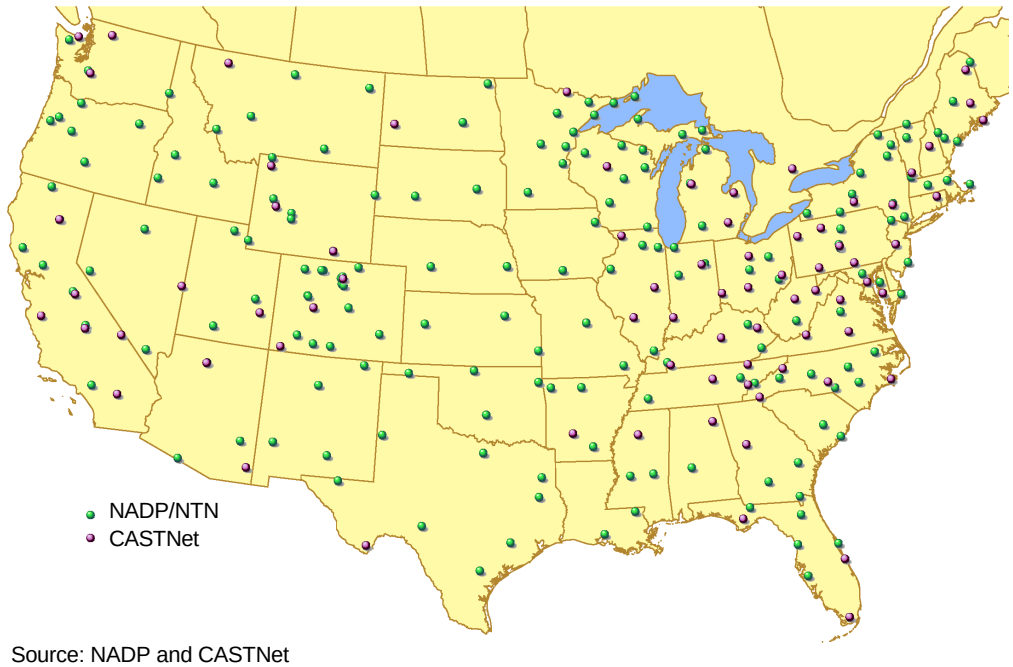
One measure of the accuracy of a CEMS is the relative accuracy test audit (RATA), which is required for initial certification of a CEMS and on at least an annual basis thereafter. The RATA ensures that the installed monitor measures the "true" value of a pollutant by comparing the monitor to a reference method which simultaneously measures the stack gas pollutant. All monitoring systems

must meet a relative accuracy standard allowing no more than ten percent deviation from the true value in order to continue to be used for emissions reporting. Further, if the CEMS is biased low compared to the true value, a bias adjustment factor must be applied to all future data from that monitoring system to ensure there is no underreporting. This "self correcting" provision, coupled with daily quality assurance testing requirements, creates a strong disincentive to allowing any deterioration in monitor performance.

In 2001, data submitted on monitoring systems indicate that over 96% of the SO_2 concentration monitors and 99% of all flow monitors met this relative accuracy standard. In fact, most sources achieved much better results as the median relative accuracies for all of these monitors were 3% and 2.5%, respectively.

Air Quality and Deposition in 2001

The Acid Rain Program also works with many partners to monitor the effects of emissions changes on air quality, deposition of pollutants, and water quality. The National Atmospheric Deposition Program (NADP) is a nationwide network of precipitation monitoring sites designed to measure regional levels of atmospheric deposition. The network is a consortium of many different groups, including universities, state, local and federal government agencies, and other interested partners. The NADP National Trends Network (NADP-NTN) measures wet acid deposition (deposition that occurs in rain, snow, or sleet) weekly at about 250 monitoring stations throughout the U.S. The data are subject to strict quality assurance



Source: NADP and CASTNet

Figure 19. Location of NADP/NTN and CASTNet Deposition Monitoring Sites, 2001

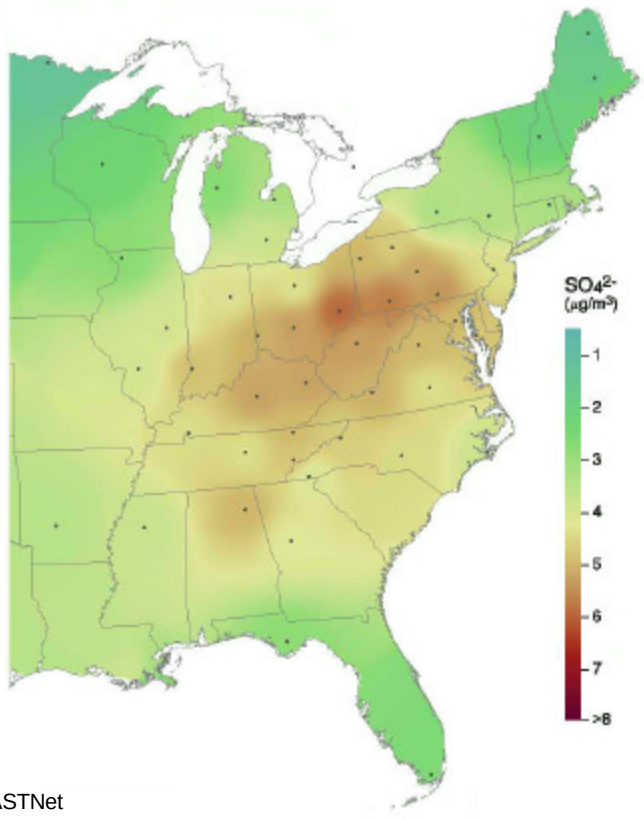
NADP/NTN has monitoring sites throughout the country; CASTNet is concentrated in the East and has not yet completed its expansion into the Great Plains and Western states.

and completeness screening in the field, in the laboratory, and during analysis. All NADP data can be accessed online from the NADP website at *http://nadp.sws.uiuc.edu/*. The Clean Air Status and Trends Network (CASTNet) is a nationwide network of over 70 sites that measures ambient air concentrations of pollutants, including ozone. CASTNet also measures dry deposition (the process through which particles and gases are deposited in the absence of precipitation) of acidic compounds. CASTNet data are also subject to strict quality assurance and completeness criteria. Figure 19 displays a map of the NADP-NTN and CASTNet deposition monitoring sites (the dots on the maps in Figures 20, 21, and 22 also indicate the location of monitoring sites). All CASTNet data can be accessed online from the CASTNet website at *http://www.epa.gov/castnet*.

Figure 20 shows the sulfate (SO_4^{2-}) concentrations (a primary component of fine particles in the Eastern U.S.) in the atmosphere. Concentrations are highest in the Midwest, mid-Atlantic, and parts of the South. Figure 21 shows the wet sulfate and total (wet and dry) sulfur deposition in the continental U.S. during 2001. Wet sulfate deposition is highest in the Midwest. Total sulfur deposition is highest in the Eastern U.S. Most sites in the Eastern U.S. have a dry/wet ratio of about 1:1, meaning that wet and dry deposition make up roughly equal portions of the total deposition amount. In general, dry deposition is a larger percentage of total deposition in those areas nearest to SO_2 emission sources.

Figure 20. Eastern Regional Air Quality, 2001: Sulfate Concentrations

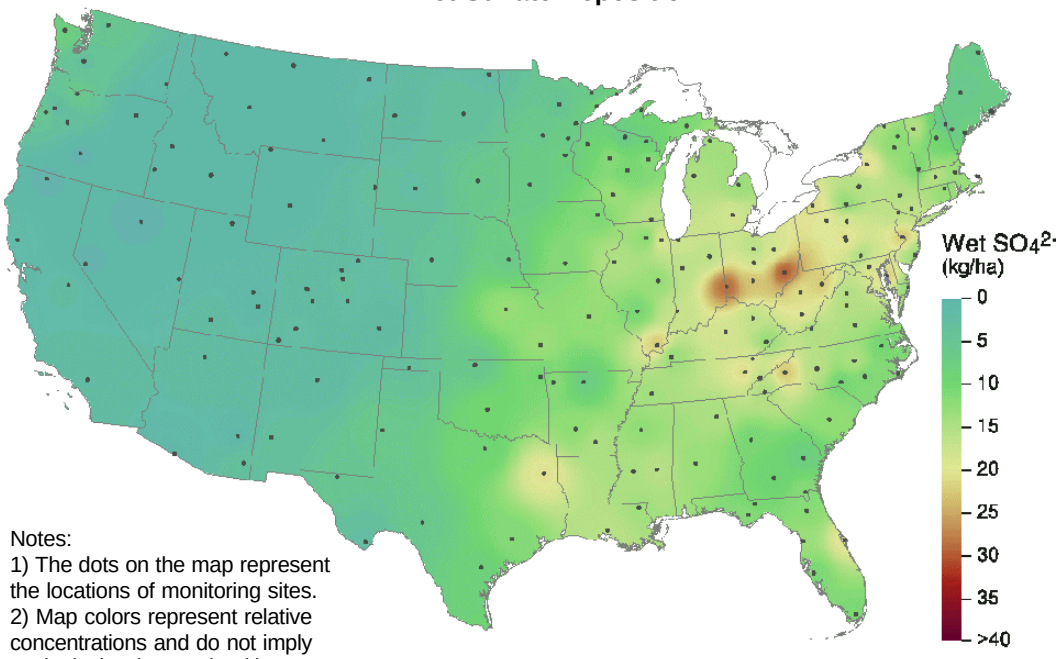
The highest regional concentrations of sulfate (SO_4^{2-}) in the atmosphere are in or downwind of the areas where SO_2 emissions are highest.



Source: CASTNet

Notes:
1) Data are presented for the Eastern U.S. only because there are not enough. CASTNet monitoring sites in the West to support this type of analysis.
2) The dots on the map represent the locations of monitoring sites.
3) Map colors represent relative concentrations and do not imply ecological or human health status.

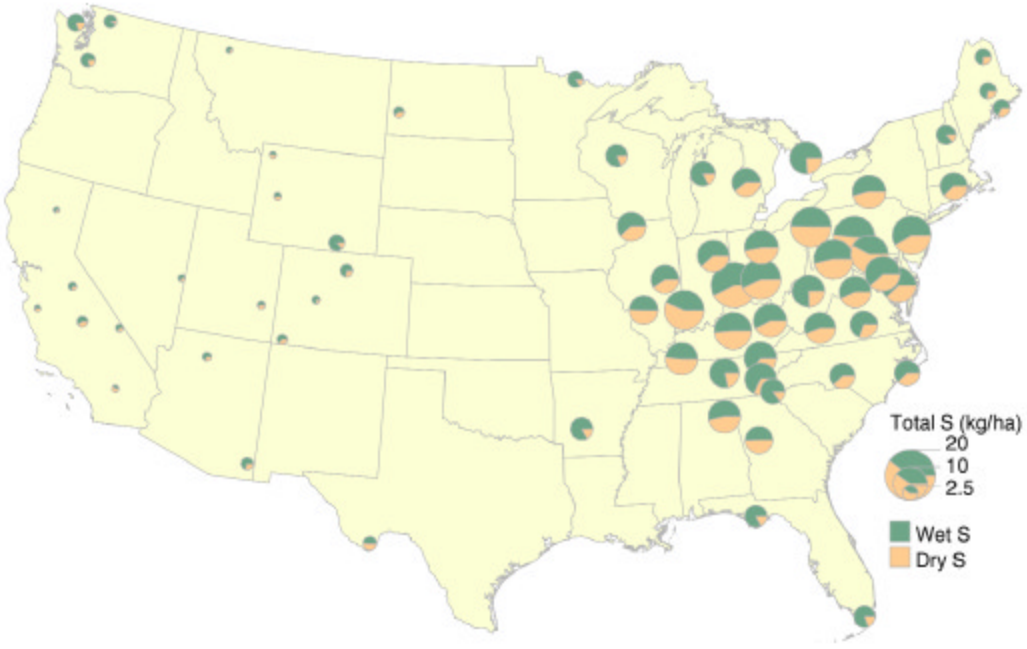
Wet Sulfate Deposition



Notes:
1) The dots on the map represent the locations of monitoring sites.
2) Map colors represent relative concentrations and do not imply ecological or human health status.

Source: NADP

Total Sulfur Deposition



Note: The size of the "pies" indicates the total magnitude of deposition; the colors indicate the percentage of wet and dry deposition.

Source: CASTNet

Figure 21. Sulfur Deposition, 2001: Wet Sulfate and Total Sulfur Deposition

The highest levels of wet sulfate (SO_4^{2-}) deposition are in the areas where emissions are highest and in areas downwind.

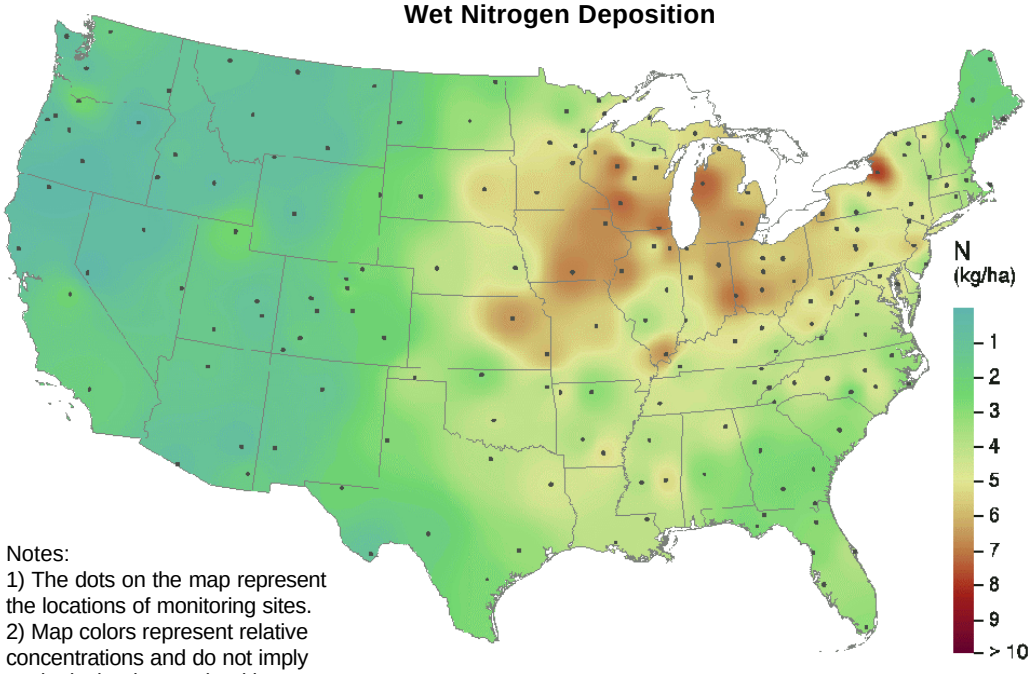
Wet and dry sulfur (S) deposition make up roughly the same percentage of total sulfur deposition in the Midwest; in most other areas wet deposition makes up a greater percentage of the total.

Figure 22. 2001 Nitrogen Deposition: Wet and Total Nitrogen Deposition

The highest levels of wet nitrogen (N) deposition are in the Midwest and in agricultural areas in the Great Plains.

Wet deposition makes up most of the total deposition load at most of the monitoring sites in the Eastern U.S.; in southern California dry deposition makes up a greater percentage of the total.

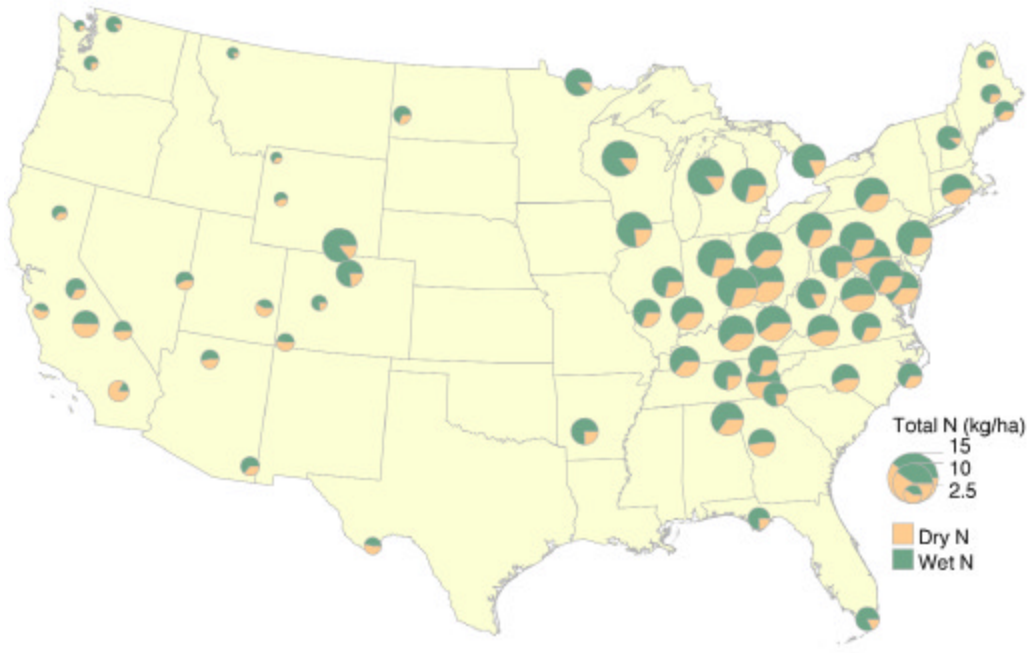
Wet Nitrogen Deposition



Notes:
1) The dots on the map represent the locations of monitoring sites.
2) Map colors represent relative concentrations and do not imply ecological or human health status.

Source: NADP

Total Nitrogen Deposition



Note: The size of the "pies" indicates the total magnitude of deposition; the colors indicate the percentage of wet and dry deposition.

Source: CASTNet

Figure 22 shows the wet and total (wet plus dry) nitrogen (N) deposition in the continental U.S. during 2001. Wet nitrogen deposition is highest in the Midwest and in heavily agricultural areas of the Plains. Total nitrogen deposition is highest in the Eastern U.S., although several monitoring stations in the West also show relatively high levels of total nitrogen deposition. As is the case with sulfur, dry deposition of nitrogen makes up a larger part of the total amount of deposition in those areas nearest to the sources of NO_X emissions. In some areas of southern California, for example, the ratio of dry to wet deposition is approximately 4:1.

Clean Air Mapping and Analysis Program (C-MAP)

EPA has developed a mapping and analysis tool that can help users conduct assessments of regional and national environmental changes. C-MAP takes advantage of geographic mapping techniques to assess the environmental benefits of sulfur dioxide and nitrogen oxide emission reduction programs, including the Acid Rain Program. Using a Geographic Information System (GIS), C-MAP allows users to view a series of national and regional maps in the "Map Gallery" section, and then download the data used to generate the maps in the "GIS Data Download" section. The maps display information showing how changes in emissions result in changes in air quality indicators, acid deposition, and sensitive ecosystems. The GIS database provides an extensive inventory of national/regional level emissions, environmental effects, and demographic data available for download, including air quality, surface water quality, acid deposition, forest health, and sensitive ecosystem data. The data behind many of the graphics in this Progress Report, as well as many of the graphics themselves, are available for download and analysis at *http://www.epa.gov/airmarkets/cmap*.

Freshwater Monitoring

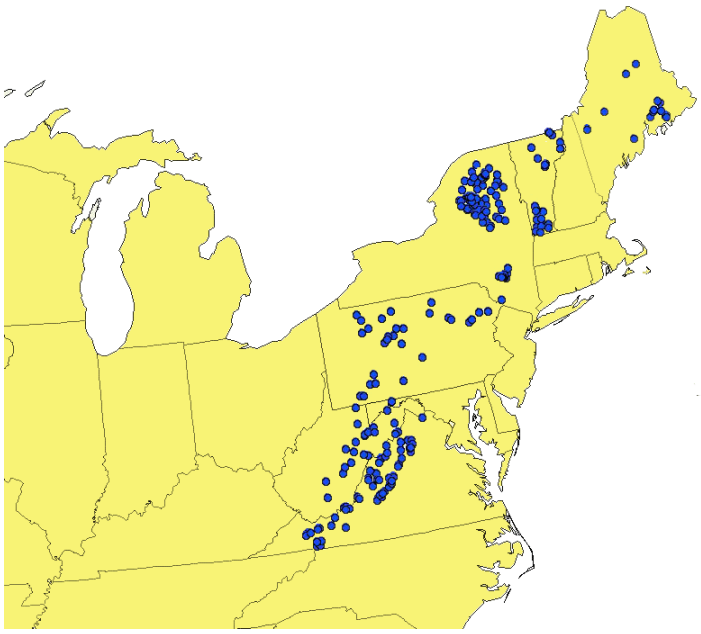
The Temporally Integrated Monitoring of Ecosystems (TIME) and Long-Term Monitoring (LTM) projects were initiated in the early 1990s by EPA's Office of Research and Development to determine whether emissions reductions have had the intended effect of reducing acidity in the environment. Currently all the TIME/LTM sites are in the Northeast and mid-Atlantic (see Figure 23); additional sites in acid sensitive regions of the Southeast and West would make more complete assessments possible. TIME/LTM measures a variety of important chemical characteristics in a regional population of lakes and streams, including acid neutralizing capacity, pH, sulfate, nitrate, several cations (e.g., calcium and magnesium), and aluminum. Its central objectives are to detect trends of these characteristics in regional populations of lakes or streams.

TIME/LTM utilizes a hybrid sampling design. Lakes or streams in the TIME network are measured annually; the results from these sites are used to infer regional changes in chronic acidification. The LTM sites are a non-random group of lakes or streams sampled on a frequent schedule (8-16 times per year) in order to characterize both long-term (over years) and short-term (over weeks) variation in their acid-base chemistry. LTM sites have been chosen to represent the subpopulations of lakes and streams most sensitive to acidic deposition effects.

Researchers use these data to model the episodic behavior of the sites, so that the models can be applied to TIME data. This approach allows the proportion of lakes and streams that undergo episodic acidification (short-term highly acidic pulses) to be estimated as an adjunct to the information on chronic acidification provided by the TIME results. Data collected in this network is used to assess trends in acidification and recovery as shown in Figure 29.

Figure 23. Location of TIME/LTM Surface Water Monitoring Sites

Long-term monitoring sites for acid rain are critical to assess whether lakes and streams are recovering from acidification.



Source: EPA

Environmental Improvement and Trends

The emission reductions achieved under the Acid Rain Program have led to important environmental and public health benefits. These include improvements in air quality with significant benefits to human health, reductions in acid deposition, the beginnings of recovery in surface waters, improvements in visibility, and less damage to forests, coastal waters, and materials and structures.

Improved Air Quality and Reduced Acid Deposition

To evaluate the impact of emissions reductions on the environment, scientists and policymakers use data collected from long-term national monitoring networks such as NADP and CASTNet. Deposition and air quality monitoring data from these and other air quality monitoring networks, such as the Interagency Monitoring of PROtected Visual Environments (IMPROVE) and the State/Local/National Air Monitoring Stations, can be accessed on or through the CASTNet website at *http://www.epa.gov/castnet*.

Data collected from these networks show that the decline in SO_2 emissions from the power industry has decreased acidic deposition and improved air quality. The decline in NO_x emissions has not been as large and the environmental improvements are not as widespread.

Analyses of CASTNet data show that concentrations of SO_2 in the atmosphere have decreased up to 8 micrograms per cubic meter (ug/m$^{3)}$ in the Northeast and mid-Atlantic from 10-20 ug/m^3 in 1990 (see Figure 24). These reductions are primarily due to the significant decrease in SO_2 emissions from power plants under the Acid Rain Program.

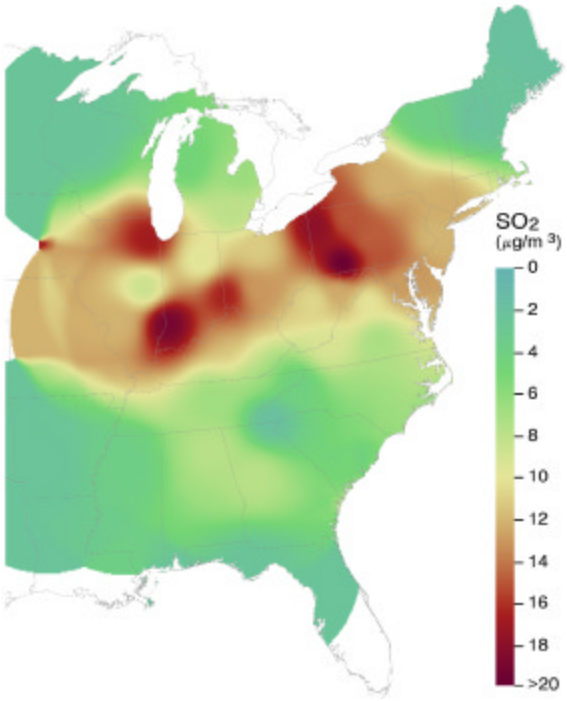
Sulfate concentrations in the atmosphere, a primary component of fine particulate matter in the East, have also decreased significantly since 1990 (see Figure 25). Sulfate concentrations have decreased up to 3 ug/m^3 in most of the Eastern U.S. from levels of 5-8 ug/m^3 in 1990. These reductions are also primarily due to the significant decrease in SO_2 emissions from power plants under the Acid Rain Program.

Wet sulfate deposition has decreased more than 8 kilograms/hectare (kg/ha; 1 kg/ha is equivalent to 0.89 pounds/acre) from 30-40 kg/ha/year in 1990 in much

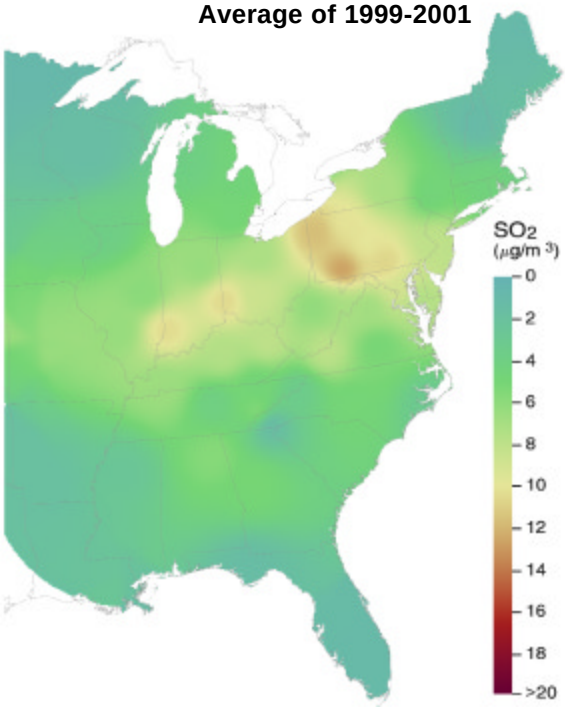
Figure 24. Trends in Sulfur: Average Yearly Sulfur Dioxide Concentrations, 1989-91 vs. 1999-2001

Sulfur dioxide (SO_2) concentrations have decreased substantially in most of the Midwest and Northeast since 1989-1991.

Sulfur Dioxide Concentration
Average of 1989-1991



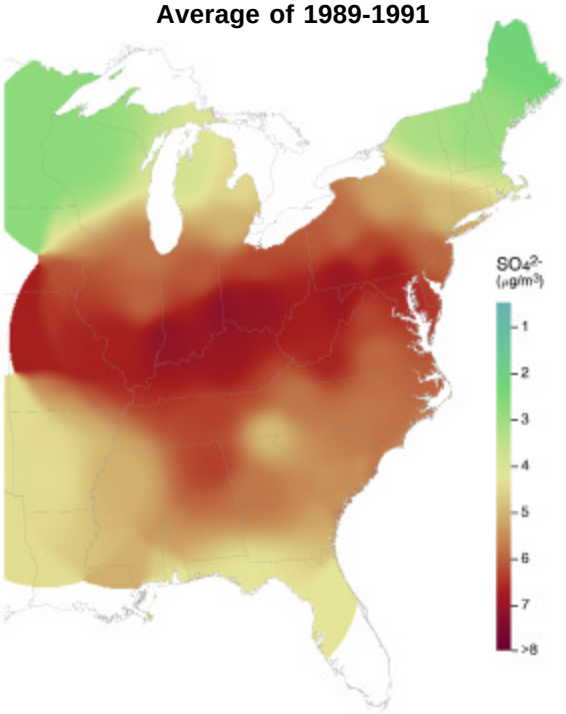
Sulfur Dioxide Concentration
Average of 1999-2001



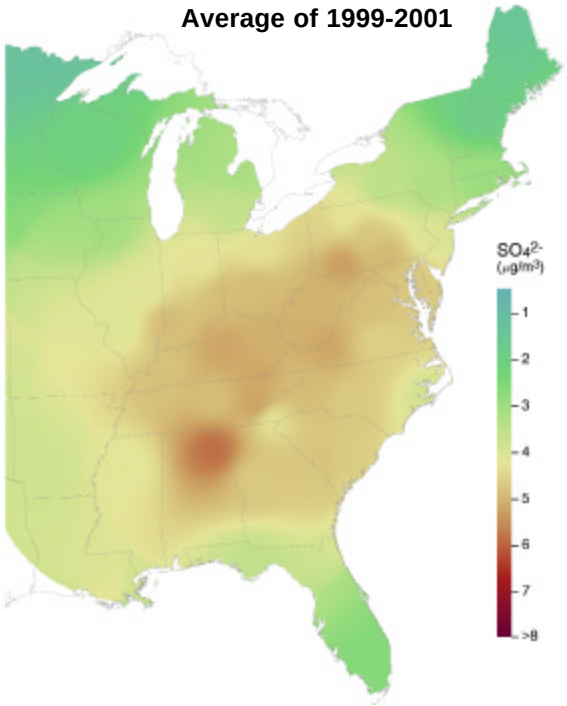
Source: CASTNet

Notes:
1) Data is presented for the Eastern U.S. only because there are not enough CASTNet monitoring sites in the West to support this type of analysis.
2) Map colors represent relative concentrations and do not imply ecological or human health status.

Sulfate Concentration Average of 1989-1991



Sulfate Concentration Average of 1999-2001



Source: CASTNet

Notes:
1) Data is presented for the Eastern U.S. only because there are not enough CASTNet monitoring sites in the West to support this type of analysis.
2) Map colors represent relative concentrations and do not imply ecological or human health status.

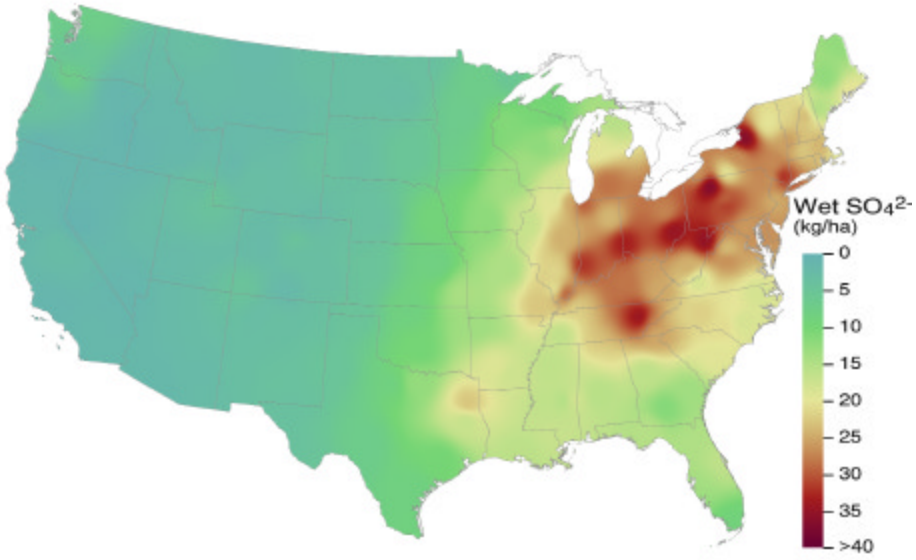
Figure 25. Trends in Sulfur: Average Yearly Sulfate Concentrations, 1989-91 vs. 1999-2001

Sulfate (SO_4^{2-}) concentrations in air, a primary component of fine particles in the East, have decreased substantially in most of the East since 1989-1991.

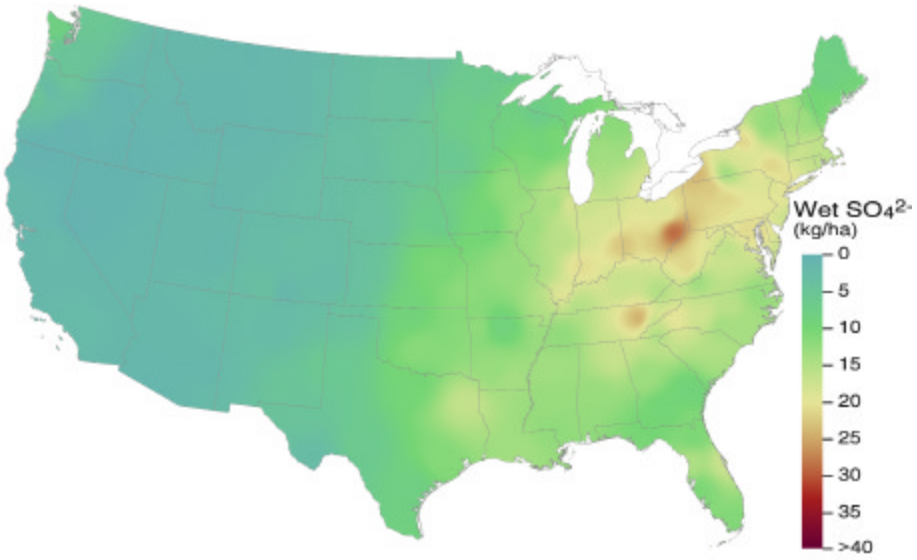
Figure 26. Trends in Sulfur: Average Yearly Wet Sulfate Deposition, 1989-91 vs. 1999-2001

Wet sulfate (SO_4^{2-}) deposition has decreased substantially throughout the Midwest and Northeast since 1989-1991.

Wet Sulfate Deposition
Average of 1989-1991



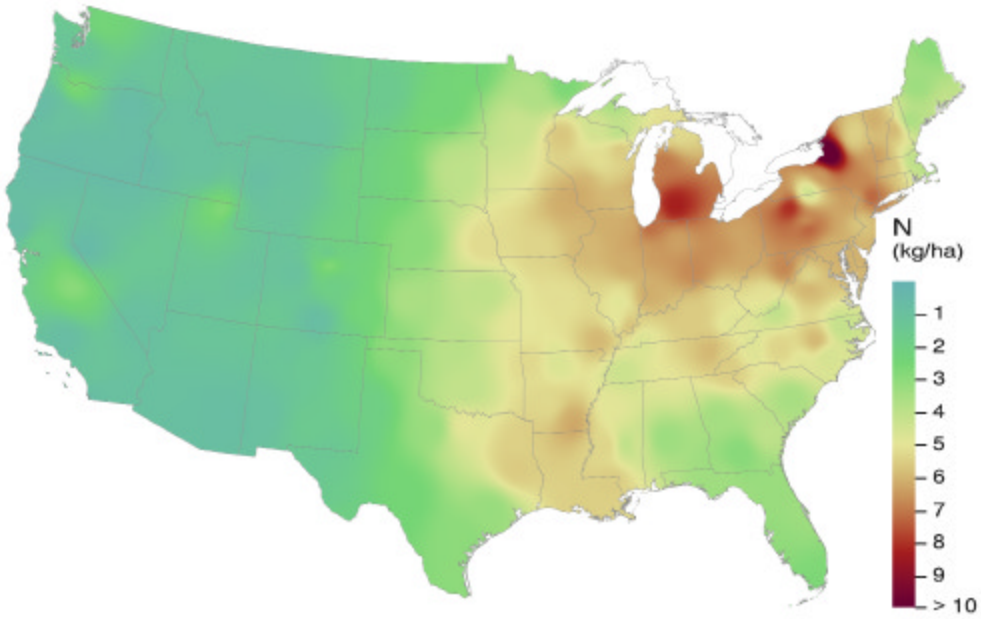
Wet Sulfate Deposition
Average of 1999-2001



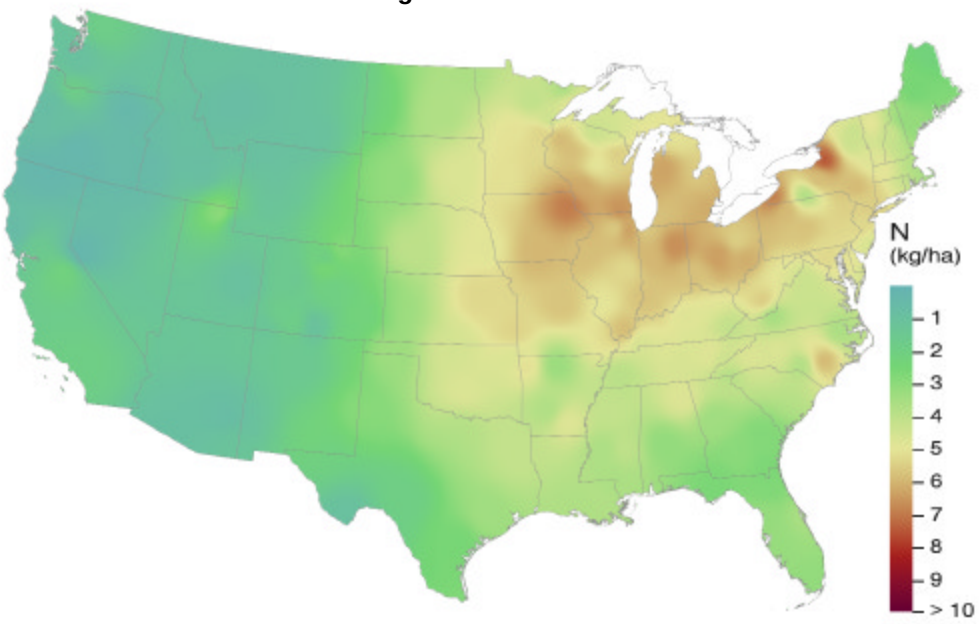
Source: NADP

Note: Map colors represent relative concentrations and do not imply ecological or human health status.

Wet Nitrogen Deposition
Average of 1989-1991



Wet Nitrogen Deposition
Average of 1999-2001



Source: NADP

Note: Map colors represent relative concentrations and do not imply ecological or human health status.

Figure 27. Trends in Nitrogen: Average Yearly Wet Nitrogen Deposition and Nitric Acid Concentrations, 1989-91 vs. 1999-2001

Nitrogen (N) deposition decreased slightly in areas of the Eastern U.S. since 1990; increases occurred in areas with significant agricultural activity (e.g., the Plains and coastal North Carolina).

of the Ohio River Valley and Northeastern U.S. (see Figure 26). The greatest reductions have occurred in the mid-Appalachian region. Important reductions have also occurred in the Northeast, portions of the southern Appalachians, and the Midwest.

There have been no dramatic regional changes in wet nitrate deposition (see Figure 27). This reflects the fact that total nitrogen emissions from sources other than power plants (e.g., automobiles, trucks, non-road vehicles, and agricultural activities) have increased since 1990. Wet nitrate deposition has in fact increased up to 3 kg/ha in many areas since 1990. These increases occurred in the Plains and eastern North Carolina, where there is significant agricultural activity, and in southern California where motor vehicles are the predominant source of NO_x emissions.

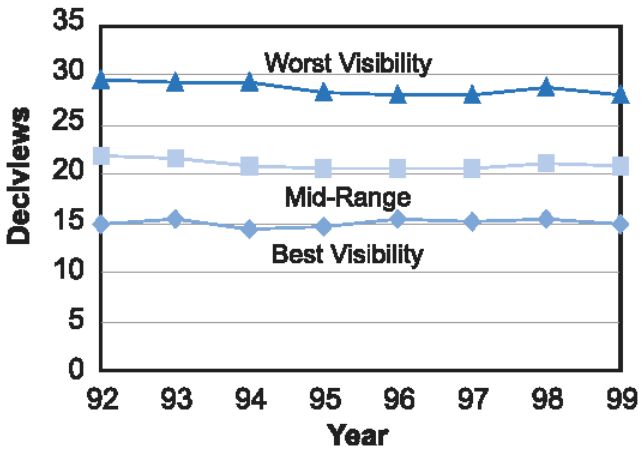
Visibility

In the atmosphere, SO_2 and NO_x gases are transformed into fine particles of sulfates and nitrates. Sulfate and nitrate particles scatter and absorb light, impairing visibility and contributing to haze. In the East, sulfate particles account for more than 50 percent of visibility impairment. The haziest days in the East reduce the visual range to 20-24 km (12-15 miles). The visual range under naturally-occurring conditions is 128-144 km (77-86 miles).

The Interagency Monitoring of PROtected Visual Environments (IMPROVE) network monitors visibility in the nation's national parks and wilderness areas. From 1992-1999, visibility in the ten eastern Class I area trend sites improved 1.5

Figure 28. Trends in Visibility in the Eastern U.S. Class 1 Areas

Although visibility has only improved slightly in the Eastern U.S. since the early 1990s, significant visibility benefits are expected when the Acid Rain Program is fully implemented.



Worst visibility range is 20-24 km
Mid-range visibility is 44-50 km
Best visibility range is 83-94 km

Source: *Latest Findings on National Air Quality: 2000 Status and Trends, EPA 2001*

deciviews since 1992 on the haziest days (see Figure 28). A deciview is a measure of human perception of visibility; an improvement of 1 deciview is a perceptible change. On typical days in the East, visibility improved 1 deciview since 1992. Visibility in the East is still significantly impaired in national parks and wilderness areas, especially on the haziest days. Further reductions in fine particle concentrations will be necessary to restore visibility to natural levels.

Human Health Benefits

SO_2 and NO_X emissions react in the atmosphere to form fine particles and ozone. These gases and fine particles are associated with a number of significant health effects in sensitive populations. High SO_2 concentrations can result in temporary breathing impairments in sensitive populations, including asthmatics and those who are active outdoors. A large number of epidemiological studies over the past 10-20 years show an association between ambient fine particle concentrations and health effects, such as increased numbers of hospital admissions and emergency room visits for heart and lung disease, increased incidences of respiratory disease and symptoms (such as asthma), decreased lung function, and even premature death. Children, the elderly, and individuals with existing cardiovascular or lung conditions, such as asthma, are especially vulnerable to the effects of particles. The Acid Rain Program has reduced the amount of fine particles in the air (see Figure 25) by lowering SO_2 and NO_X emissions, achieving significant human health benefits nationwide. It is expected that the Acid Rain Program will achieve further benefits as SO_2 emissions continue to decrease to the level of the cap.

NO_X emissions react with volatile organic compound gases in the atmosphere in the presence of sunlight to form ozone. The scientific literature shows associations between ozone and a number of effects on the respiratory system, including aggravation of asthma, increased susceptibility to respiratory illnesses like pneumonia and bronchitis, and permanent lung damage. Children, the elderly, people with existing respiratory problems, and those exercising or working outside during the ozone season are most vulnerable to the health effects of ozone. Additional health benefits have been achieved under the Acid Rain Program due to NO_X reductions that reduce ozone concentrations.

Ecological Effects of Reduced Acid Deposition

Freshwater

Acid deposition causes acidification of surface waters. In the 1980s, acid rain was found to be the dominant cause of acidification in 75% of the acidic lakes and 50% of acidic streams. Areas especially sensitive to acidification include portions of the Northeast (particularly Maine and the Adirondack and Catskill Mountains) and Southeastern streams. Some high elevation Western lakes, particularly in the Rocky Mountains, have become acidic, especially during snowmelt. However, although many Western lakes and streams are sensitive to acidification, they are not subject to continuously high levels of acid deposition and so have not become chronically acidified.

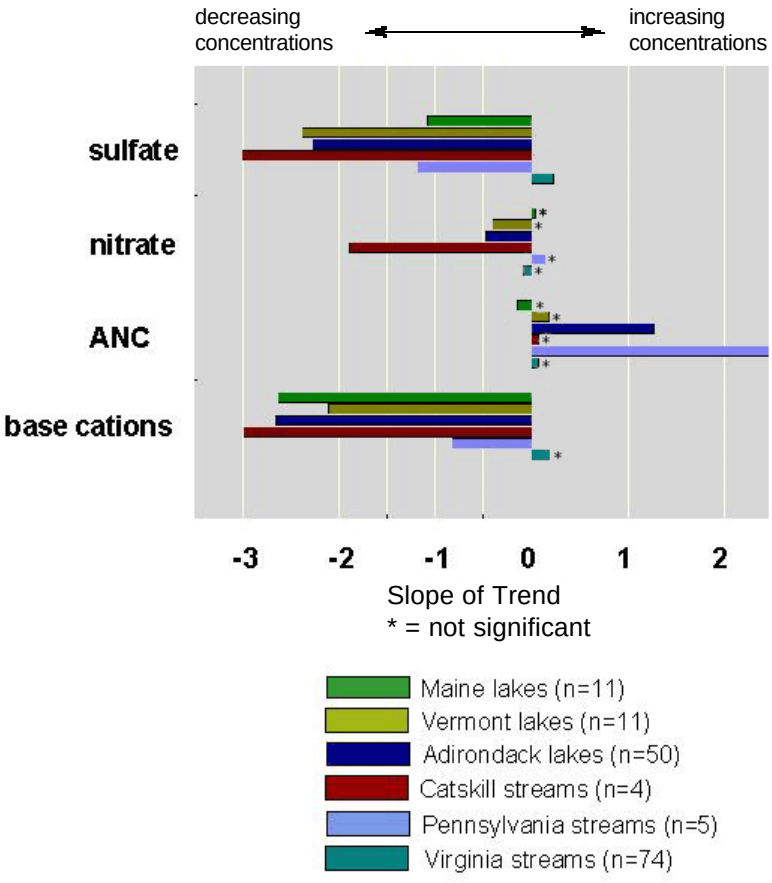
Whether surface waters can resist acidification depends on the ability of the water and watershed soil to neutralize the acid deposition it receives. This quality, called Acid Neutralizing Capacity (ANC), depends largely on the watershed's physical characteristics such as geology, soils, and size. Waters that are sensitive to acidification tend to be located in small watersheds that have few alkaline minerals and shallow soils. Conversely, watersheds that contain alkaline minerals, such as limestone, tend to have waters with a high ANC.

As acidity increases, aluminum leached from the soil flows into lakes and streams and can be toxic to aquatic species. The lower pH levels and higher aluminum levels that result from acidification can make it difficult for fish and other aquatic species to grow, reproduce, and survive. In some waters, the number of species of fish able to survive has been directly correlated to water acidity. Acidification can also decrease fish population density and individual fish size.

Figure 29 indicates that since the beginning of the Acid Rain Program, sulfate concentrations in lakes and streams have declined significantly in all monitored regions of the Eastern United States, except Virginia. The type of soils present in

Figure 29. Trends in Acidity of Sensitive Waters, 1990-2000

In Pennsylvania and the Adirondacks, acid neutralizing capacity (ANC) has begun to increase, an indication of the beginning of recovery.



Source: *Recovery of Surface Water Chemistry in the Northern and Eastern U.S.: Effectiveness of the Clean Air Act Amendments of 1990, EPA/620/R-02/004*

Virginia make decreases in sulfate concentrations there unlikely for some time. Nitrate concentrations have decreased significantly in the Catskills, Adirondacks, and Vermont since 1990. Recovery, as shown by increasing Acid Neutralizing Capacity (ANC), is occurring, especially in the Adirondacks and Pennsylvania. In several regions, including the Adirondacks, recovery has begun in the past few years (circa 1995). However, levels of base cations, including calcium, magnesium, and potassium, are not increasing; in fact, they are decreasing. This reduction in base cation levels over the same period is believed to slow the onset of recovery. The sulfate reductions achieved by the Acid Rain Program are projected to spur the recovery of lakes and streams in the East.

In spite of declining sulfate concentrations, some lakes and streams have been slow to recover. Their recovery is slowed by continuing acid deposition, the presence of nitrate in surface waters, the loss of the soil's ability to neutralize excess acidity, the contribution of naturally occurring acid sources, and a lengthy lag time between deposition reduction and ecosystem recovery.

Full recovery of damaged watersheds will be a lengthy process, especially since acidic deposition is still occurring, albeit to a lesser extent. Although conditions would have been worse without the Acid Rain Program, full recovery of some surface waters requires additional reductions in sulfur and nitrogen emissions.

Forests

Acid deposition, especially combined with other pollutants and natural stresses, can also damage forest ecosystems. Sulfates and nitrates from acid deposition leach nutrients from forest soils, reducing the forest's capacity to buffer further acidification and removing elements essential for tree growth. Acidification also leads to the mobilization of naturally-occurring aluminum, which may interfere with the uptake of calcium by roots in forest soils. In addition, exposure to tropospheric ozone (a product of NO_X emissions) has direct toxic effects on plant leaves. The combined effects of depletion of soil nutrients, mobilization of aluminum, and exposure to ozone make trees more susceptible to drought, temperature extremes, and diseases.

There is currently less stress on forest ecosystems compared to what it would have been without the Acid Rain Program. The timeframe for full recovery, however, is uncertain. Leached nutrients must first be restored through weathering of the bedrock and soilwater aluminum concentrations must be reduced. Even after soil chemistry is restored, full recovery of sensitive forests is not expected to occur for decades because of the extensive recovery time of trees and the time required to re-establish forest floor ecosystems (soil biota, microbes, and roots).

Coastal Waters

The nitrogen component of acid deposition is a significant source of nitrogen to many estuaries and coastal waters in the Eastern U.S. Excessive nitrogen loads from a variety of sources, including atmospheric deposition, causes many of

those estuaries and coastal waters to periodically become eutrophic. Eutrophic conditions include algal blooms (some of which may be harmful) and low levels of dissolved oxygen in the water (hypoxia or anoxia) which can stress or kill fish and shellfish.

The Acid Rain Program has reduced nitrogen deposition in some places compared to what it would have been without Title IV (see Figure 27). However, in many sensitive coastal waters there has been little or no reduction in nitrogen deposition since 1990. Additional reductions from the power generation sector, as well as reductions from other atmospheric sources of nitrogen, such as automobiles and trucks, and other land-based sources such as septic systems and urban runoff, may be needed before coastal waters can recover from eutrophication.

Materials and Structures

SO_2, NO_X, and many of the pollutants they form can also corrode materials, particularly those made of limestone or marble. Monuments and historic buildings, outdoor structures such as bridges and buildings, and automotive paints and finishes are all susceptible to damage by acidic pollutants. Studies have shown that air pollution has been responsible for more deterioration of carbonate buildings and statues than other weathering processes. Structures made of limestone and marble are particularly sensitive to acidic deposition. Most damage appears to come from dry deposition. However, in rural areas and in areas where buildings and monuments remain wet for long periods of time, wet deposition can be a significant or primary cause of damage.

Weathering due to acid deposition may harm cultural assets (e.g., statues and monuments) more than purely operational resources (e.g., bridges and buildings). This is because the appearance of cultural resources, where much of their value lies, is particularly vulnerable to damage. There are also historic and emotional values attached to cultural assets, which increase the value of their preservation. The Acid Rain Program has reduced the risk of damage to sensitive buildings and materials by reducing the amount of SO_2 and NO_X emitted into the atmosphere and the amount of dry sulfur deposition reaching sensitive structures. Therefore, on-going monetary costs and cultural losses due to acid gases, particles, and deposition are also expected to be declining under Title IV.

Summary

The Acid Rain Program continued to be successful in substantially reducing emissions of SO_2 and NO_x from electric power plants during the second year of Phase II. Sources continue to close in on the goal of reducing power plant SO_2 emissions from 1980 levels by 50% (8.5 million tons) in 2010 as required by the 1990 Clean Air Act. Sources have also exceeded the goal of a two million ton reduction in NO_x emissions from projected 2000 levels as required by the 1990 Clean Air Act.

Sources in both the more conventional NO_x program and the cap and trade approach for SO_2 have demonstrated a high level of compliance and their efforts have achieved measurable environmental results. The flexibility for sources inherent in the cap and trade approach has been successful at reducing compliance costs and has not resulted in any significant geographic shifts in SO_2 emissions.

The Acid Rain Program has:

Established and maintained a robust infrastructure to ensure compliance with the program and expanded our ability to assess its environmental benefits, including:

- A sound compliance tracking system;
- A high quality emissions monitoring system at every source;
- An expanded national dry deposition monitoring network to complement the nationwide wet deposition monitoring network.

Reduced emissions of SO_2 and NO_x substantially from the power generation sector at a significantly lower cost than expected:

- In 2001, SO_2 emissions were 10.6 million tons, 33% lower than 1990 emissions and 5% lower than 2000 emissions.
- In 2001, NO_x emissions were 4.10 million tons, 25% lower than 1990 emissions and 8% lower than 2000 emissions.

Contributed to measurable improvements in air quality, reductions in deposition, and recovery of acid-sensitive waters:

- SO_2 concentrations in the atmosphere (a precursor to fine particles and acid deposition) have decreased since 1990. In 2001, concentrations in the Northeast and Mid-Atlantic were 8-12 ug/m^3, as much as 8 ug/m^3 lower than in 1990.
- Sulfate concentrations in the atmosphere (a major component of fine particles, especially in the East) have decreased since 1990. In 2001, concentrations in most of the East were 2-3 ug/m^3, as much as 3 ug/m^3 lower than in 1990.

- Wet sulfate deposition, a major component of acid rain, has also decreased since 1990. In 2001, deposition in the Northeast and Midwest was 20-30 kg/ha/yr, as much as 12 kg/ha/yr lower than it was in 1990.
- Wet nitrate deposition has not decreased regionally because of the relatively small NO_X reduction from power plants and the large contribution from other sources of NO_X.
- Visibility has improved in the Eastern U.S.
- Acid neutralizing capacity, a major indicator of recovery in acidified lakes and streams, is beginning to rise in streams in the Northeast, including the Adirondacks. This is an indicator that recovery from acidification is beginning in those areas.
- Reductions in fine particles due to reductions in emissions of SO_2 and NO_X are expected to continue to benefit human health by reducing the incidence of respiratory and cardiovascular illnesses.

For more information on the EPA Acid Rain Program, visit our website at *http://www.epa.gov/airmarkets*. For additional detailed emissions data see *http://www.epa.gov/airmarkets/emissions/index*.

For Further Information

The following publications are suggested as a starting point for those who want additional information on any of the topics discussed in this Progress Report. Additional information on emissions, air quality and deposition trends can be found at *http://www.epa.gov/airtrends* and *http://www.epa.gov/castnet*. Additional published scientific literature on emissions trading, acid rain, and benefits assessments can be found at *http://www.epa.gov/airmarkets/articles/index*.

Emissions and Air Quality

A Ten-Year Spatial and Temporal Trend of Sulfate Across the United States, Malm, Schichtel, Ames and Gebhart, Journal of Geophysical Research-Atmospheres, *in press*

Latest Findings on National Air Quality: 2000 Status and Trends, EPA 2001
EPA 454/K-02-001

National Air Quality and Emissions Trends Report, 1999
EPA 454/R-01-004

Environmental Effects of Acid Rain

Acidic Deposition in the Northeastern United States, BioScience 51(3):180-198, 2001

National Acid Precipitation Assessment Program Biennial Report to Congress: an Integrated Assessment, National Science and Technology Council Committee on Environment and Natural Resources, 1998

Recovery of Surface Water Chemistry in the Northern and Eastern U.S.: Effectiveness of the Clean Air Act Amendments of 1990, Stoddard, J. L., J. S. Kahl, F. A. Deviney, D. R. DeWalle, D. C.T., A. T. Herlihy, J. H. Kellogg, P. S. Murdoch, J. R. Webb, and K. E. Webster, *in press*

Health Benefits Assessment

Reanalysis of the Harvard Six Cities Study and the American Cancer Society Study of Particulate Air Pollution and Mortality; Health Effects Institute, 2000

Air Quality Criteria for Particulate Matter, volumes I-III, EPA 1996
EPA /600/P-95/001af-cf

Human Health Benefits from Sulfate Reduction Under Title IV of the 1990 Clean Air Act Amendments, EPA 1995
EPA 430-R-95-010

Office of Air and Radiation
Clean Air Market Programs
EPA-430-R-02-009
1200 Pennsylvania Ave, NW
(6204N)
Washington, DC 20460
www.epa.gov/airmarkets
November 2002

APPENDIX A: ACID RAIN PROGRAM - YEAR 2001 SO2 ALLOWANCE HOLDINGS AND DEDUCTIONS

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2001 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2002	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2002
AL	Barry	3	CS0AAN (1, 2, 3)				
AL	Barry	3	1	3,882	6,030	5,743	287
AL	Barry	3	2	4,292	5,740	5,445	295
AL	Barry	3	3	8,811	12,476	11,882	594
AL	Barry	3	4	10,051	16,658	15,865	793
AL	Barry	3	5	24,836	28,310	26,957	1,353
AL	Barry	3	6A	0	23	3	20
AL	Barry	3	6B	0	23	3	20
AL	Barry	3	7A	0	23	3	20
AL	Barry	3	7B	0	22	2	20
AL	Charles R Lowman	56	1	1,853	8,463	3,655	4,808
AL	Charles R Lowman	56	2	7,026	6,893	6,643	250
AL	Charles R Lowman	56	3	5,895	6,678	6,428	250
AL	Chickasaw	5	110	111	222	0	222
AL	Colbert	47	CSCO14 (1, 2, 3, 4)				
AL	Colbert	47	1	5,854	16,569	5,708	10,861
AL	Colbert	47	2	6,602	20,997	5,369	15,628
AL	Colbert	47	3	6,641	19,376	5,002	14,374
AL	Colbert	47	4	6,646	21,465	5,653	15,812
AL	Colbert	47	5	16,033	71,031	41,270	29,761
AL	E C Gaston	26	CS0CAN (1, 2)				
AL	E C Gaston	26	1	7,805	21,595	17,296	4,299
AL	E C Gaston	26	2	7,996	26,198	18,410	7,788
AL	E C Gaston	26	CS0CBN (3, 4)				
AL	E C Gaston	26	3	7,896	27,374	19,065	8,309
AL	E C Gaston	26	4	8,313	24,383	15,129	9,254
AL	E C Gaston	26	5	25,805	54,782	50,265	4,517
AL	Gadsden	7	1	1,957	5,143	4,898	245
AL	Gadsden	7	2	2,024	3,780	3,600	180
AL	General Electric Company	7698	CC1	0	8	2	6
AL	Gorgas	8	5	1,756	3,512	0	3,512
AL	Gorgas	8	CS0DAN (6, 7)				
AL	Gorgas	8	6	3,036	9,392	8,945	447
AL	Gorgas	8	7	3,139	6,170	5,780	390
AL	Gorgas	8	8	4,759	7,211	6,894	317
AL	Gorgas	8	9	4,747	7,775	7,342	433
AL	Gorgas	8	10	22,443	30,793	29,328	1,465
AL	Greene County	10	1	8,488	21,936	20,891	1,045
AL	Greene County	10	2	7,923	23,078	21,980	1,098
AL	Greene County	10	CT2	0	59	25	34
AL	Greene County	10	CT3	0	70	22	48
AL	Greene County	10	CT4	0	58	25	33
AL	Greene County	10	CT5	0	75	36	39
AL	Greene County	10	CT6	0	70	28	42
AL	Greene County	10	CT7	0	52	31	21
AL	Greene County	10	CT8	0	79	27	52
AL	Greene County	10	CT9	0	53	27	26
AL	Greene County	10	CT10	0	51	25	26
AL	Hog Bayou Energy Center	55241	COG01	0	1	1	0
AL	James H Miller Jr	6002	1	14,217	12,556	9,612	2,944
AL	James H Miller Jr	6002	2	17,769	15,317	12,242	3,075
AL	James H Miller Jr	6002	3	17,422	16,797	13,651	3,146
AL	James H Miller Jr	6002	4	8,049	15,180	12,110	3,070

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2001 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2002	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2002	
AL	McIntosh (7063)	7063	**1	938	31	0	31	
AL	McIntosh (7063)	7063	**2	0	11	1	10	
AL	McIntosh (7063)	7063	**3	0	11	1	10	
AL	McWilliams	533	**4	844	11	1	10	
AL	McWilliams	533	**V1	0	10	0	10	
AL	McWilliams	533	**V2	0	10	0	10	
AL	Theodore Cogeneration	7721	CC1	0	24	4	20	
AL	Washington County Cogen (Olin)	7697	CC1	0	23	3	20	
AL	Widows Creek	50	CSWC16 (1, 2, 3, 4, 5, 6)					
AL	Widows Creek	50	1	3,340	4,133	3,271	862	
AL	Widows Creek	50	2	3,212	5,370	4,573	797	
AL	Widows Creek	50	3	3,356	4,334	3,480	854	
AL	Widows Creek	50	4	3,454	4,271	3,941	330	
AL	Widows Creek	50	5	3,565	5,520	5,219	301	
AL	Widows Creek	50	6	3,279	5,582	4,739	843	
AL	Widows Creek	50	7	7,805	12,620	9,717	2,903	
AL	Widows Creek	50	8	7,460	10,166	7,848	2,318	
AR	Carl Bailey	202	01	10	5,206	1,560	3,646	
AR	Cecil Lynch	167	1	0	0	0	0	
AR	Cecil Lynch	167	2	0	1	0	1	
AR	Cecil Lynch	167	3	3	5	0	5	
AR	Flint Creek	6138	1	15,192	17,521	14,531	2,990	
AR	Fulton	7825	CT1	0	3,796	0	3,796	
AR	Hamilton Moses	168	1	0	2	0	2	
AR	Hamilton Moses	168	2	0	2	0	2	
AR	Harvey Couch	169	1	7	9	0	9	
AR	Harvey Couch	169	2	112	114	0	114	
AR	Independence	6641	1	18,155	14,657	11,186	3,471	
AR	Independence	6641	2	18,401	17,993	11,830	6,163	
AR	Lake Catherine	170	1	0	2	0	2	
AR	Lake Catherine	170	2	0	2	0	2	
AR	Lake Catherine	170	3	8	11	0	11	
AR	Lake Catherine	170	4	156	158	4	154	
AR	McClellan	203	01	15	6,185	2,370	3,815	
AR	Pine Bluff Energy Center	55075	CT-1	0	3	1	2	
AR	Robert E Ritchie	173	1	53	57	1	56	
AR	Robert E Ritchie	173	2	2,148	4,296	0	4,296	
AR	Thomas Fitzhugh	201	1	1	4,627	529	4,098	
AR	White Bluff	6009	1	20,940	18,490	16,182	2,308	
AR	White Bluff	6009	2	23,900	22,294	20,516	1,778	
AZ	Agua Fria Generating Station	141	1	54	11	11	0	
AZ	Agua Fria Generating Station	141	2	65	13	13	0	
AZ	Agua Fria Generating Station	141	3	77	23	23	0	
AZ	Apache Station	160	1	331	10	1	9	
AZ	Apache Station	160	2	1,609	2,561	2,461	100	
AZ	Apache Station	160	3	3,011	3,462	2,926	536	
AZ	APS Saguaro Power Plant	118	CS1 (1,2)					
AZ	APS Saguaro Power Plant	118	1	204	575	243	332	
AZ	APS Saguaro Power Plant	118	2	25	509	243	266	
AZ	Cholla	113	1	2,223	900	742	158	
AZ	Cholla	113	2	5,443	1,400	1,208	192	
AZ	Cholla	113	3	5,147	10,700	9,598	1,102	
AZ	Cholla	113	4	8,334	10,698	9,501	1,197	

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2001 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2002	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2002
AZ	Cholla	113	**5	0	0	0	0
AZ	Coronado Generating Station	6177	U1B	5,733	9,547	9,546	1
AZ	Coronado Generating Station	6177	U2B	5,903	9,502	9,501	1
AZ	De Moss Petrie	124	4	0	0	0	0
AZ	De Moss Petrie	124	GT1	0	8	0	8
AZ	Desert Basin - Reliant Energy	55129	DBG1	0	2	1	1
AZ	Desert Basin - Reliant Energy	55129	DBG2	0	2	1	1
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	Griffith Energy	55124	P1	0	1	0	1
AZ	Griffith Energy	55124	P2	0	1	1	0
AZ	Irvington	126	1	16	3	1	2
AZ	Irvington	126	2	28	2	1	1
AZ	Irvington	126	3	0	4	1	3
AZ	Irvington	126	4	2,854	3,324	3,174	150
AZ	Kyrene Generating Station	147	K-1	7	5	5	0
AZ	Kyrene Generating Station	147	K-2	18	9	9	0
AZ	Navajo Generating Station	4941	1	26,220	1,063	1,063	0
AZ	Navajo Generating Station	4941	2	24,262	1,184	1,183	1
AZ	Navajo Generating Station	4941	3	25,042	1,734	1,734	0
AZ	Ocotillo	116	1	56	13	5	8
AZ	Ocotillo	116	2	132	6	1	5
AZ	South Point Energy Center	55177	A	0	3	2	1
AZ	South Point Energy Center	55177	B	0	3	2	1
AZ	Springerville	8223	1	6,566	11,266	10,708	558
AZ	Springerville	8223	2	5,756	9,883	9,417	466
AZ	Springerville	8223	3	1,938	0	0	0
AZ	West Phoenix	117	4	11	10	0	10
AZ	West Phoenix	117	6	22	10	0	10
AZ	West Phoenix	117	CC4	0	50	1	49
AZ	Yuma Axis	120	1	42	72	2	70
CA	AES Alamitos	315	1	2,775	99	1	98
CA	AES Alamitos	315	2	105	1	1	0
CA	AES Alamitos	315	3	290	6	4	2
CA	AES Alamitos	315	4	819	22	5	17
CA	AES Alamitos	315	5	4,227	146	8	138
CA	AES Alamitos	315	6	1,484	41	8	33
CA	AES Huntington Beach	335	1	1,325	50	2	48
CA	AES Huntington Beach	335	2	1,134	39	2	37
CA	AES Huntington Beach	335	3	161	0	0	0
CA	AES Huntington Beach	335	4	176	0	0	0
CA	AES Redondo Beach	356	5	80	3	1	2
CA	AES Redondo Beach	356	6	105	3	1	2
CA	AES Redondo Beach	356	7	554	17	9	8
CA	AES Redondo Beach	356	8	597	23	9	14
CA	AES Redondo Beach	356	11	36	0	0	0
CA	AES Redondo Beach	356	12	0	0	0	0
CA	AES Redondo Beach	356	13	0	0	0	0
CA	AES Redondo Beach	356	14	0	0	0	0
CA	AES Redondo Beach	356	15	0	0	0	0
CA	AES Redondo Beach	356	16	0	0	0	0

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2001 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2002	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2002	
CA	AES Redondo Beach	356	17	0	0	0	0	
CA	Almond Power Plant	7315	1	0	19	1	18	
CA	Alta (Cool Water)	329	1	10	11	1	10	
CA	Alta (Cool Water)	329	2	6	3	1	2	
CA	Alta (Cool Water)	329	31	0	3	2	1	
CA	Alta (Cool Water)	329	32	0	3	2	1	
CA	Alta (Cool Water)	329	41	0	2	1	1	
CA	Alta (Cool Water)	329	42	0	2	1	1	
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	54	0	54	
CA	Broadway	420	B2	164	54	0	54	
CA	Broadway	420	B3	74	50	1	49	
CA	Cabrillo Power I (Encina)	302	CS0001 (1,2, 3, 4, 5)					
CA	Cabrillo Power I (Encina)	302	1	491	22	20	2	
CA	Cabrillo Power I (Encina)	302	2	1,131	21	20	1	
CA	Cabrillo Power I (Encina)	302	3	737	14	13	1	
CA	Cabrillo Power I (Encina)	302	4	1,946	50	46	4	
CA	Cabrillo Power I (Encina)	302	5	2,495	23	21	2	
CA	Carson Cogeneration	7527	1	0	14	2	12	
CA	Carson Cogeneration	7527	2	0	5	1	4	
CA	Chula Vista Power Plant	55540	1A	0	1	0	1	
CA	Chula Vista Power Plant	55540	1B	0	1	0	1	
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	26	6	20	
CA	Contra Costa	228	10	4,286	34	4	30	
CA	Duke Energy Morro Bay LLC	259	1	1,561	22	1	21	
CA	Duke Energy Morro Bay LLC	259	2	139	15	2	13	
CA	Duke Energy Morro Bay LLC	259	3	3,822	35	5	30	
CA	Duke Energy Morro Bay LLC	259	4	3,053	47	4	43	
CA	Duke Energy South Bay	310	1	2,492	145	18	127	
CA	Duke Energy South Bay	310	2	1,775	152	35	117	
CA	Duke Energy South Bay	310	3	2,177	24	17	7	
CA	Duke Energy South Bay	310	4	603	133	9	124	
CA	El Centro	389	3	614	514	1	513	
CA	El Centro	389	4	586	586	1	585	
CA	El Centro	389	2-2	0	100	1	99	
CA	El Segundo	330	1	440	23	0	23	
CA	El Segundo	330	2	90	3	0	3	
CA	El Segundo	330	3	182	7	1	6	
CA	El Segundo	330	4	370	13	2	11	
CA	Glenarm	422	16	0	0	0	0	
CA	Glenarm	422	17	0	0	0	0	
CA	Grayson	377	4	102	203	1	202	

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2001 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2002	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2002	
CA	Grayson	377	5	36	72	1	71	
CA	Harbor Generating Station	399	1	68	68	0	68	
CA	Harbor Generating Station	399	2	121	1	0	1	
CA	Harbor Generating Station	399	3	94	94	0	94	
CA	Harbor Generating Station	399	4	104	104	0	104	
CA	Harbor Generating Station	399	5	171	1	0	1	
CA	Harbor Generating Station	399	10	0	30	0	30	
CA	Harbor Generating Station	399	11	0	30	0	30	
CA	Harbor Generating Station	399	12	0	30	2	28	
CA	Harbor Generating Station	399	13	0	30	0	30	
CA	Harbor Generating Station	399	14	0	30	0	30	
CA	Harbor Generating Station	399	**10A	699	11	1	10	
CA	Harbor Generating Station	399	**10B	699	5	1	4	
CA	Haynes Gen Station	400	1	681	132	1	131	
CA	Haynes Gen Station	400	2	338	339	3	336	
CA	Haynes Gen Station	400	3	1,244	63	1	62	
CA	Haynes Gen Station	400	4	1,002	1,009	1	1,008	
CA	Haynes Gen Station	400	5	1,401	1,198	3	1,195	
CA	Haynes Gen Station	400	6	1,527	237	1	236	
CA	Humboldt Bay	246	1	358	303	18	285	
CA	Humboldt Bay	246	2	24	1,798	1,440	358	
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	34	1	33	
CA	Indigo Energy Facility	55541	1	0	1	0	1	
CA	Indigo Energy Facility	55541	2	0	1	0	1	
CA	Indigo Energy Facility	55541	3	0	1	0	1	
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	Larkspur Energy Facility	55542	1	0	1	0	1	
CA	Larkspur Energy Facility	55542	2	0	1	0	1	
CA	Los Medanos Energy Center	55217	X724	0	2	1	1	
CA	Los Medanos Energy Center	55217	X725	0	2	1	1	
CA	Magnolia	375	M4	37	0	0	0	
CA	Martinez	256	1	1	0	0	0	
CA	Martinez	256	2	1	0	0	0	
CA	Martinez	256	3	1	0	0	0	
CA	Moss Landing	260	1	122	2	0	2	
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	8	0	8	
CA	Moss Landing	260	6-1	8,924	101	10	91	
CA	Moss Landing	260	7-1	976	18	14	4	
CA	Mountain Vista (Etiwanda)	331	1	117	5	1	4	
CA	Mountain Vista (Etiwanda)	331	2	29	4	1	3	

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CA	Mountain Vista (Etiwanda)	331	3	1,372	37	3	34	
CA	Mountain Vista (Etiwanda)	331	4	261	5	2	3	
CA	Mountainview (San Bernadino)	358	1	118	6	0	6	
CA	Mountainview (San Bernadino)	358	2	17	0	0	0	
CA	NCPA Combustion Turbine Project #2	7449	NA1	0	24	1	23	
CA	Ocean Vista (Mandalay)	345	1	1,379	44	3	41	
CA	Ocean Vista (Mandalay)	345	2	1,291	38	3	35	
CA	Oleum	263	1	146	0	0	0	
CA	Oleum	263	2	138	0	0	0	
CA	Oleum	263	3	244	8	0	8	
CA	Oleum	263	4	102	0	0	0	
CA	Oleum	263	5	174	4	0	4	
CA	Oleum	263	6	204	4	0	4	
CA	Olive	6013	01	133	30	0	30	
CA	Olive	6013	02	25	0	0	0	
CA	Ormond Beach	350	1	4,520	150	9	141	
CA	Ormond Beach	350	2	4,586	154	9	145	
CA	Pittsburg	271	1	1,641	13	2	11	
CA	Pittsburg	271	2	1,350	11	2	9	
CA	Pittsburg	271	3	1,586	13	2	11	
CA	Pittsburg	271	4	1,581	13	2	11	
CA	Pittsburg	271	5	285	8	5	3	
CA	Pittsburg	271	6	3,754	30	5	25	
CA	Pittsburg	271	7	740	20	14	6	
CA	Potrero	273	3-1	321	22	3	19	
CA	Riverside Canal (Highgrove)	334	1	4	8	0	8	
CA	Riverside Canal (Highgrove)	334	2	1	2	0	2	
CA	Riverside Canal (Highgrove)	334	3	1	3	0	3	
CA	Riverside Canal (Highgrove)	334	4	3	6	0	6	
CA	Sacramento Power Authority Cogen	7552	1	0	27	3	24	
CA	SCA Cogen II	7551	1A	0	14	1	13	
CA	SCA Cogen II	7551	1B	0	14	1	13	
CA	SCA Cogen II	7551	1C	0	5	0	5	
CA	Scattergood Generating Station	404	1	752	432	7	425	
CA	Scattergood Generating Station	404	2	658	661	3	658	
CA	Scattergood Generating Station	404	3	262	2,779	3	2,776	
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	Sunrise Power Company	55182	CTG1	0	1	1	0	
CA	Sunrise Power Company	55182	CTG2	0	1	1	0	
CA	Sutter Energy Center	55112	CT01	0	2	2	0	
CA	Sutter Energy Center	55112	CT02	0	2	2	0	
CA	Valley Gen Station	408	1	122	878	0	878	
CA	Valley Gen Station	408	2	141	142	0	142	
CA	Valley Gen Station	408	3	389	392	0	392	
CA	Valley Gen Station	408	4	351	400	0	400	
CA	Valley Gen Station	408	5	0	20	2	18	
CA	Woodland Generation Station	7266	1	0	19	1	18	
CO	Arapahoe	465	CS1 (1, 2)					

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CO	Arapahoe	465	1	221	1,101	1,073	28	
CO	Arapahoe	465	2	247	735	716	19	
CO	Arapahoe	465	3	181	1,210	1,183	27	
CO	Arapahoe	465	4	1,927	1,722	1,679	43	
CO	Arapahoe Combustion Turbine	55200	CT5	0	3	0	3	
CO	Arapahoe Combustion Turbine	55200	CT6	0	3	0	3	
CO	Brush 3	10682	GT2	0	4	0	4	
CO	Brush 4	55209	GT4	0	1	0	1	
CO	Brush 4	55209	GT5	0	1	0	1	
CO	Cameo	468	2	904	2,097	2,069	28	
CO	Cherokee	469	1	2,138	2,528	2,478	50	
CO	Cherokee	469	2	2,838	3,747	3,647	100	
CO	Cherokee	469	3	3,761	4,648	4,534	114	
CO	Cherokee	469	4	7,535	7,521	7,334	187	
CO	Comanche (470)	470	1	7,698	7,796	7,671	125	
CO	Comanche (470)	470	2	6,914	8,428	8,239	189	
CO	Craig	6021	C1	8,218	6,858	4,352	2,506	
CO	Craig	6021	C2	7,845	7,082	3,826	3,256	
CO	Craig	6021	C3	2,602	2,602	1,492	1,110	
CO	Fort St. Vrain	6112	2	0	10	4	6	
CO	Fort St. Vrain	6112	3	0	10	4	6	
CO	Fort St. Vrain	6112	4	0	6	2	4	
CO	Fountain Valley Combustion Turb Fac	55453	1	0	30	0	30	
CO	Fountain Valley Combustion Turb Fac	55453	2	0	30	0	30	
CO	Fountain Valley Combustion Turb Fac	55453	3	0	30	0	30	
CO	Fountain Valley Combustion Turb Fac	55453	4	0	30	0	30	
CO	Fountain Valley Combustion Turb Fac	55453	5	0	30	0	30	
CO	Fountain Valley Combustion Turb Fac	55453	6	0	30	0	30	
CO	Hayden	525	H1	6,063	1,337	1,220	117	
CO	Hayden	525	H2	9,230	1,571	1,490	81	
CO	Manchief Electric Gen Station	55127	CT1	0	3	1	2	
CO	Manchief Electric Gen Station	55127	CT2	0	3	2	1	
CO	Martin Drake	492	5	1,149	1,937	1,687	250	
CO	Martin Drake	492	6	2,030	2,590	2,467	123	
CO	Martin Drake	492	7	3,219	5,970	4,646	1,324	
CO	Nucla	527	1	1,122	1,571	1,421	150	
CO	Pawnee	6248	1	14,443	17,303	17,031	272	
CO	Pawnee	6248	**2	0	0	0	0	
CO	Rawhide Energy Station	6761	101	1,800	1,471	954	517	
CO	Ray D Nixon	8219	1	4,477	4,314	4,114	200	
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	5,165	5,049	116	
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 Facility	55207	CT7	0	30	0	30	
CO	Valmont Combustion Turbine Facility	55207	CT8	0	30	0	30	
CO	Zuni	478	1	340	3	1	2	
CO	Zuni	478	2	0	2	0	2	
CO	Zuni	478	3	5	8	2	6	
CT	Bridgeport Energy	55042	BE1	0	8	3	5	
CT	Bridgeport Energy	55042	BE2	0	8	2	6	

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CT	Bridgeport Harbor	568	BHB1	2,079	0	0	0	
CT	Bridgeport Harbor	568	BHB2	4,727	500	435	65	
CT	Bridgeport Harbor	568	BHB3	11,481	11,429	10,429	1,000	
CT	Devon	544	3	980	0	0	0	
CT	Devon	544	6	898	0	0	0	
CT	Devon	544	CS0001 (7, 8)					
CT	Devon	544	7	2,808	2,675	2,675	0	
CT	Devon	544	8	3,003	275	245	30	
CT	Devon	544	11	0	12	9	3	
CT	Devon	544	12	0	15	12	3	
CT	Devon	544	13	0	15	12	3	
CT	Devon	544	14	0	10	6	4	
CT	Devon	544	4A	170	0	0	0	
CT	Devon	544	4B	171	0	0	0	
CT	Devon	544	5A	155	0	0	0	
CT	Devon	544	5B	155	0	0	0	
CT	English Station	569	EB13	114	0	0	0	
CT	English Station	569	EB14	157	0	0	0	
CT	Lake Road Generating Company	55149	LRG1	0	1	0	1	
CT	Middletown	562	1	461	0	0	0	
CT	Middletown	562	2	1,328	434	432	2	
CT	Middletown	562	3	3,339	1,921	1,916	5	
CT	Middletown	562	4	2,390	1,040	1,015	25	
CT	Montville	546	5	1,208	839	819	20	
CT	Montville	546	6	5,675	2,212	2,182	30	
CT	New Haven Harbor	6156	NHB1	13,070	10,000	9,543	457	
CT	Norwalk Harbor	548	CS0001 (1,2)					
CT	Norwalk Harbor	548	1	5,141	2,290	2,196	94	
CT	Norwalk Harbor	548	2	5,458	2,903	2,196	707	
CT	South Meadow Station	563	15	0	0	0	0	
CT	Wallingford Energy	55517	CT01	0	0	0	0	
CT	Wallingford Energy	55517	CT02	0	0	0	0	
CT	Wallingford Energy	55517	CT03	0	0	0	0	
CT	Wallingford Energy	55517	CT04	0	0	0	0	
CT	Wallingford Energy	55517	CT05	0	0	0	0	
DC	Benning	603	15	517	643	204	439	
DC	Benning	603	16	856	1,145	550	595	
DE	Delaware City Refinery (Motiva)	52193	DCPP4	0	1,302	1,198	104	
DE	Edge Moor	593	3	3,558	9,937	2,295	7,642	
DE	Edge Moor	593	4	6,295	6,605	4,349	2,256	
DE	Edge Moor	593	5	6,463	11,228	4,529	6,699	
DE	Hay Road	7153	5	0	3	0	3	
DE	Hay Road	7153	6	0	3	0	3	
DE	Hay Road	7153	7	0	3	0	3	
DE	Hay Road	7153	**3	158	315	2	313	
DE	Indian River	594	1	2,998	4,485	4,473	12	
DE	Indian River	594	2	3,182	5,587	5,534	53	
DE	Indian River	594	3	5,441	4,776	4,505	271	
DE	Indian River	594	4	13,414	8,416	7,778	638	
DE	McKee Run	599	3	2,585	1,607	739	868	
DE	NRG Energy Center Dover	880002	2	0	5	0	5	
DE	NRG Energy Center Dover	880002	3	0	5	0	5	
DE	Van Sant	7318	**11	138	271	16	255	

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FL	Anclote	8048	1	13,890	14,500	13,943	557	
FL	Anclote	8048	2	13,895	16,600	16,047	553	
FL	Arvah B Hopkins	688	1	81	97	63	34	
FL	Arvah B Hopkins	688	2	5,524	10,250	305	9,945	
FL	Auburndale Cogeneration Facility	54658	1	0	7	6	1	
FL	Avon Park	624	2	495	0	0	0	
FL	Big Bend	645	XS12 (BB01, BB02)					
FL	Big Bend	645	BB01	12,136	4,019	2,536	1,483	
FL	Big Bend	645	BB02	12,200	7,979	2,536	5,443	
FL	Big Bend	645	XS23 (BB03, BB04)					
FL	Big Bend	645	BB03	11,448	7,141	4,184	2,957	
FL	Big Bend	645	BB04	8,783	9,818	4,183	5,635	
FL	Brandy Branch	7846	1	0	158	0	158	
FL	Brandy Branch	7846	2	0	158	0	158	
FL	Brandy Branch	7846	3	0	158	4	154	
FL	C D McIntosh	676	1	907	2,379	2,372	7	
FL	C D McIntosh	676	2	1,029	461	44	417	
FL	C D McIntosh	676	3	9,931	11,439	10,287	1,152	
FL	C D McIntosh	676	5	0	4	1	3	
FL	Cane Island	7238	2	0	24	2	22	
FL	Cane Island	7238	3	0	38	14	24	
FL	Cane Island	7238	**1	0	10	0	10	
FL	Cape Canaveral	609	PCC1	4,225	7,575	6,312	1,263	
FL	Cape Canaveral	609	PCC2	4,963	8,071	6,735	1,336	
FL	Crist Electric Generating Plant	641	1	35	69	0	69	
FL	Crist Electric Generating Plant	641	2	3	6	0	6	
FL	Crist Electric Generating Plant	641	3	4	8	0	8	
FL	Crist Electric Generating Plant	641	4	2,468	35,541	3,665	31,876	
FL	Crist Electric Generating Plant	641	5	2,431	29,529	3,757	25,772	
FL	Crist Electric Generating Plant	641	6	8,399	32,217	13,104	19,113	
FL	Crist Electric Generating Plant	641	7	12,526	36,553	24,709	11,844	
FL	Crystal River	628	1	12,429	18,700	17,911	789	
FL	Crystal River	628	2	14,295	23,200	22,430	770	
FL	Crystal River	628	4	23,659	29,500	28,699	801	
FL	Crystal River	628	5	25,257	26,600	25,812	788	
FL	Cutler	610	PCU5	0	10	0	10	
FL	Cutler	610	PCU6	0	10	1	9	
FL	Debary	6046	**7	705	30	19	11	
FL	Debary	6046	**8	705	30	21	9	
FL	Debary	6046	**9	705	30	21	9	
FL	Debary	6046	**10	705	90	65	25	
FL	Deerhaven	663	B1	98	323	290	33	
FL	Deerhaven	663	B2	8,271	8,051	7,871	180	
FL	Deerhaven	663	CT3	0	2	0	2	
FL	Deerhaven	663	**NA2	0	0	0	0	
FL	F J Gannon	646	GB01	3,843	6,086	5,886	200	
FL	F J Gannon	646	GB02	4,426	5,295	5,095	200	
FL	F J Gannon	646	GB03	5,666	6,392	6,192	200	
FL	F J Gannon	646	GB04	6,225	6,962	6,761	201	
FL	F J Gannon	646	GB05	6,539	10,641	9,841	800	
FL	F J Gannon	646	GB06	10,084	22,161	21,261	900	
FL	Fort Myers	612	PFM1	3,189	3,409	2,668	741	
FL	Fort Myers	612	PFM2	9,460	18,702	15,574	3,128	

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FL	Fort Myers	612	FMCT2A	0	10	1	9
FL	Fort Myers	612	FMCT2B	0	10	1	9
FL	Fort Myers	612	FMCT2C	0	10	1	9
FL	Fort Myers	612	FMCT2D	0	10	1	9
FL	Fort Myers	612	FMCT2E	0	10	1	9
FL	Fort Myers	612	FMCT2F	0	10	1	9
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	44	1	43
FL	Henry D King	658	7	63	126	0	126
FL	Henry D King	658	8	26	52	1	51
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	S001 (HB01, HB02, HB05)				
FL	Hookers Point	647	HB01	177	354	2	352
FL	Hookers Point	647	HB02	207	207	2	205
FL	Hookers Point	647	CS002 (HB03, HB04)				
FL	Hookers Point	647	HB03	469	74	4	70
FL	Hookers Point	647	HB04	701	129	5	124
FL	Hookers Point	647	HB05	1,253	45	3	42
FL	Hookers Point	647	HB06	478	56	0	56
FL	Indian River (55318)	55318	CS1 (1, 2)				
FL	Indian River (55318)	55318	1	1,192	1,154	1,149	5
FL	Indian River (55318)	55318	2	1,569	4,289	4,284	5
FL	Indian River (55318)	55318	3	3,647	5,980	5,664	316
FL	Indian River (683)	683	**C	0	5	1	4
FL	Indian River (683)	683	**D	639	639	6	633
FL	Intercession City	8049	**7	705	15	10	5
FL	Intercession City	8049	**8	705	20	15	5
FL	Intercession City	8049	**9	705	12	7	5
FL	Intercession City	8049	**10	705	20	16	4
FL	Intercession City	8049	**11	0	85	75	10
FL	Intercession City	8049	**12	0	8	3	5
FL	Intercession City	8049	**13	0	8	5	3
FL	Intercession City	8049	**14	0	8	3	5
FL	J D Kennedy	666	7	0	174	6	168
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	0	0	0
FL	J R Kelly	664	CC1	0	58	1	57
FL	J R Kelly	664	JRK8	58	0	0	0
FL	Lansing Smith	643	1	6,478	15,498	7,922	7,576
FL	Lansing Smith	643	2	7,603	15,076	8,355	6,721
FL	Larsen Memorial	675	7	307	383	378	5
FL	Larsen Memorial	675	**8	665	781	1	780
FL	Larsen Memorial	675	**9	0	0	0	0
FL	Lauderdale	613	4GT1	948	952	6	946
FL	Lauderdale	613	4GT2	948	952	4	948
FL	Lauderdale	613	5GT1	948	952	4	948

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FL	Lauderdale	613	5GT2	948	952	8	944
FL	Lauderdale	613	PFL4	776	0	0	0
FL	Lauderdale	613	PFL5	796	0	0	0
FL	Manatee	6042	PMT1	13,777	21,750	18,124	3,626
FL	Manatee	6042	PMT2	12,701	19,757	16,471	3,286
FL	Martin	6043	PMR1	5,094	10,471	8,735	1,736
FL	Martin	6043	PMR2	6,041	10,636	8,857	1,779
FL	Martin	6043	PMR8A	0	10	1	9
FL	Martin	6043	PMR8B	0	10	1	9
FL	Martin	6043	HRSG3A	1,275	1,279	4	1,275
FL	Martin	6043	HRSG3B	1,275	1,279	4	1,275
FL	Martin	6043	HRSG4A	1,275	1,279	4	1,275
FL	Martin	6043	HRSG4B	1,275	1,280	4	1,276
FL	Mulberry Cogeneration Facility	54426	1	0	3	1	2
FL	Northside	667	1	6,224	10,224	9,311	913
FL	Northside	667	2	6,268	0	0	0
FL	Northside	667	3	11,126	15,229	13,130	2,099
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	8,200	7,557	643
FL	P L Bartow	634	2	2,962	7,800	7,193	607
FL	P L Bartow	634	3	5,430	11,800	11,028	772
FL	Polk	7242	**1	0	1,018	818	200
FL	Polk	7242	**2	0	141	4	137
FL	Polk	7242	**3	0	0	0	0
FL	Polk	7242	**4	0	0	0	0
FL	Port Everglades	617	PPE1	2,340	4,151	3,459	692
FL	Port Everglades	617	PPE2	2,414	4,883	4,075	808
FL	Port Everglades	617	PPE3	5,882	8,441	7,035	1,406
FL	Port Everglades	617	PPE4	5,964	9,180	7,651	1,529
FL	Putnam	6246	HRSG11	1,644	1,648	4	1,644
FL	Putnam	6246	HRSG12	1,644	1,649	3	1,646
FL	Putnam	6246	HRSG21	1,568	1,573	13	1,560
FL	Putnam	6246	HRSG22	1,568	1,573	9	1,564
FL	Reedy Creek	7254	32432	60	119	0	119
FL	Reliant Energy Osceola	55192	OSC1	0	1	0	1
FL	Reliant Energy Osceola	55192	OSC2	0	1	0	1
FL	Riviera	619	PRV2	94	10	0	10
FL	Riviera	619	PRV3	3,574	13,000	10,843	2,157
FL	Riviera	619	PRV4	3,546	13,387	11,130	2,257
FL	S O Purdom	689	7	443	755	0	755
FL	S O Purdom	689	8	0	34	5	29
FL	Sanford	620	PSN3	1,085	3,971	3,299	672
FL	Sanford	620	PSN4	8,615	11,045	9,211	1,834
FL	Sanford	620	PSN5	3,222	12,036	10,034	2,002
FL	Scholz Electric Generating Plant	642	1	1,959	21,495	1,304	20,191
FL	Scholz Electric Generating Plant	642	2	2,051	21,679	1,354	20,325
FL	Seminole (136)	136	1	18,388	17,344	12,958	4,386
FL	Seminole (136)	136	2	18,388	18,267	16,890	1,377
FL	Southside	668	1	930	0	0	0
FL	Southside	668	2	963	0	0	0
FL	Southside	668	3	227	0	0	0

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FL	Southside	668	4	616	1,074	683	391	
FL	Southside	668	5	1,811	2,615	1,524	1,091	
FL	St. Johns River Power	207	1	11,586	12,609	11,609	1,000	
FL	St. Johns River Power	207	2	11,374	11,926	10,926	1,000	
FL	Stanton Energy	564	1	11,294	8,038	6,661	1,377	
FL	Stanton Energy	564	2	0	3,750	3,269	481	
FL	Stock Island	6584	1	2,572	2	0	2	
FL	Suwannee River	638	1	254	2,200	1,782	418	
FL	Suwannee River	638	2	253	2,000	1,501	499	
FL	Suwannee River	638	3	649	1,900	1,470	430	
FL	Tiger Bay	7699	1	0	10	3	7	
FL	Tom G Smith	673	S-3	9	116	48	68	
FL	Tom G Smith	673	S-4	80	0	0	0	
FL	Turkey Point	621	PTP1	5,870	6,163	4,865	1,298	
FL	Turkey Point	621	PTP2	5,913	6,210	5,106	1,104	
FL	University of Florida	7345	1	0	10	1	9	
FL	Vero Beach Municipal	693	3	315	628	0	628	
FL	Vero Beach Municipal	693	4	107	209	2	207	
FL	Vero Beach Municipal	693	**5	317	633	1	632	
GA	Arkwright	699	CS001 (1, 2, 3, 4)					
GA	Arkwright	699	1	1,449	6,024	930	5,094	
GA	Arkwright	699	2	1,470	5,475	930	4,545	
GA	Arkwright	699	3	1,539	10,725	930	9,795	
GA	Arkwright	699	4	1,255	7,803	928	6,875	
GA	Atkinson	700	A2	4	8	0	8	
GA	Atkinson	700	A3	6	12	0	12	
GA	Atkinson	700	A4	5	10	0	10	
GA	Atkinson	700	A1A	2	4	0	4	
GA	Atkinson	700	A1B	2	4	0	4	
GA	Baconton	55304	CT1	0	2	0	2	
GA	Baconton	55304	CT4	0	1	0	1	
GA	Baconton	55304	CT5	0	1	0	1	
GA	Baconton	55304	CT6	0	3	1	2	
GA	Bowen	703	1BLR	23,617	55,168	34,091	21,077	
GA	Bowen	703	2BLR	24,288	39,604	36,827	2,777	
GA	Bowen	703	3BLR	30,942	82,155	41,828	40,327	
GA	Bowen	703	4BLR	30,934	99,299	41,335	57,964	
GA	Dahlberg (Jackson County)	7765	1	0	5	1	4	
GA	Dahlberg (Jackson County)	7765	2	0	4	0	4	
GA	Dahlberg (Jackson County)	7765	3	0	4	0	4	
GA	Dahlberg (Jackson County)	7765	4	0	4	0	4	
GA	Dahlberg (Jackson County)	7765	5	0	4	0	4	
GA	Dahlberg (Jackson County)	7765	6	0	4	0	4	
GA	Dahlberg (Jackson County)	7765	7	0	5	0	5	
GA	Dahlberg (Jackson County)	7765	8	0	4	0	4	
GA	Dahlberg (Jackson County)	7765	9	0	0	0	0	
GA	Dahlberg (Jackson County)	7765	10	0	0	0	0	
GA	Doyle Generating Facility	55244	CTG-1	0	10	0	10	
GA	Doyle Generating Facility	55244	CTG-2	0	10	0	10	
GA	Doyle Generating Facility	55244	CTG-3	0	10	0	10	
GA	Doyle Generating Facility	55244	CTG-4	0	10	0	10	
GA	Doyle Generating Facility	55244	CTG-5	0	10	0	10	
GA	Hammond	708	CS001 (1, 2, 3)					

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GA	Hammond	708	1	3,786	19,773	4,031	15,742
GA	Hammond	708	2	3,975	21,434	4,031	17,403
GA	Hammond	708	3	3,842	20,267	4,032	16,235
GA	Hammond	708	4	16,232	100,601	14,922	85,679
GA	Harllee Branch	709	CS001 (1, 2)				
GA	Harllee Branch	709	1	9,859	31,607	12,592	19,015
GA	Harllee Branch	709	2	11,661	52,782	12,593	40,189
GA	Harllee Branch	709	CS002 (3, 4)				
GA	Harllee Branch	709	3	16,044	39,352	20,166	19,186
GA	Harllee Branch	709	4	15,921	37,915	20,166	17,749
GA	Hartwell Energy Facility	70454	MAG1	0	2	1	1
GA	Hartwell Energy Facility	70454	MAG2	0	3	2	1
GA	Heard County Power	55141	CT1	0	0	0	0
GA	Heard County Power	55141	CT2	0	0	0	0
GA	Heard County Power	55141	CT3	0	0	0	0
GA	Jack McDonough	710	CS001 (MB1, MB2)				
GA	Jack McDonough	710	MB1	8,584	40,085	11,792	28,293
GA	Jack McDonough	710	MB2	8,885	43,375	11,792	31,583
GA	Kraft	733	CS001 (1, 2, 3, 4)				
GA	Kraft	733	1	1,530	3,228	1,102	2,126
GA	Kraft	733	2	1,510	3,232	1,694	1,538
GA	Kraft	733	3	2,964	4,138	4,097	41
GA	Kraft	733	4	436	440	0	440
GA	LG&E Power Monroe	55128	T1	0	2	0	2
GA	LG&E Power Monroe	55128	T2	0	2	1	1
GA	LG&E Power Monroe	55128	T3	0	2	1	1
GA	McIntosh (6124)	6124	1	5,556	11,727	7,468	4,259
GA	McIntosh (6124)	6124	CT1	0	44	9	35
GA	McIntosh (6124)	6124	CT2	0	45	8	37
GA	McIntosh (6124)	6124	CT3	0	49	7	42
GA	McIntosh (6124)	6124	CT4	0	48	7	41
GA	McIntosh (6124)	6124	CT5	0	46	8	38
GA	McIntosh (6124)	6124	CT6	0	47	8	39
GA	McIntosh (6124)	6124	CT7	0	47	7	40
GA	McIntosh (6124)	6124	CT8	0	48	7	41
GA	McManus	715	CS001 (1, 2)				
GA	McManus	715	1	844	1,000	875	125
GA	McManus	715	2	1,279	1,124	875	249
GA	Mid-Georgia Cogeneration	55040	1	0	5	1	4
GA	Mid-Georgia Cogeneration	55040	2	0	6	1	5
GA	Mitchell	727	3	5,463	36,222	3,895	32,327
GA	MPC Generating	7764	1	0	11	0	11
GA	MPC Generating	7764	2	0	10	2	8
GA	Riverside (734)	734	12	5	10	0	10
GA	Robins	7348	CT1	0	31	28	3
GA	Robins	7348	CT2	0	18	12	6
GA	Scherer	6257	1	21,083	19,589	19,255	334
GA	Scherer	6257	2	21,232	28,204	22,994	5,210
GA	Scherer	6257	3	21,266	16,228	15,312	916
GA	Scherer	6257	4	21,242	18,578	17,862	716
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

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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	Tenaska Georgia Generating Station	55061	CT1	0	2	1	1
GA	Tenaska Georgia Generating Station	55061	CT2	0	2	1	1
GA	Tenaska Georgia Generating Station	55061	CT3	0	2	1	1
GA	Wansley (6052)	6052	1	30,517	116,281	37,212	79,069
GA	Wansley (6052)	6052	2	28,211	104,182	38,438	65,744
GA	West Georgia Generating Co	55267	1	0	13	2	11
GA	West Georgia Generating Co	55267	2	0	12	8	4
GA	West Georgia Generating Co	55267	3	0	13	5	8
GA	West Georgia Generating Co	55267	4	0	12	4	8
GA	Yates	728	Y1BR	3,107	37,954	255	37,699
GA	Yates	728	CS001 (Y2BR, Y3BR)				
GA	Yates	728	Y2BR	3,036	19,916	3,486	16,430
GA	Yates	728	Y3BR	2,998	19,487	3,487	16,000
GA	Yates	728	CS002 (Y4BR, Y5BR)				
GA	Yates	728	Y4BR	3,843	24,921	4,892	20,029
GA	Yates	728	Y5BR	4,056	27,292	4,893	22,399
GA	Yates	728	Y6BR	10,678	71,925	13,644	58,281
GA	Yates	728	Y7BR	10,502	58,814	13,839	44,975
IA	Ames	1122	7	403	489	197	292
IA	Ames	1122	8	1,834	1,540	786	754
IA	Burlington (IA)	1104	1	4,499	20,439	4,968	15,471
IA	Council Bluffs	1082	1	1,110	1,159	1,052	107
IA	Council Bluffs	1082	2	1,651	1,744	1,718	26
IA	Council Bluffs	1082	3	15,956	18,431	18,001	430
IA	Des Moines	1083	10	163	2	0	2
IA	Des Moines	1083	11	244	4	0	4
IA	Des Moines	1083	**5	0	0	0	0
IA	Dubuque	1046	1	1,120	1,730	1,666	64
IA	Dubuque	1046	5	305	1,115	1,092	23
IA	Dubuque	1046	6	0	1	1	0
IA	Earl F Wisdom	1217	1	379	941	539	402
IA	Fair Station	1218	2	5,575	6,167	6,163	4
IA	George Neal North	1091	1	2,310	3,708	3,635	73
IA	George Neal North	1091	2	9,082	9,660	6,404	3,256
IA	George Neal North	1091	3	12,296	13,151	13,073	78
IA	George Neal South	7343	4	15,144	17,581	16,105	1,476
IA	Grinnell	7137	**2	189	0	0	0
IA	Lansing	1047	CS1 (1, 2)				
IA	Lansing	1047	1	0	23	17	6
IA	Lansing	1047	2	0	12	10	2
IA	Lansing	1047	3	478	538	527	11
IA	Lansing	1047	4	4,629	4,640	4,489	151
IA	Lime Creek	7155	**1	255	498	13	485
IA	Lime Creek	7155	**2	255	499	9	490
IA	Louisa	6664	101	15,593	14,635	14,304	331
IA	Maynard Station	1096	1	31	0	0	0
IA	Milton L Kapp	1048	2	5,795	35,127	4,269	30,858
IA	Muscatine	1167	8	1,362	3,552	2,988	564

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IA	Muscatine	1167	9	2,027	2,576	567	2,009	
IA	NA 1 -- 7230	7230	**2	0	0	0	0	
IA	Ottumwa	6254	1	19,095	19,775	17,276	2,499	
IA	Pella	1175	CS67 (6, 7)					
IA	Pella	1175	6	757	802	228	574	
IA	Pella	1175	7	978	1,487	228	1,259	
IA	Pella	1175	8	68	136	0	136	
IA	Pleasant Hill Energy Center	7145	3	0	29	2	27	
IA	Prairie Creek	1073	3	725	1,238	1,206	32	
IA	Prairie Creek	1073	4	3,434	18,904	3,344	15,560	
IA	Riverside (1081)	1081	9	1,745	2,336	1,819	517	
IA	Sixth Street	1058	1	814	101	0	101	
IA	Sixth Street	1058	2	177	406	395	11	
IA	Sixth Street	1058	3	154	367	330	37	
IA	Sixth Street	1058	4	77	177	166	11	
IA	Sixth Street	1058	5	308	975	902	73	
IA	Streeter Station	1131	7	554	1,784	834	950	
IA	Sutherland	1077	1	199	1,005	911	94	
IA	Sutherland	1077	2	376	905	852	53	
IA	Sutherland	1077	3	2,191	2,549	2,481	68	
ID	Mountain Home Generation Station	7953	CT2	0	250	0	250	
ID	Mountain Home Generation Station	7953	CT3	0	250	0	250	
ID	Rathdrum Combustion Turbine Project	7456	1	0	2	2	0	
ID	Rathdrum Combustion Turbine Project	7456	2	0	1	1	0	
ID	Rathdrum Power	55179	CTGEN1	0	3	1	2	
IL	Aurora - Reliant Energy	55279	AGS02	0	1	0	1	
IL	Aurora - Reliant Energy	55279	AGS03	0	1	0	1	
IL	Aurora - Reliant Energy	55279	AGS04	0	1	0	1	
IL	Aurora - Reliant Energy	55279	AGS05	0	1	0	1	
IL	Aurora - Reliant Energy	55279	AGS06	0	1	0	1	
IL	Aurora - Reliant Energy	55279	AGS07	0	1	0	1	
IL	Aurora - Reliant Energy	55279	AGS08	0	1	0	1	
IL	Aurora - Reliant Energy	55279	AGS09	0	1	0	1	
IL	Aurora - Reliant Energy	55279	AGS10	0	1	0	1	
IL	Baldwin	889	1	18,116	7,974	7,717	257	
IL	Baldwin	889	2	19,154	9,056	8,778	278	
IL	Baldwin	889	3	18,350	6,875	6,635	240	
IL	Coffeen	861	CS0001 (01,02)					
IL	Coffeen	861	01	5,085	17,705	15,521	2,184	
IL	Coffeen	861	02	15,381	25,555	22,166	3,389	
IL	Collins	6025	CS1230 (1, 2, 3)					
IL	Collins	6025	1	1,327	1,545	1,463	82	
IL	Collins	6025	2	1,133	1,528	1,463	65	
IL	Collins	6025	3	2,001	1,501	1,463	38	
IL	Collins	6025	CS0405 (4, 5)					
IL	Collins	6025	4	1,633	680	580	100	
IL	Collins	6025	5	1,810	680	580	100	
IL	Cordova Energy Center	55188	1	0	10	1	9	
IL	Cordova Energy Center	55188	2	0	10	0	10	
IL	Crawford	867	7	7,236	2,427	1,975	452	
IL	Crawford	867	8	9,850	3,888	3,693	195	
IL	Dallman	963	CS3132 (31, 32)					
IL	Dallman	963	31	1,385	4,768	4,304	464	

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IL	Dallman	963	32	1,568	5,377	4,853	524	
IL	Dallman	963	33	5,199	3,197	2,975	222	
IL	Duck Creek	6016	1	11,201	11,287	11,089	198	
IL	Duke Energy Lee	55236	CT1	0	0	0	0	
IL	Duke Energy Lee	55236	CT2	0	0	0	0	
IL	Duke Energy Lee	55236	CT3	0	0	0	0	
IL	Duke Energy Lee	55236	CT4	0	0	0	0	
IL	Duke Energy Lee	55236	CT5	0	0	0	0	
IL	Duke Energy Lee	55236	CT6	0	0	0	0	
IL	Duke Energy Lee	55236	CT7	0	0	0	0	
IL	Duke Energy Lee	55236	CT8	0	0	0	0	
IL	E D Edwards	856	1	2,899	11,737	10,762	975	
IL	E D Edwards	856	2	6,916	15,817	15,378	439	
IL	E D Edwards	856	3	9,125	26,227	23,985	2,242	
IL	Elwood Energy Facility	55199	1	0	25	0	25	
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	Elwood Energy Facility	55199	5	0	25	0	25	
IL	Elwood Energy Facility	55199	6	0	25	0	25	
IL	Elwood Energy Facility	55199	7	0	25	0	25	
IL	Elwood Energy Facility	55199	8	0	25	0	25	
IL	Elwood Energy Facility	55199	9	0	25	0	25	
IL	Fisk	886	19	10,032	3,624	3,535	89	
IL	Freedom Power Project	7842	CT1	0	0	0	0	
IL	Gibson City Power Plant	55201	GCTG1	0	15	2	13	
IL	Gibson City Power Plant	55201	GCTG2	0	14	2	12	
IL	Grand Tower	862	07	248	200	0	200	
IL	Grand Tower	862	08	235	200	0	200	
IL	Grand Tower	862	09	2,547	213	0	213	
IL	Grand Tower	862	CT01	0	514	1	513	
IL	Grand Tower	862	CT02	0	512	0	512	
IL	Havana	891	1	35	59	49	10	
IL	Havana	891	2	45	54	35	19	
IL	Havana	891	3	35	49	39	10	
IL	Havana	891	4	35	78	68	10	
IL	Havana	891	5	35	47	37	10	
IL	Havana	891	6	35	44	10	34	
IL	Havana	891	7	35	57	50	7	
IL	Havana	891	8	35	42	25	17	
IL	Havana	891	9	8,805	9,672	7,814	1,858	
IL	Hennepin	892	CS3 (1, 2)					
IL	Hennepin	892	1	2,018	2,218	1,127	1,091	
IL	Hennepin	892	2	7,940	5,242	3,046	2,196	
IL	Hutsonville	863	05	2,223	9,112	7,866	1,246	
IL	Hutsonville	863	06	2,302	8,636	7,236	1,400	
IL	Indeck-Rockford Energy Center	55238	0001	0	27	0	27	
IL	Indeck-Rockford Energy Center	55238	0002	0	27	0	27	
IL	Interstate	7425	1	0	6	1	5	
IL	Joliet 29	384	CS7172 (71,72)					
IL	Joliet 29	384	71	7,580	4,680	4,575	105	
IL	Joliet 29	384	72	6,177	5,739	4,575	1,164	
IL	Joliet 29	384	CS8182 (81, 82)					

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IL	Joliet 29	384	81	7,296	5,296	3,490	1,806	
IL	Joliet 29	384	82	7,558	3,546	3,491	55	
IL	Joliet 9	874	5	8,676	4,508	4,063	445	
IL	Joppa Steam	887	CS1 (1, 2)					
IL	Joppa Steam	887	1	5,288	45,172	3,840	41,332	
IL	Joppa Steam	887	2	4,523	40,101	3,839	36,262	
IL	Joppa Steam	887	CS2 (3, 4)					
IL	Joppa Steam	887	3	5,153	45,199	3,834	41,365	
IL	Joppa Steam	887	4	4,773	42,667	3,833	38,834	
IL	Joppa Steam	887	CS3 (5, 6)					
IL	Joppa Steam	887	5	4,795	37,331	3,417	33,914	
IL	Joppa Steam	887	6	4,460	35,103	3,417	31,686	
IL	Kincaid	876	CS0102 (1, 2)					
IL	Kincaid	876	1	13,596	8,753	8,724	29	
IL	Kincaid	876	2	14,982	9,111	9,081	30	
IL	Kinmundy Power Plant	55204	KCTG1	0	10	0	10	
IL	Kinmundy Power Plant	55204	KCTG2	0	10	0	10	
IL	Lakeside	964	CS0078 (7, 8)					
IL	Lakeside	964	7	2,554	2,254	1,860	394	
IL	Lakeside	964	8	1,446	1,268	1,047	221	
IL	Lincoln Generating Facility	55222	CTG-1	0	2	0	2	
IL	Lincoln Generating Facility	55222	CTG-2	0	2	0	2	
IL	Lincoln Generating Facility	55222	CTG-3	0	2	0	2	
IL	Lincoln Generating Facility	55222	CTG-4	0	2	0	2	
IL	Lincoln Generating Facility	55222	CTG-5	0	2	0	2	
IL	Lincoln Generating Facility	55222	CTG-6	0	2	0	2	
IL	Lincoln Generating Facility	55222	CTG-7	0	2	0	2	
IL	Lincoln Generating Facility	55222	CTG-8	0	2	0	2	
IL	Marion	976	CS0001 (1, 2)					
IL	Marion	976	1	2,080	5,702	4,713	989	
IL	Marion	976	2	2,130	3,049	1,833	1,216	
IL	Marion	976	3	2,310	5,203	4,280	923	
IL	Marion	976	4	6,841	15,586	4,551	11,035	
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	3,250	2,138	1,112	
IL	Meredosia	864	02	322	3,482	2,449	1,033	
IL	Meredosia	864	03	280	3,296	1,960	1,336	
IL	Meredosia	864	04	255	3,726	2,646	1,080	
IL	Meredosia	864	05	5,991	15,973	13,070	2,903	
IL	Meredosia	864	06	46	398	158	240	
IL	New Heights Recovery & Power	55174	1	0	225	171	54	
IL	Newton	6017	1	15,625	11,107	8,505	2,602	
IL	Newton	6017	2	13,932	9,425	6,953	2,472	
IL	Pinckneyville Power Plant	55202	CT01	0	5	0	5	
IL	Pinckneyville Power Plant	55202	CT02	0	5	0	5	
IL	Pinckneyville Power Plant	55202	CT03	0	5	0	5	
IL	Pinckneyville Power Plant	55202	CT04	0	5	0	5	
IL	Pinckneyville Power Plant	55202	CT05	0	5	0	5	

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IL	Pinckneyville Power Plant	55202	CT06	0	5	0	5	
IL	Pinckneyville Power Plant	55202	CT07	0	5	0	5	
IL	Pinckneyville Power Plant	55202	CT08	0	5	0	5	
IL	Powerton	879	CS0506 (51, 52, 61, 62)					
IL	Powerton	879	51	10,704	5,204	5,130	74	
IL	Powerton	879	52	10,574	5,256	5,130	126	
IL	Powerton	879	61	10,516	5,216	5,130	86	
IL	Powerton	879	62	10,599	5,322	5,132	190	
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	55109	T1	0	0	0	0	
IL	Rocky Road Power	55109	T2	0	0	0	0	
IL	Rocky Road Power	55109	T3	0	0	0	0	
IL	Rocky Road Power	55109	T4	0	0	0	0	
IL	Shelby Energy Center	55237	SCE1	0	1	0	1	
IL	Shelby Energy Center	55237	SCE2	0	1	0	1	
IL	Shelby Energy Center	55237	SCE3	0	1	0	1	
IL	Shelby Energy Center	55237	SCE4	0	1	0	1	
IL	Shelby Energy Center	55237	SCE5	0	1	0	1	
IL	Shelby Energy Center	55237	SCE6	0	1	0	1	
IL	Shelby Energy Center	55237	SCE7	0	1	0	1	
IL	Shelby Energy Center	55237	SCE8	0	1	0	1	
IL	Tilton	7760	1	0	3	0	3	
IL	Tilton	7760	2	0	3	0	3	
IL	Tilton	7760	3	0	3	0	3	
IL	Tilton	7760	4	0	3	0	3	
IL	University Park Energy	55250	UP1	0	0	0	0	
IL	University Park Energy	55250	UP2	0	0	0	0	
IL	University Park Energy	55250	UP3	0	0	0	0	
IL	University Park Energy	55250	UP4	0	0	0	0	
IL	University Park Energy	55250	UP5	0	0	0	0	
IL	University Park Energy	55250	UP6	0	0	0	0	
IL	University Park Energy	55250	UP7	0	0	0	0	
IL	University Park Energy	55250	UP8	0	0	0	0	
IL	University Park Energy	55250	UP9	0	0	0	0	
IL	University Park Energy	55250	UP10	0	0	0	0	
IL	University Park Energy	55250	UP11	0	0	0	0	
IL	University Park Energy	55250	UP12	0	0	0	0	
IL	Venice	913	1	5	10	0	10	
IL	Venice	913	2	2	4	0	4	
IL	Venice	913	3	17	24	0	24	
IL	Venice	913	4	14	18	0	18	
IL	Venice	913	5	10	19	0	19	
IL	Venice	913	6	10	19	1	18	
IL	Venice	913	7	2	12	0	12	
IL	Venice	913	8	2	11	0	11	
IL	Vermilion	897	CS3 (1, 2)					
IL	Vermilion	897	1	2,835	6,545	6,030	515	
IL	Vermilion	897	2	3,831	9,609	9,084	525	
IL	Waukegan	883	7	8,214	5,125	4,734	391	
IL	Waukegan	883	8	7,840	5,881	5,309	572	
IL	Waukegan	883	17	3,104	1,328	983	345	
IL	Will County	884	1	5,322	1,992	1,741	251	

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IL	Will County	884	2	4,850	2,138	1,737	401
IL	Will County	884	3	6,995	2,747	2,575	172
IL	Will County	884	4	13,804	4,954	4,881	73
IL	Wood River	898	1	3	9	0	9
IL	Wood River	898	2	3	6	0	6
IL	Wood River	898	3	3	6	0	6
IL	Wood River	898	4	2,259	5,642	5,337	305
IL	Wood River	898	5	9,481	14,706	12,446	2,260
IN	A B Brown	6137	1	5,358	6,127	5,421	706
IN	A B Brown	6137	2	4,530	6,786	2,172	4,614
IN	A B Brown	6137	3	639	1,277	0	1,277
IN	Anderson	7336	ACT1	0	3	0	3
IN	Anderson	7336	ACT2	0	4	1	3
IN	Bailly	995	XS12 (7, 8)				
IN	Bailly	995	7	4,812	3,112	2,181	931
IN	Bailly	995	8	6,871	9,783	3,895	5,888
IN	Breed	984	1	7,977	10,746	0	10,746
IN	Cayuga	1001	1	14,390	29,226	27,834	1,392
IN	Cayuga	1001	2	14,715	32,542	30,992	1,550
IN	Cayuga	1001	4	1,098	14	1	13
IN	Clifty Creek	983	CS001 (1,2, 3)				
IN	Clifty Creek	983	1	8,465	6,860	6,359	501
IN	Clifty Creek	983	2	8,324	6,860	6,359	501
IN	Clifty Creek	983	3	8,573	6,860	6,360	500
IN	Clifty Creek	983	CS002 (4, 5, 6)				
IN	Clifty Creek	983	4	8,434	7,195	6,695	500
IN	Clifty Creek	983	5	8,132	7,195	6,695	500
IN	Clifty Creek	983	6	8,560	7,195	6,696	499
IN	Dean H Mitchell	996	CS45 (4,5)				
IN	Dean H Mitchell	996	4	3,116	1,745	1,232	513
IN	Dean H Mitchell	996	5	3,018	1,619	1,128	491
IN	Dean H Mitchell	996	CS611 (6, 11)				
IN	Dean H Mitchell	996	6	2,970	2,491	2,130	361
IN	Dean H Mitchell	996	11	2,658	2,470	2,307	163
IN	Eagle Valley (H T Pritchard)	991	1	0	27	0	27
IN	Eagle Valley (H T Pritchard)	991	2	1	134	0	134
IN	Eagle Valley (H T Pritchard)	991	CS592 (3, 4)				
IN	Eagle Valley (H T Pritchard)	991	3	240	3,720	3,611	109
IN	Eagle Valley (H T Pritchard)	991	4	533	4,144	4,024	120
IN	Eagle Valley (H T Pritchard)	991	CS596 (5, 6)				
IN	Eagle Valley (H T Pritchard)	991	5	1,980	3,527	3,422	105
IN	Eagle Valley (H T Pritchard)	991	6	2,488	5,534	5,375	159
IN	Edwardsport	1004	6-1	0	17	4	13
IN	Edwardsport	1004	7-1	347	3,424	3,261	163
IN	Edwardsport	1004	7-2	354	2,954	2,813	141
IN	Edwardsport	1004	8-1	375	3,200	3,048	152
IN	F B Culley	1012	1	827	1,907	1,786	121
IN	F B Culley	1012	XS23 (2, 3)				
IN	F B Culley	1012	2	1,759	8,359	8,010	349
IN	F B Culley	1012	3	7,318	30,921	0	30,921
IN	Frank E Ratts	1043	1SG1	3,593	11,313	11,006	307
IN	Frank E Ratts	1043	2SG1	3,660	10,639	10,417	222
IN	Georgetown Substation	7759	GT1	0	0	0	0

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IN	Georgetown Substation	7759	GT2	0	0	0	0	
IN	Georgetown Substation	7759	GT3	0	0	0	0	
IN	Georgetown Substation	7759	GT4	0	0	0	0	
IN	Gibson	6113	CS0003 (1, 2)					
IN	Gibson	6113	1	17,420	47,320	45,066	2,254	
IN	Gibson	6113	2	17,683	33,184	31,604	1,580	
IN	Gibson	6113	XS34 (3, 4)					
IN	Gibson	6113	3	17,714	49,218	46,850	2,368	
IN	Gibson	6113	4	17,389	9,468	8,960	508	
IN	Gibson	6113	5	18,187	24,055	15,851	8,204	
IN	Harding Street Station (EW Stout)	990	1	0	0	0	0	
IN	Harding Street Station (EW Stout)	990	2	0	0	0	0	
IN	Harding Street Station (EW Stout)	990	3	0	0	0	0	
IN	Harding Street Station (EW Stout)	990	4	0	0	0	0	
IN	Harding Street Station (EW Stout)	990	5	0	0	0	0	
IN	Harding Street Station (EW Stout)	990	6	0	0	0	0	
IN	Harding Street Station (EW Stout)	990	7	0	0	0	0	
IN	Harding Street Station (EW Stout)	990	8	0	0	0	0	
IN	Harding Street Station (EW Stout)	990	9	1	49	1	48	
IN	Harding Street Station (EW Stout)	990	10	2	52	0	52	
IN	Harding Street Station (EW Stout)	990	50	1,674	8,142	7,982	160	
IN	Harding Street Station (EW Stout)	990	60	2,058	6,332	6,208	124	
IN	Harding Street Station (EW Stout)	990	70	10,180	29,436	28,859	577	
IN	Harding Street Station (EW Stout)	990	GT4	0	44	1	43	
IN	Harding Street Station (EW Stout)	990	GT5	0	44	1	43	
IN	Henry County Generating Station	7763	1	0	2	0	2	
IN	Henry County Generating Station	7763	2	0	2	0	2	
IN	Henry County Generating Station	7763	3	0	2	0	2	
IN	Merom	6213	1SG1	14,925	8,415	8,164	251	
IN	Merom	6213	2SG1	14,823	7,555	7,327	228	
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	10,698	10,279	419	
IN	Mirant State Line Energy (IN)	981	3	4,726	3,851	3,804	47	
IN	Mirant State Line Energy (IN)	981	4	6,924	4,102	4,056	46	
IN	Montpelier Electric Gen Station	55229	G1CT1	0	0	0	0	
IN	Montpelier Electric Gen Station	55229	G1CT2	0	0	0	0	
IN	Montpelier Electric Gen Station	55229	G2CT1	0	0	0	0	
IN	Montpelier Electric Gen Station	55229	G2CT2	0	0	0	0	
IN	Montpelier Electric Gen Station	55229	G3CT1	0	0	0	0	
IN	Montpelier Electric Gen Station	55229	G3CT2	0	0	0	0	
IN	Montpelier Electric Gen Station	55229	G4CT1	0	0	0	0	
IN	Montpelier Electric Gen Station	55229	G4CT2	0	0	0	0	
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	1,098	0	0	0	
IN	NA 1 -- 7228	7228	**3	1,098	0	0	0	
IN	Noblesville	1007	1	66	1,444	1,375	69	
IN	Noblesville	1007	2	54	1,729	1,647	82	
IN	Noblesville	1007	3	40	1,749	1,666	83	
IN	Perry K Steam Plant	992	11	1,796	610	112	498	

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IN	Petersburg	994	1	7,088	7,169	1,856	5,313	
IN	Petersburg	994	2	13,965	14,084	2,915	11,169	
IN	Petersburg	994	3	16,886	25,575	22,232	3,343	
IN	Petersburg	994	4	16,155	21,705	14,997	6,708	
IN	R Gallagher	1008	CS0001 (1,2)					
IN	R Gallagher	1008	1	2,909	13,162	12,535	627	
IN	R Gallagher	1008	2	3,138	13,248	12,617	631	
IN	R Gallagher	1008	CS0002 (3, 4)					
IN	R Gallagher	1008	3	2,815	11,901	11,334	567	
IN	R Gallagher	1008	4	2,933	11,576	11,025	551	
IN	R M Schahfer	6085	14	10,357	11,541	10,136	1,405	
IN	R M Schahfer	6085	15	10,693	14,082	13,852	230	
IN	R M Schahfer	6085	17	5,224	5,780	4,617	1,163	
IN	R M Schahfer	6085	18	5,189	5,522	5,452	70	
IN	Richmond (IN)	7335	RCT1	0	17	0	17	
IN	Richmond (IN)	7335	RCT2	0	3	0	3	
IN	Rockport	6166	CS012 (MB1, MB2)					
IN	Rockport	6166	MB1	33,003	41,858	28,132	13,726	
IN	Rockport	6166	MB2	33,003	34,817	29,233	5,584	
IN	Tanners Creek	988	CS013 (U1, U2, U3)					
IN	Tanners Creek	988	U1	2,776	4,462	4,332	130	
IN	Tanners Creek	988	U2	2,798	4,354	4,227	127	
IN	Tanners Creek	988	U3	4,080	6,469	6,282	187	
IN	Tanners Creek	988	U4	10,705	77,952	40,590	37,362	
IN	Vermillion Energy Facility	55111	1	0	4	0	4	
IN	Vermillion Energy Facility	55111	2	0	4	0	4	
IN	Vermillion Energy Facility	55111	3	0	4	0	4	
IN	Vermillion Energy Facility	55111	4	0	4	0	4	
IN	Vermillion Energy Facility	55111	5	0	4	0	4	
IN	Vermillion Energy Facility	55111	6	0	4	0	4	
IN	Vermillion Energy Facility	55111	7	0	4	0	4	
IN	Vermillion Energy Facility	55111	8	0	4	0	4	
IN	Wabash River	1010	1	1,723	471	449	22	
IN	Wabash River	1010	CS0005 (2,3, 4, 5, 6)					
IN	Wabash River	1010	2	1,392	7,279	6,932	347	
IN	Wabash River	1010	3	1,616	7,672	7,307	365	
IN	Wabash River	1010	4	1,532	6,705	6,386	319	
IN	Wabash River	1010	5	1,582	8,182	7,792	390	
IN	Wabash River	1010	6	5,295	25,107	23,911	1,196	
IN	Warrick	6705	XS123 (1, 2, 3)					
IN	Warrick	6705	1	30,372	20,372	19,435	937	
IN	Warrick	6705	2	30,732	25,848	17,836	8,012	
IN	Warrick	6705	3	27,668	22,368	19,780	2,588	
IN	Warrick	6705	4	10,509	31,876	30,834	1,042	
IN	Wheatland Generating Facility LLC	55224	EU-01	0	1	0	1	
IN	Wheatland Generating Facility LLC	55224	EU-02	0	1	0	1	
IN	Wheatland Generating Facility LLC	55224	EU-03	0	1	0	1	
IN	Wheatland Generating Facility LLC	55224	EU-04	0	1	0	1	
IN	Whitewater Valley	1040	CS12 (1, 2)					
IN	Whitewater Valley	1040	1	2,237	2,248	2,159	89	
IN	Whitewater Valley	1040	2	6,695	11,743	11,273	470	
IN	Worthington Generation	55148	1	0	1	0	1	
IN	Worthington Generation	55148	2	0	1	0	1	

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IN	Worthington Generation	55148	3	0	1	0	1	
IN	Worthington Generation	55148	4	0	1	0	1	
KS	Arthur Mullergren	1235	3	1	1	0	1	
KS	Cimarron River	1230	1	12	23	0	23	
KS	Coffeyville	1271	4	11	22	0	22	
KS	East 12th Street	7013	4	10	20	0	20	
KS	Garden City	1336	S-2	0	19	0	19	
KS	Gordon Evans Energy Center	1240	1	64	499	453	46	
KS	Gordon Evans Energy Center	1240	2	25	1,597	1,452	145	
KS	Gordon Evans Energy Center	1240	E1CT	0	10	1	9	
KS	Gordon Evans Energy Center	1240	E2CT	0	12	2	10	
KS	Gordon Evans Energy Center	1240	E3CT	0	10	2	8	
KS	Holcomb	108	SGU1	4,011	2,908	2,123	785	
KS	Hutchinson Energy Center	1248	1	0	0	0	0	
KS	Hutchinson Energy Center	1248	2	0	0	0	0	
KS	Hutchinson Energy Center	1248	3	0	0	0	0	
KS	Hutchinson Energy Center	1248	4	18	1,574	1,499	75	
KS	Jeffrey Energy Center	6068	1	17,113	18,650	18,072	578	
KS	Jeffrey Energy Center	6068	2	18,087	21,218	20,640	578	
KS	Jeffrey Energy Center	6068	3	20,635	22,902	22,213	689	
KS	Judson Large	1233	4	39	76	1	75	
KS	Kaw	1294	1	787	1	0	1	
KS	Kaw	1294	2	619	0	0	0	
KS	Kaw	1294	3	516	2	0	2	
KS	La Cygne	1241	1	17,946	12,579	4,447	8,132	
KS	La Cygne	1241	2	15,061	22,339	20,309	2,030	
KS	Lawrence Energy Center	1250	2	2	0	0	0	
KS	Lawrence Energy Center	1250	3	2,148	2,097	1,906	191	
KS	Lawrence Energy Center	1250	4	1,819	754	680	74	
KS	Lawrence Energy Center	1250	5	5,377	4,323	3,915	408	
KS	McPherson 2	1305	1	1	70	0	70	
KS	McPherson 3	7515	1	0	39	1	38	
KS	Murray Gill Energy Center	1242	1	1	4	0	4	
KS	Murray Gill Energy Center	1242	2	5	127	116	11	
KS	Murray Gill Energy Center	1242	3	50	1,137	1,033	104	
KS	Murray Gill Energy Center	1242	4	62	1,582	1,437	145	
KS	Nearman Creek	6064	N1	6,930	10,475	8,388	2,087	
KS	Neosho Energy Center	1243	7	13	330	300	30	
KS	Quindaro	1295	1	2,032	3,033	1,196	1,837	
KS	Quindaro	1295	2	2,079	7,426	1,837	5,589	
KS	Ripley	1244	**2	0	0	0	0	
KS	Ripley	1244	**3	0	0	0	0	
KS	Riverton	1239	39	1,039	2,480	1,953	527	
KS	Riverton	1239	40	1,764	1,436	863	573	
KS	Tecumseh Energy Center	1252	9	2,256	2,107	1,894	213	
KS	Tecumseh Energy Center	1252	10	3,916	3,932	3,574	358	
KS	Wamego	1328	7	17	0	0	0	
KY	Big Sandy	1353	CS012 (BSU1, BSU2)					
KY	Big Sandy	1353	BSU1	6,430	14,638	14,212	426	
KY	Big Sandy	1353	BSU2	19,718	42,883	41,634	1,249	
KY	Cane Run	1363	3	39	0	0	0	
KY	Cane Run	1363	4	4,522	5,135	5,007	128	
KY	Cane Run	1363	5	4,341	5,292	5,074	218	

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KY	Cane Run	1363	6	5,500	6,138	6,040	98
KY	Cane Run	1363	**12	0	0	0	0
KY	Cane Run	1363	**13	0	0	0	0
KY	Coleman	1381	C1	4,854	17,710	16,877	833
KY	Coleman	1381	C2	5,536	17,177	16,130	1,047
KY	Coleman	1381	C3	5,324	17,290	16,113	1,177
KY	Cooper	1384	CS1 (1, 2)				
KY	Cooper	1384	1	3,210	11,735	11,694	41
KY	Cooper	1384	2	6,608	15,075	11,695	3,380
KY	D B Wilson	6823	W1	12,465	11,334	10,613	721
KY	Dale	1385	CS2 (3, 4)				
KY	Dale	1385	3	1,984	3,475	3,423	52
KY	Dale	1385	4	1,847	3,476	3,423	53
KY	E W Brown	1355	1	3,066	13,631	8,549	5,082
KY	E W Brown	1355	CS003 (2, 3)				
KY	E W Brown	1355	2	5,807	23,584	10,025	13,559
KY	E W Brown	1355	3	11,254	50,873	30,523	20,350
KY	E W Brown	1355	5	0	100	1	99
KY	E W Brown	1355	6	0	90	3	87
KY	E W Brown	1355	7	0	90	2	88
KY	E W Brown	1355	8	0	100	2	98
KY	E W Brown	1355	9	0	100	1	99
KY	E W Brown	1355	10	0	100	1	99
KY	E W Brown	1355	11	0	100	0	100
KY	East Bend	6018	2	18,322	13,654	13,107	547
KY	Elmer Smith	1374	XS12 (1, 2)				
KY	Elmer Smith	1374	1	2,805	9,078	1,911	7,167
KY	Elmer Smith	1374	2	6,213	19,878	4,459	15,419
KY	Ghent	1356	1	12,252	96,751	4,786	91,965
KY	Ghent	1356	2	12,737	17,234	16,991	243
KY	Ghent	1356	CS002 (3,4)				
KY	Ghent	1356	3	13,960	15,105	14,878	227
KY	Ghent	1356	4	13,717	15,912	15,579	333
KY	Green River	1357	XS123 (1, 2, 3)				
KY	Green River	1357	1	130	135	135	0
KY	Green River	1357	2	851	1,528	131	1,397
KY	Green River	1357	3	744	1,265	120	1,145
KY	Green River	1357	4	2,826	8,665	8,292	373
KY	Green River	1357	5	3,372	11,050	10,675	375
KY	H L Spurlock	6041	1	9,824	26,128	18,589	7,539
KY	H L Spurlock	6041	2	16,591	58,017	18,794	39,223
KY	Henderson I	1372	6	810	4,087	518	3,569
KY	HMP&L Station 2	1382	H1	5,758	5,758	3,088	2,670
KY	HMP&L Station 2	1382	H2	5,936	5,936	3,316	2,620
KY	Mill Creek	1364	1	8,082	8,487	5,545	2,942
KY	Mill Creek	1364	2	8,142	8,443	4,915	3,528
KY	Mill Creek	1364	3	10,982	12,158	6,604	5,554
KY	Mill Creek	1364	4	13,622	12,865	5,451	7,414
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	Paddy's Run	1366	13	0	0	1	-1
KY	Paradise	1378	1	10,821	20,709	18,341	2,368

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2001 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2002	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2002	
KY	Paradise	1378	2	12,304	19,421	17,542	1,879	
KY	Paradise	1378	3	25,513	106,534	75,349	31,185	
KY	Pineville	1360	3	914	2,379	1,144	1,235	
KY	R D Green	6639	G1	5,294	2,103	1,231	872	
KY	R D Green	6639	G2	6,378	2,486	1,524	962	
KY	Riverside Generating Company	55198	GTG101	0	0	0	0	
KY	Riverside Generating Company	55198	GTG201	0	0	0	0	
KY	Riverside Generating Company	55198	GTG301	0	0	0	0	
KY	Robert Reid	1383	R1	942	10,782	9,897	885	
KY	Shawnee	1379	CSSH15 (1, 2, 3, 4, 5)					
KY	Shawnee	1379	1	3,644	4,293	3,059	1,234	
KY	Shawnee	1379	2	3,673	4,522	3,367	1,155	
KY	Shawnee	1379	3	3,708	4,394	3,495	899	
KY	Shawnee	1379	4	3,594	4,010	3,240	770	
KY	Shawnee	1379	5	3,826	4,257	2,893	1,364	
KY	Shawnee	1379	CSSH60 (6, 7, 8, 9, 10)					
KY	Shawnee	1379	6	3,712	4,820	2,965	1,855	
KY	Shawnee	1379	7	3,640	4,486	3,552	934	
KY	Shawnee	1379	8	3,571	4,265	3,361	904	
KY	Shawnee	1379	9	3,666	4,427	3,274	1,153	
KY	Shawnee	1379	10	4,895	7,094	2,222	4,872	
KY	Smith Generating Facility	54	SCT1	0	10	0	10	
KY	Smith Generating Facility	54	SCT2	0	9	0	9	
KY	Smith Generating Facility	54	SCT3	0	10	1	9	
KY	Smith Generating Facility	54	SCT4	0	20	0	20	
KY	Smith Generating Facility	54	SCT5	0	20	0	20	
KY	Trimble County	6071	1	9,634	11,942	7,723	4,219	
KY	Tyrone	1361	1	0	50	0	50	
KY	Tyrone	1361	2	0	50	0	50	
KY	Tyrone	1361	3	0	50	0	50	
KY	Tyrone	1361	4	0	50	0	50	
KY	Tyrone	1361	5	1,713	2,819	2,341	478	
LA	A B Paterson	1407	3	7	0	0	0	
LA	A B Paterson	1407	4	8	1	1	0	
LA	Arsenal Hill	1416	5A	30	39	1	38	
LA	Big Cajun 1	1464	1B1	27	33	0	33	
LA	Big Cajun 1	1464	1B2	27	37	0	37	
LA	Big Cajun 1	1464	CTG1	0	1	0	1	
LA	Big Cajun 1	1464	CTG2	0	1	0	1	
LA	Big Cajun 2	6055	2B1	14,868	16,170	16,160	10	
LA	Big Cajun 2	6055	2B2	14,640	17,060	17,050	10	
LA	Big Cajun 2	6055	2B3	14,657	17,052	17,007	45	
LA	Calcasieu Power	55165	GTG1	0	0	0	0	
LA	Calcasieu Power	55165	GTG2	0	0	0	0	
LA	D G Hunter	6558	3	0	0	0	0	
LA	D G Hunter	6558	4	32	49	0	49	
LA	Doc Bonin	1443	1	12	23	0	23	
LA	Doc Bonin	1443	2	24	47	0	47	
LA	Doc Bonin	1443	3	45	89	1	88	
LA	Dolet Hills	51	1	20,501	21,484	20,033	1,451	
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	90	1	89	

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LA	Evangeline (Coughlin)	1396	7-1	0	126	2	124	
LA	Evangeline (Coughlin)	1396	7-2	0	127	1	126	
LA	Houma	1439	15	10	20	0	20	
LA	Houma	1439	16	14	28	0	28	
LA	Lieberman	1417	3	86	115	100	15	
LA	Lieberman	1417	4	72	115	88	27	
LA	Little Gypsy	1402	1	245	489	2	487	
LA	Little Gypsy	1402	2	378	743	193	550	
LA	Little Gypsy	1402	3	543	1,081	6	1,075	
LA	Louisiana 1	1391	1A	116	74	3	71	
LA	Louisiana 1	1391	2A	2	4	1	3	
LA	Louisiana 1	1391	3A	2	40	3	37	
LA	Louisiana 1	1391	4A	0	11	7	4	
LA	Louisiana 1	1391	5A	0	16	11	5	
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	73	0	73	
LA	Michoud	1409	2	106	8	2	6	
LA	Michoud	1409	3	491	3,478	3,456	22	
LA	Monroe	1448	11	13	26	0	26	
LA	Monroe	1448	12	45	90	0	90	
LA	Morgan City	1449	4	5	10	0	10	
LA	Natchitoches	1450	10	0	1	0	1	
LA	Ninemile Point	1403	1	62	123	0	123	
LA	Ninemile Point	1403	2	112	222	1	221	
LA	Ninemile Point	1403	3	96	191	1	190	
LA	Ninemile Point	1403	4	691	1,219	178	1,041	
LA	Ninemile Point	1403	5	930	1,849	6	1,843	
LA	Opelousas	1454	10	1	2	0	2	
LA	R S Nelson	1393	3	39	41	2	39	
LA	R S Nelson	1393	4	123	124	6	118	
LA	R S Nelson	1393	6	19,569	18,331	16,703	1,628	
LA	Rodemacher	6190	1	3,249	6,362	534	5,828	
LA	Rodemacher	6190	2	18,909	23,115	12,062	11,053	
LA	Ruston	1458	2	4	8	0	8	
LA	Ruston	1458	3	5	10	0	10	
LA	Sterlington	1404	10	174	346	2	344	
LA	Sterlington	1404	7C	0	10	2	8	
LA	Sterlington	1404	7AB	72	127	1	126	
LA	Teche	1400	2	27	53	0	53	
LA	Teche	1400	3	446	834	73	761	
LA	Waterford 1 & 2	8056	1	4,554	7,925	4,693	3,232	
LA	Waterford 1 & 2	8056	2	3,535	6,443	2,286	4,157	
LA	Willow Glen	1394	1	99	12	1	11	
LA	Willow Glen	1394	2	26	69	54	15	
LA	Willow Glen	1394	3	93	23	3	20	
LA	Willow Glen	1394	4	291	193	50	143	
LA	Willow Glen	1394	5	458	2,980	2,013	967	
MA	ANP Blackstone Energy Company	55212	1	0	1	1	0	
MA	ANP Blackstone Energy Company	55212	2	0	1	1	0	
MA	Berkshire Power	55041	1	0	17	7	10	
MA	Brayton Point	1619	1	8,481	8,468	8,065	403	

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MA	Brayton Point	1619	2	8,911	9,262	8,821	441	
MA	Brayton Point	1619	3	18,625	20,351	19,382	969	
MA	Brayton Point	1619	4	12,139	4,393	4,184	209	
MA	Canal Station	1599	1	13,235	13,998	11,739	2,259	
MA	Canal Station	1599	2	17,999	12,972	11,488	1,484	
MA	Cannon Street	1616	3	374	0	0	0	
MA	Cleary Flood	1682	8	143	164	39	125	
MA	Cleary Flood	1682	9	2,679	2,701	168	2,533	
MA	Dighton	55026	1	0	32	2	30	
MA	Indeck Pepperell	10522	CC1	0	35	11	24	
MA	Kendall Square	1595	CS12 (1, 2)					
MA	Kendall Square	1595	1	199	353	53	300	
MA	Kendall Square	1595	2	208	370	53	317	
MA	Kendall Square	1595	3	421	748	169	579	
MA	Lowell Cogeneration Company	10802	001	0	5	1	4	
MA	Lowell Power. LLC	54586	1	0	30	4	26	
MA	Millennium Power Partners	55079	1	0	5	3	2	
MA	Mount Tom	1606	1	5,611	10,678	7,917	2,761	
MA	Mystic	1588	4	2,607	911	874	37	
MA	Mystic	1588	5	3,092	968	712	256	
MA	Mystic	1588	6	3,076	736	346	390	
MA	Mystic	1588	7	17,244	12,177	5,331	6,846	
MA	New Boston	1589	1	6,158	115	1	114	
MA	New Boston	1589	2	6,324	87	3	84	
MA	Salem Harbor	1626	1	3,339	3,518	3,350	168	
MA	Salem Harbor	1626	2	3,408	2,825	2,695	130	
MA	Salem Harbor	1626	3	5,461	5,746	5,472	274	
MA	Salem Harbor	1626	4	12,571	7,122	6,783	339	
MA	Somerset	1613	1	0	0	0	0	
MA	Somerset	1613	2	0	0	0	0	
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	3,898	0	3,898	
MA	Somerset	1613	8	3,985	4,579	4,528	51	
MA	West Springfield	1642	1	378	0	0	0	
MA	West Springfield	1642	2	356	0	0	0	
MA	West Springfield	1642	3	3,012	2,632	735	1,897	
MD	Brandon Shores	602	1	18,510	22,680	20,235	2,445	
MD	Brandon Shores	602	2	7,795	30,565	26,531	4,034	
MD	C P Crane	1552	1	4,349	13,263	13,184	79	
MD	C P Crane	1552	2	4,043	19,112	18,867	245	
MD	Chalk Point	1571	CSE12 (1, 2)					
MD	Chalk Point	1571	1	9,202	18,146	16,843	1,303	
MD	Chalk Point	1571	2	10,219	15,545	15,179	366	
MD	Chalk Point	1571	3	12,503	4,363	4,113	250	
MD	Chalk Point	1571	4	2,600	2,385	2,228	157	
MD	Chalk Point	1571	**GT3	707	109	44	65	
MD	Chalk Point	1571	**GT4	707	59	22	37	
MD	Chalk Point	1571	**GT5	894	71	14	57	
MD	Chalk Point	1571	**GT6	894	34	0	34	
MD	Dickerson	1572	XS123 (1, 2, 3)					

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MD	Dickerson	1572	1	5,848	12,201	11,591	610	
MD	Dickerson	1572	2	5,500	12,387	11,776	611	
MD	Dickerson	1572	3	5,846	10,787	10,275	512	
MD	Dickerson	1572	CW1	0	0	0	0	
MD	Dickerson	1572	GT2	1,082	39	17	22	
MD	Dickerson	1572	GT3	1,082	37	7	30	
MD	Dickerson	1572	HCT3	0	0	0	0	
MD	Dickerson	1572	HCT4	0	0	0	0	
MD	Easton 2	4257	**25	64	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	1,311	1,208	103	
MD	Herbert A Wagner	1554	1	1,291	1,611	595	1,016	
MD	Herbert A Wagner	1554	2	1,299	7,317	5,279	2,038	
MD	Herbert A Wagner	1554	3	8,381	14,216	12,242	1,974	
MD	Herbert A Wagner	1554	4	1,520	2,443	2,292	151	
MD	Morgantown	1573	1	16,932	36,499	34,771	1,728	
MD	Morgantown	1573	2	16,189	42,556	40,565	1,991	
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	
MD	Perryman	1556	**51	1,131	122	85	37	
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	601	501	100	
MD	R P Smith	1570	11	2,314	4,130	4,030	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	8	0	8	
MD	Riverside	1559	5	294	0	0	0	
MD	Vienna	1564	8	3,645	3,978	1,988	1,990	
MD	Westport	1560	3	186	0	0	0	
MD	Westport	1560	4	258	0	0	0	
ME	Androscoggin Cogeneration Center	55031	CT01	0	1	1	0	
ME	Androscoggin Cogeneration Center	55031	CT02	0	2	1	1	
ME	Androscoggin Cogeneration Center	55031	CT03	0	4	1	3	
ME	Bucksport Clean Energy	55180	GEN4	0	100	4	96	
ME	Graham Station	1470	5	344	6	0	6	
ME	Maine Independence Station	55068	1	0	8	4	4	
ME	Maine Independence Station	55068	2	0	8	4	4	
ME	Mason Steam	1496	3	2	6	2	4	
ME	Mason Steam	1496	4	1	4	2	2	
ME	Mason Steam	1496	5	1	5	2	3	
ME	Rumford Power Associates	55100	1	0	32	4	28	
ME	Westbrook Energy Center	55294	1	0	3	3	0	
ME	Westbrook Energy Center	55294	2	0	3	3	0	
ME	William F Wyman	1507	1	1,159	1,365	939	426	
ME	William F Wyman	1507	2	1,161	1,446	799	647	
ME	William F Wyman	1507	3	2,946	3,840	3,046	794	
ME	William F Wyman	1507	4	6,274	7,870	2,003	5,867	
MI	48th Street Peaking Station	7258	9	0	20	0	20	

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MI	48th Street Peaking Station	7258	**7	298	181	2	179	
MI	48th Street Peaking Station	7258	**8	298	185	4	181	
MI	B C Cobb	1695	1	1,142	61,479	0	61,479	
MI	B C Cobb	1695	2	1,229	3,251	0	3,251	
MI	B C Cobb	1695	3	1,223	2,446	0	2,446	
MI	B C Cobb	1695	4	5,192	7,863	7,148	715	
MI	B C Cobb	1695	5	4,695	6,254	5,689	565	
MI	Belle River	6034	1	18,505	14,989	14,467	522	
MI	Belle River	6034	2	18,769	17,138	14,184	2,954	
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	Conners Creek	1726	15	4,285	3,274	0	3,274	
MI	Conners Creek	1726	16	4,279	5,260	0	5,260	
MI	Conners Creek	1726	17	4,034	8,068	0	8,068	
MI	Conners Creek	1726	18	3,353	6,706	0	6,706	
MI	Dan E Karn	1702	1	7,811	11,934	7,579	4,355	
MI	Dan E Karn	1702	2	9,344	13,527	8,705	4,822	
MI	Dan E Karn	1702	CS0009 (3, 4)					
MI	Dan E Karn	1702	3	1,020	2,694	2,449	245	
MI	Dan E Karn	1702	4	948	2,342	2,129	213	
MI	Dearborn Industrial Generation	55088	GTP1	0	0	0	0	
MI	Delray	1728	7	0	0	0	0	
MI	Delray	1728	8	12	24	0	24	
MI	Delray	1728	9	0	0	0	0	
MI	Delray	1728	10	14	28	0	28	
MI	Delray	1728	11	0	0	0	0	
MI	Delray	1728	12	14	28	0	28	
MI	Delray	1728	CTG111	0	5	0	5	
MI	Delray	1728	CTG121	0	5	0	5	
MI	Eckert Station	1831	1	1,298	1,817	671	1,146	
MI	Eckert Station	1831	2	1,354	1,981	688	1,293	
MI	Eckert Station	1831	3	1,327	2,078	592	1,486	
MI	Eckert Station	1831	4	2,223	2,671	1,658	1,013	
MI	Eckert Station	1831	5	2,666	3,499	1,637	1,862	
MI	Eckert Station	1831	6	2,343	3,698	1,298	2,400	
MI	Endicott Generating	4259	1	1,810	2,865	971	1,894	
MI	Erickson	1832	1	6,646	6,788	4,949	1,839	
MI	Greenwood	6035	1	539	1,078	819	259	
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	4,794	1,495	3,299	
MI	J B Sims	1825	3	1,484	2,342	717	1,625	
MI	J C Weadock	1720	CS0009 (7, 8)					
MI	J C Weadock	1720	7	4,745	6,522	4,076	2,446	
MI	J C Weadock	1720	8	4,691	6,376	5,491	885	
MI	J H Campbell	1710	CS0009 (1, 2)					
MI	J H Campbell	1710	1	8,098	14,401	6,350	8,051	
MI	J H Campbell	1710	2	9,685	15,849	11,638	4,211	
MI	J H Campbell	1710	3	27,481	30,708	25,525	5,183	
MI	J R Whiting	1723	1	3,412	4,216	3,455	761	
MI	J R Whiting	1723	2	3,494	4,888	3,902	986	

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MI	J R Whiting	1723	3	4,468	5,712	4,224	1,488	
MI	James De Young	1830	5	1,048	1,458	1,406	52	
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	
MI	Livingston Generating Station	55102	4	0	0	0	0	
MI	Marysville	1732	CS0001 (9, 10)					
MI	Marysville	1732	9	1,637	2,961	317	2,644	
MI	Marysville	1732	10	1,261	2,070	253	1,817	
MI	Marysville	1732	CS0002 (11, 12)					
MI	Marysville	1732	11	1,315	2,315	253	2,062	
MI	Marysville	1732	12	1,061	1,728	310	1,418	
MI	Michigan Power Limited Partnership	54915	1	0	4	2	2	
MI	Mirant Zeeland	55087	CC1	0	1	0	1	
MI	Mirant Zeeland	55087	CC2	0	1	0	1	
MI	Mistersky	1822	5	257	513	1	512	
MI	Mistersky	1822	6	437	871	2	869	
MI	Mistersky	1822	7	485	968	3	965	
MI	Monroe	1733	CS0012 (1, 2)					
MI	Monroe	1733	1	23,839	26,468	19,923	6,545	
MI	Monroe	1733	2	24,740	38,614	24,467	14,147	
MI	Monroe	1733	CS0034 (3, 4)					
MI	Monroe	1733	3	23,159	45,542	28,636	16,906	
MI	Monroe	1733	4	25,433	47,057	29,721	17,336	
MI	Presque Isle	1769	CS4 (1, 2, 3, 4)					
MI	Presque Isle	1769	2	637	571	532	39	
MI	Presque Isle	1769	3	1,907	2,263	2,146	117	
MI	Presque Isle	1769	4	1,677	2,835	2,692	143	
MI	Presque Isle	1769	5	2,934	3,784	3,600	184	
MI	Presque Isle	1769	6	2,941	4,398	4,181	217	
MI	Presque Isle	1769	7	2,216	1,848	1,742	106	
MI	Presque Isle	1769	8	2,192	1,803	1,708	95	
MI	Presque Isle	1769	9	2,346	1,826	1,725	101	
MI	River Rouge	1740	1	79	4	0	4	
MI	River Rouge	1740	2	6,323	6,707	4,373	2,334	
MI	River Rouge	1740	3	9,103	11,657	7,504	4,153	
MI	Shiras	1843	3	500	644	288	356	
MI	St. Clair	1743	1	3,666	4,948	4,948	0	
MI	St. Clair	1743	2	3,543	5,747	5,747	0	
MI	St. Clair	1743	3	3,525	4,707	4,707	0	
MI	St. Clair	1743	4	3,396	4,963	4,963	0	
MI	St. Clair	1743	5	0	0	0	0	
MI	St. Clair	1743	6	7,342	11,788	11,788	0	
MI	St. Clair	1743	7	13,459	13,459	6,333	7,126	
MI	Trenton Channel	1745	CS0006 (16, 17, 18, 19)					
MI	Trenton Channel	1745	16	3,292	2,795	2,795	0	
MI	Trenton Channel	1745	17	767	2,635	2,635	0	
MI	Trenton Channel	1745	18	3,563	3,135	2,756	379	
MI	Trenton Channel	1745	19	698	2,788	2,788	0	
MI	Trenton Channel	1745	9A	14,507	17,693	17,693	0	
MI	Wyandotte	1866	5	960	253	0	253	
MI	Wyandotte	1866	7	953	1,503	1,310	193	

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MI	Wyandotte	1866	8	0	310	310	0	
MN	Allen S King	1915	1	15,628	22,342	22,342	0	
MN	Black Dog	1904	CS1 (1, 2, 3, 4)					
MN	Black Dog	1904	1	1,914	3,818	0	3,818	
MN	Black Dog	1904	2	3,683	7,355	0	7,355	
MN	Black Dog	1904	3	2,275	3,480	1,070	2,410	
MN	Black Dog	1904	4	4,056	5,760	1,198	4,562	
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	11,071	11,038	33	
MN	Clay Boswell	1893	4	10,324	4,761	3,913	848	
MN	Cottage Grove	55010	01	0	4	1	3	
MN	Fox Lake	1888	3	2,069	4,137	248	3,889	
MN	High Bridge	1912	CS0001 (3, 4, 5, 6)					
MN	High Bridge	1912	3	2,118	7,178	133	7,045	
MN	High Bridge	1912	4	1,458	4,244	354	3,890	
MN	High Bridge	1912	5	2,194	4,164	1,088	3,076	
MN	High Bridge	1912	6	1,852	9,558	2,041	7,517	
MN	Hoot Lake	1943	2	1,242	2,115	1,272	843	
MN	Hoot Lake	1943	3	1,978	2,518	1,597	921	
MN	Hutchinson - Plant 2	6358	1	0	2	0	2	
MN	Lakefield Junction Generating	55140	CT01	0	10	0	10	
MN	Lakefield Junction Generating	55140	CT02	0	10	0	10	
MN	Lakefield Junction Generating	55140	CT03	0	10	0	10	
MN	Lakefield Junction Generating	55140	CT04	0	10	0	10	
MN	Lakefield Junction Generating	55140	CT05	0	10	0	10	
MN	Lakefield Junction Generating	55140	CT06	0	10	0	10	
MN	M L Hibbard	1897	CS0001 (3, 4)					
MN	M L Hibbard	1897	3	987	101	95	6	
MN	M L Hibbard	1897	4	1,094	101	95	6	
MN	Minnesota River Station	7844	U001	0	0	0	0	
MN	Minnesota Valley	1918	4	938	1,874	3	1,871	
MN	Northeast Station	1961	NEPP	1,052	3,795	2,205	1,590	
MN	Pleasant Valley Station	7843	11	0	10	0	10	
MN	Pleasant Valley Station	7843	12	0	10	2	8	
MN	Riverside (1927)	1927	XS67 (6, 7)					
MN	Riverside (1927)	1927	6	3,076	4,768	950	3,818	
MN	Riverside (1927)	1927	7	1,339	1,573	951	622	
MN	Riverside (1927)	1927	8	5,068	11,085	10,806	279	
MN	Sherburne County	6090	CS1 (1, 2)					
MN	Sherburne County	6090	1	13,091	17,808	5,585	12,223	
MN	Sherburne County	6090	2	13,184	17,783	6,093	11,690	
MN	Sherburne County	6090	3	12,956	14,184	11,921	2,263	
MN	Silver Lake	2008	4	3,133	4,236	1,606	2,630	
MN	Syl Laskin	1891	CS0001 (1, 2)					
MN	Syl Laskin	1891	1	1,692	867	805	62	
MN	Syl Laskin	1891	2	1,649	862	805	57	
MO	Asbury	2076	1	6,975	46,110	2,216	43,894	
MO	Audrain Generating Station	55234	CT1	0	1	0	1	
MO	Audrain Generating Station	55234	CT2	0	1	0	1	
MO	Audrain Generating Station	55234	CT3	0	1	0	1	
MO	Audrain Generating Station	55234	CT4	0	1	0	1	

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MO	Audrain Generating Station	55234	CT5	0	1	0	1
MO	Audrain Generating Station	55234	CT6	0	1	0	1
MO	Audrain Generating Station	55234	CT7	0	1	0	1
MO	Audrain Generating Station	55234	CT8	0	1	0	1
MO	Blue Valley	2132	3	4,670	5,437	4,676	761
MO	Chamois	2169	2	5,457	5,504	1,267	4,237
MO	Columbia	2123	CS5 (6, 7)				
MO	Columbia	2123	6	903	895	260	635
MO	Columbia	2123	7	3,631	2,160	260	1,900
MO	Columbia	2123	8	125	125	0	125
MO	Columbia Energy Center (MO)	55447	CT01	0	5	0	5
MO	Columbia Energy Center (MO)	55447	CT02	0	5	0	5
MO	Columbia Energy Center (MO)	55447	CT03	0	5	0	5
MO	Columbia Energy Center (MO)	55447	CT04	0	5	0	5
MO	Combustion Turbine 1	7160	**1	887	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	887	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	0	0	0
MO	Hawthorn	2079	6	0	4	0	4
MO	Hawthorn	2079	7	0	5	0	5
MO	Hawthorn	2079	8	0	5	0	5
MO	Hawthorn	2079	9	0	5	1	4
MO	Hawthorn	2079	5A	0	6,412	3,042	3,370
MO	Iatan	6065	1	16,208	18,986	16,283	2,703
MO	Iatan	6065	**2	0	0	0	0
MO	James River	2161	3	3,327	3,687	1,254	2,433
MO	James River	2161	4	5,975	3,714	1,395	2,319
MO	James River	2161	5	2,133	3,706	2,613	1,093
MO	James River	2161	**GT2	604	108	0	108
MO	Jim Hill	2073	**1	0	0	0	0
MO	Labadie	2103	1	17,553	13,043	11,832	1,211
MO	Labadie	2103	2	16,363	10,647	9,456	1,191
MO	Labadie	2103	3	17,487	13,244	11,758	1,486
MO	Labadie	2103	4	15,584	12,473	11,183	1,290
MO	Lake Road	2098	6	605	2,408	2,243	165
MO	MEP Pleasant Hill-Aries Power Proj	55178	CT-1	0	1	0	1
MO	MEP Pleasant Hill-Aries Power Proj	55178	CT-1	0	1	0	1
MO	Meramec	2104	1	2,745	3,123	2,035	1,088
MO	Meramec	2104	2	2,778	3,280	1,983	1,297
MO	Meramec	2104	3	6,058	9,465	8,579	886
MO	Meramec	2104	4	7,175	11,148	10,039	1,109
MO	Montrose	2080	1	3,189	5,808	4,193	1,615
MO	Montrose	2080	CS023 (2, 3)				
MO	Montrose	2080	2	3,535	5,847	5,271	576
MO	Montrose	2080	3	4,349	9,048	5,710	3,338
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

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MO	New Madrid	2167	1	12,178	12,279	6,988	5,291	
MO	New Madrid	2167	2	14,009	14,125	7,521	6,604	
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	
MO	Rg 1 & 2	212	**2	0	0	0	0	
MO	Rush Island	6155	1	14,960	10,298	8,963	1,335	
MO	Rush Island	6155	2	15,652	12,125	10,912	1,213	
MO	Sibley	2094	CS0001 (1, 2, 3)					
MO	Sibley	2094	1	519	1,121	526	595	
MO	Sibley	2094	2	638	2,777	1,580	1,197	
MO	Sibley	2094	3	7,634	13,925	8,424	5,501	
MO	Sikeston	6768	1	6,791	7,689	6,796	893	
MO	Sioux	2107	1	10,823	17,543	16,198	1,345	
MO	Sioux	2107	2	9,492	24,973	23,544	1,429	
MO	Southwest	6195	1	4,184	5,823	3,632	2,191	
MO	St. Francis	7604	1	0	49	1	48	
MO	St. Francis	7604	2	0	25	1	24	
MO	State Line (MO)	7296	1	0	28	0	28	
MO	State Line (MO)	7296	2-1	0	110	1	109	
MO	State Line (MO)	7296	2-2	0	109	1	108	
MO	Thomas Hill	2168	MB1	4,421	4,458	2,503	1,955	
MO	Thomas Hill	2168	MB2	7,432	7,492	4,793	2,699	
MO	Thomas Hill	2168	MB3	18,257	18,412	11,628	6,784	
MS	Attala Generating Plant	55220	A01	0	2	1	1	
MS	Attala Generating Plant	55220	A02	0	2	1	1	
MS	Batesville Generation Facility	55063	1	0	3	1	2	
MS	Batesville Generation Facility	55063	2	0	3	1	2	
MS	Batesville Generation Facility	55063	3	0	4	1	3	
MS	Baxter Wilson	2050	1	360	12,162	12,145	17	
MS	Baxter Wilson	2050	2	3,564	22,014	21,973	41	
MS	Caledonia Power I	2783	AA-001	0	3	0	3	
MS	Caledonia Power I	2783	AA-002	0	3	0	3	
MS	Caledonia Power I	2783	AA-003	0	3	0	3	
MS	Caledonia Power I	2783	AA-004	0	3	0	3	
MS	Caledonia Power I	2783	AA-005	0	3	0	3	
MS	Caledonia Power I	2783	AA-006	0	3	0	3	
MS	Chevron Cogenerating Station	2047	5	0	39	9	30	
MS	Daniel Electric Generating Plant	6073	1	11,228	14,290	13,459	831	
MS	Daniel Electric Generating Plant	6073	2	14,277	15,907	15,336	571	
MS	Daniel Electric Generating Plant	6073	3A	0	20	3	17	
MS	Daniel Electric Generating Plant	6073	3B	0	20	3	17	
MS	Daniel Electric Generating Plant	6073	4A	0	20	3	17	
MS	Daniel Electric Generating Plant	6073	4B	0	20	3	17	
MS	Delta	2051	1	26	431	386	45	
MS	Delta	2051	2	50	2,479	2,405	74	
MS	Duke Energy Hinds	55218	H01	0	6	1	5	
MS	Duke Energy Hinds	55218	H02	0	6	1	5	
MS	Duke Energy New Albany, LLC	13213	AA-001	0	1	0	1	
MS	Duke Energy New Albany, LLC	13213	AA-002	0	1	0	1	
MS	Duke Energy New Albany, LLC	13213	AA-003	0	1	0	1	
MS	Duke Energy New Albany, LLC	13213	AA-004	0	1	0	1	
MS	Duke Energy New Albany, LLC	13213	AA-005	0	1	0	1	

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MS	Duke Energy New Albany, LLC	13213	AA-006	0	1	0	1
MS	Gerald Andrus	8054	1	3,282	32,786	32,725	61
MS	Moselle	2070	1	35	68	1	67
MS	Moselle	2070	2	76	141	1	140
MS	Moselle	2070	3	42	82	1	81
MS	Moselle	2070	**4	676	10	0	10
MS	Moselle	2070	**5	206	0	0	0
MS	Moselle	2070	**6	0	0	0	0
MS	Moselle	2070	**7	0	0	0	0
MS	Natchez	2052	1	2	4	0	4
MS	R D Morrow	6061	1	4,800	7,076	3,380	3,696
MS	R D Morrow	6061	2	5,254	9,356	4,768	4,588
MS	Rex Brown	2053	3	41	12	0	12
MS	Rex Brown	2053	4	159	11	2	9
MS	Rex Brown	2053	1A	6	7	0	7
MS	Rex Brown	2053	1B	6	7	0	7
MS	Sweatt Electric Generating Plant	2048	1	78	56	0	56
MS	Sweatt Electric Generating Plant	2048	2	86	68	0	68
MS	Warren Peaking Power Facility	55303	AA-001	0	0	0	0
MS	Warren Peaking Power Facility	55303	AA-002	0	0	0	0
MS	Warren Peaking Power Facility	55303	AA-003	0	0	0	0
MS	Warren Peaking Power Facility	55303	AA-004	0	0	0	0
MS	Watson Electric Generating Plant	2049	1	172	42	0	42
MS	Watson Electric Generating Plant	2049	2	180	59	0	59
MS	Watson Electric Generating Plant	2049	3	273	45	0	45
MS	Watson Electric Generating Plant	2049	4	7,525	17,928	8,771	9,157
MS	Watson Electric Generating Plant	2049	5	15,415	37,671	22,980	14,691
MS	Wright	2063	W4	0	0	0	0
MT	Colstrip	6076	1	7,859	7,163	7,090	73
MT	Colstrip	6076	2	7,870	7,625	7,584	41
MT	Colstrip	6076	3	4,405	2,902	2,876	26
MT	Colstrip	6076	4	2,917	2,943	2,915	28
MT	Frank Bird	2184	1	0	0	0	0
MT	J E Corette	2187	2	5,062	2,706	2,691	15
MT	Lewis & Clark	6089	B1	1,444	1,747	1,247	500
NC	Asheville	2706	1	6,622	9,225	9,125	100
NC	Asheville	2706	2	5,261	8,106	8,004	102
NC	Asheville	2706	3	0	10	6	4
NC	Asheville	2706	4	0	10	4	6
NC	Belews Creek	8042	1	30,911	46,261	42,056	4,205
NC	Belews Creek	8042	2	32,560	45,123	41,021	4,102
NC	Buck	2720	5	1,031	1,100	684	416
NC	Buck	2720	6	589	709	644	65
NC	Buck	2720	7	1,058	1,142	665	477
NC	Buck	2720	8	2,322	4,206	3,838	368
NC	Buck	2720	9	2,871	3,712	3,374	338
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	5,476	5,376	100
NC	Cape Fear	2708	6	3,913	5,616	5,516	100
NC	Cliffside	2721	1	898	1,017	730	287
NC	Cliffside	2721	2	872	994	721	273
NC	Cliffside	2721	3	1,291	1,567	1,391	176

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NC	Cliffside	2721	4	1,305	1,394	1,162	232	
NC	Cliffside	2721	5	14,040	28,112	25,556	2,556	
NC	Dan River	2723	1	1,909	2,041	959	1,082	
NC	Dan River	2723	2	2,779	2,924	1,051	1,873	
NC	Dan River	2723	3	2,792	3,101	2,402	699	
NC	Elizabethtown Power	10380	UNIT1	0	313	285	28	
NC	Elizabethtown Power	10380	UNIT2	0	288	262	26	
NC	G G Allen	2718	1	2,427	3,741	3,400	341	
NC	G G Allen	2718	2	2,813	6,320	5,745	575	
NC	G G Allen	2718	3	6,121	9,572	8,661	911	
NC	G G Allen	2718	4	5,744	10,456	9,505	951	
NC	G G Allen	2718	5	5,971	10,686	9,715	971	
NC	L V Sutton	2713	CS0002 (1, 2)					
NC	L V Sutton	2713	1	2,051	2,839	2,738	101	
NC	L V Sutton	2713	2	2,270	2,841	2,739	102	
NC	L V Sutton	2713	3	8,298	14,843	14,743	100	
NC	Lee	2709	1	1,636	3,266	2,841	425	
NC	Lee	2709	2	1,685	2,861	2,759	102	
NC	Lee	2709	3	5,764	10,221	10,121	100	
NC	Lee	2709	10	0	10	7	3	
NC	Lee	2709	11	0	10	8	2	
NC	Lee	2709	12	0	10	5	5	
NC	Lee	2709	13	0	10	4	6	
NC	Lincoln	7277	1	0	4	2	2	
NC	Lincoln	7277	2	0	3	2	1	
NC	Lincoln	7277	3	0	5	2	3	
NC	Lincoln	7277	4	0	4	2	2	
NC	Lincoln	7277	5	0	3	1	2	
NC	Lincoln	7277	6	0	3	2	1	
NC	Lincoln	7277	7	0	5	2	3	
NC	Lincoln	7277	8	0	3	2	1	
NC	Lincoln	7277	9	0	4	2	2	
NC	Lincoln	7277	10	0	4	2	2	
NC	Lincoln	7277	11	0	4	2	2	
NC	Lincoln	7277	12	0	4	2	2	
NC	Lincoln	7277	13	0	3	1	2	
NC	Lincoln	7277	14	0	4	1	3	
NC	Lincoln	7277	15	0	3	1	2	
NC	Lincoln	7277	16	0	3	1	2	
NC	Lumberton Power	10382	UNIT1	0	288	262	26	
NC	Lumberton Power	10382	UNIT2	0	766	696	70	
NC	Marshall	2727	1	8,765	17,446	15,864	1,582	
NC	Marshall	2727	2	9,265	13,290	12,086	1,204	
NC	Marshall	2727	3	15,864	30,504	27,731	2,773	
NC	Marshall	2727	4	15,136	23,790	21,610	2,180	
NC	Mayo	6250	CS0005 (1A, 1B)					
NC	Mayo	6250	1A	12,785	13,409	12,972	437	
NC	Mayo	6250	1B	12,785	13,409	12,971	438	
NC	Richmond County Plant	7805	1	0	10	1	9	
NC	Richmond County Plant	7805	2	0	10	1	9	
NC	Richmond County Plant	7805	3	0	10	1	9	
NC	Richmond County Plant	7805	4	0	10	1	9	
NC	Riverbend	2732	7	2,152	3,553	3,218	335	

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NC	Riverbend	2732	8	2,113	3,189	2,904	285	
NC	Riverbend	2732	9	2,267	6,157	5,597	560	
NC	Riverbend	2732	10	2,626	6,288	5,717	571	
NC	Rockingham Power	55116	CT1	0	2	1	1	
NC	Rockingham Power	55116	CT2	0	2	1	1	
NC	Rockingham Power	55116	CT3	0	2	0	2	
NC	Rockingham Power	55116	CT4	0	1	0	1	
NC	Rockingham Power	55116	CT5	0	2	1	1	
NC	Rowan County Plant	7826	1	0	10	1	9	
NC	Rowan County Plant	7826	2	0	10	0	10	
NC	Rowan County Plant	7826	3	0	10	0	10	
NC	Roxboro	2712	1	11,088	15,561	15,458	103	
NC	Roxboro	2712	2	19,642	27,660	27,470	190	
NC	Roxboro	2712	CS0003 (3A, 3B)					
NC	Roxboro	2712	3A	9,096	14,722	14,606	116	
NC	Roxboro	2712	3B	9,096	14,706	14,605	101	
NC	Roxboro	2712	CS0004 (4A, 4B)					
NC	Roxboro	2712	4A	10,407	11,133	11,034	99	
NC	Roxboro	2712	4B	10,407	11,133	11,033	100	
NC	W H Weatherspoon	2716	CS0001 (1, 2)					
NC	W H Weatherspoon	2716	1	1,122	2,069	1,955	114	
NC	W H Weatherspoon	2716	2	1,125	2,054	1,955	99	
NC	W H Weatherspoon	2716	3	1,626	2,991	2,891	100	
ND	Antelope Valley	6469	B1	11,947	11,104	6,843	4,261	
ND	Antelope Valley	6469	B2	11,131	6,031	5,226	805	
ND	Coal Creek	6030	1	23,310	17,310	14,630	2,680	
ND	Coal Creek	6030	2	21,187	15,187	11,683	3,504	
ND	Coyote	8222	B1	16,182	17,788	16,255	1,533	
ND	Leland Olds	2817	1	9,105	15,996	15,237	759	
ND	Leland Olds	2817	2	26,401	40,539	36,219	4,320	
ND	Milton R Young	2823	B1	12,951	25,468	23,179	2,289	
ND	Milton R Young	2823	B2	15,885	12,942	12,377	565	
ND	R M Heskett	2790	B2	3,202	4,586	2,625	1,961	
ND	Stanton	2824	1	7,447	11,634	9,424	2,210	
ND	Stanton	2824	10	1,334	1,695	1,235	460	
NE	Bluffs	2276	4	18	0	0	0	
NE	C W Burdick	2241	B-3	0	9	0	9	
NE	Canaday	2226	1	627	10	6	4	
NE	Gerald Gentleman Station	6077	1	10,805	19,733	16,694	3,039	
NE	Gerald Gentleman Station	6077	2	17,572	17,898	14,603	3,295	
NE	Gerald Whelan Energy Center	60	1	2,335	2,506	2,008	498	
NE	Harold Kramer	2269	1	38	0	0	0	
NE	Harold Kramer	2269	2	40	0	0	0	
NE	Harold Kramer	2269	3	1,052	0	0	0	
NE	Harold Kramer	2269	4	2,079	0	0	0	
NE	Lon D Wright Power Plant	2240	8	2,044	3,247	1,088	2,159	
NE	NA 1 -- 7019	7019	**NA1	676	0	0	0	
NE	Nebraska City	6096	1	13,194	16,301	16,206	95	
NE	North Omaha	2291	CS000A (1, 2, 3)					
NE	North Omaha	2291	1	2,388	2,731	1,659	1,072	
NE	North Omaha	2291	2	3,287	4,528	2,488	2,040	
NE	North Omaha	2291	3	3,208	4,370	1,752	2,618	
NE	North Omaha	2291	4	3,849	4,825	2,318	2,507	

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NE	North Omaha	2291	5	4,647	5,663	3,582	2,081	
NE	Platte	59	1	2,927	3,347	2,436	911	
NE	Rokeby	6373	2	0	10	0	10	
NE	Rokeby	6373	3	0	10	0	10	
NE	Sarpy County Station	2292	CT3	0	1	1	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	6,317	2,698	3,619	
NE	Sheldon	2277	2	2,280	3,395	2,712	683	
NH	Merrimack	2364	1	4,288	13,582	13,267	315	
NH	Merrimack	2364	2	9,242	25,591	25,133	458	
NH	Newington	8002	1	11,663	6,074	3,391	2,683	
NH	Schiller	2367	4	1,514	2,646	2,330	316	
NH	Schiller	2367	5	1,457	2,532	2,076	456	
NH	Schiller	2367	6	1,643	2,492	1,930	562	
NJ	B L England	2378	1	3,811	12,126	11,888	238	
NJ	B L England	2378	2	4,931	958	939	19	
NJ	B L England	2378	3	2,420	1,139	1,117	22	
NJ	Bergen	2398	1	1,978	974	0	974	
NJ	Bergen	2398	2	2,044	1	0	1	
NJ	Bergen	2398	1101	0	94	1	93	
NJ	Bergen	2398	1201	0	4	1	3	
NJ	Bergen	2398	1301	0	4	1	3	
NJ	Bergen	2398	1401	0	4	1	3	
NJ	Burlington	2399	7	561	0	0	0	
NJ	Burlington	2399	101	0	2	1	1	
NJ	Burlington	2399	102	0	2	1	1	
NJ	Burlington	2399	103	0	2	0	2	
NJ	Burlington	2399	104	0	2	1	1	
NJ	Burlington	2399	121	0	4	1	3	
NJ	Burlington	2399	122	0	13	2	11	
NJ	Burlington	2399	123	0	7	3	4	
NJ	Burlington	2399	124	0	6	2	4	
NJ	Butler	7152	**1	295	0	0	0	
NJ	Deepwater	2384	1	1,164	92	0	92	
NJ	Deepwater	2384	3	11	22	0	22	
NJ	Deepwater	2384	4	59	118	0	118	
NJ	Deepwater	2384	5	5	10	0	10	
NJ	Deepwater	2384	6	59	118	0	118	
NJ	Deepwater	2384	8	2,744	3,447	2,934	513	
NJ	Deepwater	2384	9	1,814	1,066	0	1,066	
NJ	Gilbert	2393	1	60	0	0	0	
NJ	Gilbert	2393	2	37	0	0	0	
NJ	Gilbert	2393	3	700	0	0	0	
NJ	Gilbert	2393	9	0	6	4	2	
NJ	Gilbert	2393	04	600	6	4	2	
NJ	Gilbert	2393	05	596	6	4	2	
NJ	Gilbert	2393	06	593	6	4	2	
NJ	Gilbert	2393	07	605	6	4	2	
NJ	Hudson	2403	1	1,197	158	144	14	
NJ	Hudson	2403	2	15,972	19,417	19,021	396	

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NJ	Kearny	2404	7	145	87	62	25	
NJ	Kearny	2404	8	153	77	47	30	
NJ	Kearny	2404	121	0	12	0	12	
NJ	Kearny	2404	122	0	14	1	13	
NJ	Kearny	2404	123	0	11	0	11	
NJ	Kearny	2404	124	0	13	0	13	
NJ	Linden	2406	2	644	715	116	599	
NJ	Linden	2406	4	423	0	0	0	
NJ	Linden	2406	5	0	2	1	1	
NJ	Linden	2406	6	0	2	0	2	
NJ	Linden	2406	7	0	15	2	13	
NJ	Linden	2406	8	0	1	0	1	
NJ	Linden	2406	11	968	829	18	811	
NJ	Linden	2406	12	665	6	0	6	
NJ	Linden	2406	13	877	81	14	67	
NJ	Mercer	2408	1	7,683	7,085	7,074	11	
NJ	Mercer	2408	2	7,439	6,378	6,361	17	
NJ	NA 1 -- 7139	7139	**1	844	0	0	0	
NJ	NA 2 -- 7140	7140	**1	2,533	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	Newark Bay Cogen	50385	1001	0	5	1	4	
NJ	Newark Bay Cogen	50385	2001	0	5	1	4	
NJ	Pedricktown Cogeneration	10099	001001	0	6	4	2	
NJ	Pedricktown Cogeneration	10099	005004	0	2	0	2	
NJ	Sayreville	2390	2	2	0	0	0	
NJ	Sayreville	2390	3	2	0	0	0	
NJ	Sayreville	2390	5	41	0	0	0	
NJ	Sayreville	2390	6	39	0	0	0	
NJ	Sayreville	2390	07	766	2	0	2	
NJ	Sayreville	2390	08	892	3	1	2	
NJ	Sewaren	2411	1	117	198	134	64	
NJ	Sewaren	2411	2	340	110	95	15	
NJ	Sewaren	2411	3	254	360	144	216	
NJ	Sewaren	2411	4	574	644	115	529	
NJ	Sewaren	2411	5	0	0	0	0	
NJ	Sherman Avenue	7288	1	0	99	1	98	
NJ	Werner	2385	4	194	0	0	0	
NM	Cunningham	2454	121B	42	83	1	82	
NM	Cunningham	2454	122B	269	10	3	7	
NM	Cunningham	2454	123T	0	2	0	2	
NM	Cunningham	2454	124T	0	2	0	2	
NM	Four Corners	2442	1	3,593	3,960	3,567	393	
NM	Four Corners	2442	2	3,589	4,070	3,965	105	
NM	Four Corners	2442	3	4,478	5,390	5,247	143	
NM	Four Corners	2442	4	12,507	14,813	13,375	1,438	
NM	Four Corners	2442	5	13,275	15,910	13,410	2,500	
NM	Maddox	2446	051B	170	338	2	336	
NM	Milagro	54814	1	0	1	1	0	
NM	Milagro	54814	2	0	1	1	0	

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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	53	5	48
NM	Prewitt Escalante Generating Statio	87	1	1,874	1,874	1,297	577
NM	Reeves	2450	1	4	8	0	8
NM	Reeves	2450	2	7	14	0	14
NM	Reeves	2450	3	104	208	1	207
NM	Rio Grande	2444	6	3	5	1	4
NM	Rio Grande	2444	7	1	1	1	0
NM	Rio Grande	2444	8	80	158	1	157
NM	San Juan	2451	1	7,941	6,919	4,266	2,653
NM	San Juan	2451	2	5,922	4,803	3,351	1,452
NM	San Juan	2451	3	13,878	18,278	6,528	11,750
NM	San Juan	2451	4	13,047	17,447	7,175	10,272
NV	Clark	2322	1	20	39	1	38
NV	Clark	2322	2	273	423	1	422
NV	Clark	2322	3	18	35	1	34
NV	El Dorado Energy	55077	CP1 (EDE1, EDE2)				
NV	El Dorado Energy	55077	EDE1	0	4	3	1
NV	El Dorado Energy	55077	EDE2	0	4	2	2
NV	Fort Churchill	2330	1	371	1,098	1,088	10
NV	Fort Churchill	2330	2	577	1,638	1,628	10
NV	Harry Allen	7082	**3	0	3	0	3
NV	Harry Allen	7082	**GT1	592	0	0	0
NV	Harry Allen	7082	**GT2	592	0	0	0
NV	Mohave	2341	1	26,660	31,496	20,680	10,816
NV	Mohave	2341	2	26,556	29,678	20,619	9,059
NV	North Valmy	8224	1	6,960	6,578	4,919	1,659
NV	North Valmy	8224	2	4,262	4,249	1,542	2,707
NV	Reid Gardner	2324	1	2,173	1,332	599	733
NV	Reid Gardner	2324	2	2,202	1,485	438	1,047
NV	Reid Gardner	2324	3	2,125	1,321	572	749
NV	Reid Gardner	2324	4	2,814	1,013	573	440
NV	Sunrise	2326	1	50	78	1	77
NV	Tracy	2336	1	15	289	249	40
NV	Tracy	2336	2	46	330	320	10
NV	Tracy	2336	3	314	1,475	1,465	10
NV	Tracy	2336	4	0	3	1	2
NV	Tracy	2336	5	0	3	1	2
NV	Tracy	2336	6	0	2	2	0
NY	23rd and 3rd	7910	2301	0	0	0	0
NY	23rd and 3rd	7910	2302	0	0	0	0
NY	59th Street	2503	110	64	0	0	0
NY	74th Street	2504	CS0002 (120, 121, 122)				
NY	74th Street	2504	120	447	478	253	225
NY	74th Street	2504	121	449	481	253	228
NY	74th Street	2504	122	447	477	253	224
NY	AES Cayuga (Milliken)	2535	XS12 (1, 2)				
NY	AES Cayuga (Milliken)	2535	1	4,928	2,131	804	1,327
NY	AES Cayuga (Milliken)	2535	2	5,215	3,006	1,693	1,313
NY	AES Greenidge	2527	CSG003 (4, 5)				
NY	AES Greenidge	2527	4	982	982	981	1

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NY	AES Greenidge	2527	5	980	4,733	4,731	2	
NY	AES Greenidge	2527	6	3,185	12,774	12,772	2	
NY	AES Hickling	2529	1	725	0	0	0	
NY	AES Hickling	2529	2	725	0	0	0	
NY	AES Hickling	2529	3	895	0	0	0	
NY	AES Hickling	2529	4	933	0	0	0	
NY	AES Jennison	2531	1	650	0	0	0	
NY	AES Jennison	2531	2	676	0	0	0	
NY	AES Jennison	2531	3	724	0	0	0	
NY	AES Jennison	2531	4	724	0	0	0	
NY	AES Somerset (Kintigh)	6082	1	13,889	6,744	6,685	59	
NY	AES Westover (Goudey)	2526	CSW003 (11, 12, 13)					
NY	AES Westover (Goudey)	2526	11	792	0	0	0	
NY	AES Westover (Goudey)	2526	12	780	0	0	0	
NY	AES Westover (Goudey)	2526	13	3,288	16,389	15,661	728	
NY	Allegany Station No. 133	10619	00001	0	6	1	5	
NY	Arthur Kill	2490	CS0002 (20, 30)					
NY	Arthur Kill	2490	20	1,478	5	4	1	
NY	Arthur Kill	2490	30	2,367	6	4	2	
NY	Astoria	8906	10	1,216	0	0	0	
NY	Astoria	8906	20	1,554	0	0	0	
NY	Astoria	8906	30	3,024	950	880	70	
NY	Astoria	8906	40	2,376	920	852	68	
NY	Astoria	8906	50	2,700	569	510	59	
NY	Bethlehem Energy Center (Albany)	2539	1	1,801	1,804	542	1,262	
NY	Bethlehem Energy Center (Albany)	2539	2	1,556	1,747	591	1,156	
NY	Bethlehem Energy Center (Albany)	2539	3	1,593	1,595	691	904	
NY	Bethlehem Energy Center (Albany)	2539	4	1,687	2,261	725	1,536	
NY	Bowline Point	2625	1	4,240	1,385	1,370	15	
NY	Bowline Point	2625	2	4,241	637	622	15	
NY	Brentwood	7912	BW01	0	0	0	0	
NY	Brooklyn Navy Yard Cogeneration	54914	1	0	5	5	0	
NY	Brooklyn Navy Yard Cogeneration	54914	2	0	5	5	0	
NY	Carthage Energy	10620	1	0	2	0	2	
NY	Castleton	10190	1	0	10	1	9	
NY	CH Resources - Niagara Falls	50202	1	0	1,235	1,210	25	
NY	CH Resources - Syracuse	10621	1	0	3	0	3	
NY	Charles Poletti	2491	001	6,438	10,339	2,207	8,132	
NY	Dunkirk	2554	1	2,843	10,595	10,605	-10	
NY	Dunkirk	2554	2	3,229	10,499	10,494	5	
NY	Dunkirk	2554	CS0003 (3, 4)					
NY	Dunkirk	2554	3	5,292	19,059	17,163	1,896	
NY	Dunkirk	2554	4	5,906	13,051	13,046	5	
NY	Dynegy Danskammer	2480	1	948	118	108	10	
NY	Dynegy Danskammer	2480	2	920	201	191	10	
NY	Dynegy Danskammer	2480	3	3,129	4,398	4,388	10	
NY	Dynegy Danskammer	2480	4	6,030	7,704	7,694	10	
NY	Dynegy Roseton	8006	1	15,584	14,800	6,032	8,768	
NY	Dynegy Roseton	8006	2	14,912	14,912	9,559	5,353	
NY	E F Barrett	2511	10	2,372	4,611	325	4,286	
NY	E F Barrett	2511	20	2,337	4,304	458	3,846	
NY	East River	2493	50	1,396	0	0	0	
NY	East River	2493	60	1,430	2,601	475	2,126	

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NY	East River	2493	70	1,033	1,790	203	1,587	
NY	Far Rockaway	2513	40	469	937	1	936	
NY	Glenwood	2514	40	939	1,877	1	1,876	
NY	Glenwood	2514	50	903	1,805	2	1,803	
NY	Harlem River Yard	7914	HR01	0	0	0	0	
NY	Harlem River Yard	7914	HR02	0	0	0	0	
NY	Hell Gate	7913	HG01	0	0	0	0	
NY	Hell Gate	7913	HG02	0	0	0	0	
NY	Huntley Power	2549	CS0002 (63, 64, 65, 66)					
NY	Huntley Power	2549	63	2,657	4,342	4,336	6	
NY	Huntley Power	2549	64	2,664	3,931	3,926	5	
NY	Huntley Power	2549	65	2,693	5,037	5,032	5	
NY	Huntley Power	2549	66	2,729	5,418	5,412	6	
NY	Huntley Power	2549	CS0001 (67, 68)					
NY	Huntley Power	2549	67	5,775	12,744	12,739	5	
NY	Huntley Power	2549	68	5,381	12,416	12,411	5	
NY	Indeck - Olean Energy Center	54076	1	0	20	1	19	
NY	Indeck - Oswego Energy Center	50450	1	0	20	0	20	
NY	Indeck - Yerkes Energy Center	50451	1	0	160	0	160	
NY	Lovett	2629	3	225	296	30	266	
NY	Lovett	2629	4	4,569	3,857	3,810	47	
NY	Lovett	2629	5	4,988	1,812	1,531	281	
NY	North 1st	7915	NO1	0	0	0	0	
NY	Northport	2516	1	8,323	23,975	5,988	17,987	
NY	Northport	2516	2	10,130	15,187	5,054	10,133	
NY	Northport	2516	3	11,122	29,479	9,568	19,911	
NY	Northport	2516	4	5,794	5,263	4,878	385	
NY	Oswego Harbor Power	2594	1	0	0	0	0	
NY	Oswego Harbor Power	2594	2	0	0	0	0	
NY	Oswego Harbor Power	2594	3	90	0	0	0	
NY	Oswego Harbor Power	2594	4	398	0	0	0	
NY	Oswego Harbor Power	2594	5	17,242	2,109	2,104	5	
NY	Oswego Harbor Power	2594	6	4,808	898	893	5	
NY	Port Jefferson	2517	1	475	950	0	950	
NY	Port Jefferson	2517	2	498	996	0	996	
NY	Port Jefferson	2517	3	4,397	13,612	2,899	10,713	
NY	Port Jefferson	2517	4	5,181	19,963	2,006	17,957	
NY	Pouch Terminal	7911	PT01	0	0	0	0	
NY	Ravenswood	2500	10	3,165	800	331	469	
NY	Ravenswood	2500	20	2,678	1,418	382	1,036	
NY	Ravenswood	2500	30	4,992	3,834	1,933	1,901	
NY	Rensselaer Cogen	54034	1GTDBS	0	9	2	7	
NY	Richard M Flynn (Holtsville)	7314	001	0	101	49	52	
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	5,785	5,685	100	
NY	Rochester 7 - Russell Station	2642	2	1,626	5,790	5,685	105	

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NY	Rochester 7 - Russell Station	2642	CS2 (3, 4)					
NY	Rochester 7 - Russell Station	2642	3	1,586	8,170	7,980	190	
NY	Rochester 7 - Russell Station	2642	4	2,213	8,109	7,980	129	
NY	S A Carlson	2682	CS0001 (9, 12)					
NY	S A Carlson	2682	9	664	749	739	10	
NY	S A Carlson	2682	CS0002 (10, 11)					
NY	S A Carlson	2682	10	673	913	903	10	
NY	S A Carlson	2682	11	424	504	501	3	
NY	S A Carlson	2682	12	1,276	2,007	1,080	927	
NY	S A Carlson	2682	20	0	10	0	10	
NY	South Glens Falls Energy	10618	1	0	3	1	2	
NY	Vernon Boulevard	7909	VB01	0	0	0	0	
NY	Vernon Boulevard	7909	VB02	0	0	0	0	
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	859	2	857	
NY	Waterside	2502	62	507	1,011	2	1,009	
NY	Waterside	2502	CS0003 (80, 90)					
NY	Waterside	2502	80	1,128	2,254	3	2,251	
NY	Waterside	2502	90	1,234	2,465	3	2,462	
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	Ashtabula	2835	7	7,220	4,187	4,105	82	
OH	Ashtabula	2835	CS1 (8, 9, 10, 11)					
OH	Ashtabula	2835	8	2,337	2,439	2,349	90	
OH	Ashtabula	2835	9	1,990	0	0	0	
OH	Ashtabula	2835	10	1,795	3,184	3,087	97	
OH	Ashtabula	2835	11	1,890	2,435	2,341	94	
OH	Avon Lake	2836	9	2,567	0	0	0	
OH	Avon Lake	2836	10	2,254	3,231	3,164	67	
OH	Avon Lake	2836	11	5,025	0	0	0	
OH	Avon Lake	2836	12	15,199	31,069	30,367	702	
OH	Bay Shore	2878	1	4,719	2,995	2,946	49	
OH	Bay Shore	2878	CS5 (2, 3, 4)					
OH	Bay Shore	2878	2	4,495	2,907	2,795	112	
OH	Bay Shore	2878	3	4,277	2,524	2,429	95	
OH	Bay Shore	2878	4	7,038	4,506	4,415	91	
OH	Cardinal	2828	1	14,778	61,533	59,741	1,792	
OH	Cardinal	2828	2	16,526	44,251	21,287	22,964	
OH	Cardinal	2828	3	17,301	19,729	19,154	575	
OH	Conesville	2840	CS012 (1, 2)					
OH	Conesville	2840	1	1,814	14,015	13,549	466	
OH	Conesville	2840	2	2,110	12,676	12,253	423	
OH	Conesville	2840	3	2,370	13,895	13,485	410	

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OH	Conesville	2840	4	21,031	48,391	46,660	1,731	
OH	Conesville	2840	CS056 (5, 6)					
OH	Conesville	2840	5	9,025	5,967	5,780	187	
OH	Conesville	2840	6	9,394	5,179	5,014	165	
OH	Darby Electric Generating Station	55247	CT1	0	0	0	0	
OH	Darby Electric Generating Station	55247	CT2	0	0	0	0	
OH	Darby Electric Generating Station	55247	CT3	0	0	0	0	
OH	Darby Electric Generating Station	55247	CT4	0	0	0	0	
OH	Dover	2914	**6	153	0	0	0	
OH	Eastlake	2837	1	3,366	4,771	4,677	94	
OH	Eastlake	2837	2	3,725	4,358	4,273	85	
OH	Eastlake	2837	3	4,319	4,372	4,272	100	
OH	Eastlake	2837	4	6,258	8,032	7,952	80	
OH	Eastlake	2837	5	16,605	25,936	25,679	257	
OH	Edgewater (2857)	2857	11	878	0	0	0	
OH	Edgewater (2857)	2857	12	947	0	0	0	
OH	Edgewater (2857)	2857	13	2,179	30	12	18	
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	Galion Generating Station	55263	CT1	0	1	0	1	
OH	Gen J M Gavin	8102	1	34,099	21,476	20,850	626	
OH	Gen J M Gavin	8102	2	34,738	26,211	25,450	761	
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	2,193	1,490	703	
OH	J M Stuart	2850	1	19,632	40,314	24,371	15,943	
OH	J M Stuart	2850	2	18,611	30,476	19,973	10,503	
OH	J M Stuart	2850	3	18,454	43,208	28,575	14,633	
OH	J M Stuart	2850	4	19,503	41,463	27,647	13,816	
OH	Killen Station	6031	2	16,928	24,790	24,021	769	
OH	Kyger Creek	2876	CS001 (1, 2, 3, 4, 5)					
OH	Kyger Creek	2876	1	8,100	24,161	23,661	500	
OH	Kyger Creek	2876	2	7,797	24,161	23,661	500	
OH	Kyger Creek	2876	3	7,524	24,161	23,661	500	
OH	Kyger Creek	2876	4	7,860	24,162	23,661	501	
OH	Kyger Creek	2876	5	7,874	24,162	23,663	499	
OH	Lake Road	2908	6	1,340	2,680	0	2,680	
OH	Lake Shore	2838	18	6,033	1,850	1,762	88	
OH	Lake Shore	2838	91	47	0	0	0	
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	

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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	19,545	18,614	931	
OH	Miami Fort	2832	7	16,607	37,991	36,522	1,469	
OH	Miami Fort	2832	8	18,233	13,274	12,766	508	
OH	Miami Fort	2832	5-1	144	2,960	2,819	141	
OH	Miami Fort	2832	5-2	144	2,959	2,818	141	
OH	Muskingum River	2872	CS014 (1, 2, 3, 4)					
OH	Muskingum River	2872	1	6,414	33,067	32,103	964	
OH	Muskingum River	2872	2	6,108	28,024	27,207	817	
OH	Muskingum River	2872	3	6,018	27,084	26,295	789	
OH	Muskingum River	2872	4	5,080	26,986	26,198	788	
OH	Muskingum River	2872	5	17,450	24,856	24,132	724	
OH	Niles	2861	XS12 (1, 2)					
OH	Niles	2861	1	2,995	7,134	6,941	193	
OH	Niles	2861	2	3,924	19,264	18,960	304	
OH	O H Hutchings	2848	CS0001 (H-1, H-2)					
OH	O H Hutchings	2848	H-1	1,736	696	681	15	
OH	O H Hutchings	2848	H-2	1,671	667	627	40	
OH	O H Hutchings	2848	CS0002 (H-3, H-4)					
OH	O H Hutchings	2848	H-3	1,603	1,251	1,223	28	
OH	O H Hutchings	2848	H-4	1,623	1,358	1,327	31	
OH	O H Hutchings	2848	CS0003 (H-5, H-6)					
OH	O H Hutchings	2848	H-5	1,630	1,435	1,401	34	
OH	O H Hutchings	2848	H-6	1,660	1,275	1,246	29	
OH	Omega JV2 Bowling Green	7783	P001	0	1	0	1	
OH	Omega JV2 Hamilton	7782	P001	0	1	0	1	
OH	PG&E Bowling Green	55262	CT1	0	1	0	1	
OH	PG&E Napoleon	55264	CT1	0	1	0	1	
OH	Picway	2843	9	2,128	9,458	9,183	275	
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	0001 (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	
OH	R E Burger	2864	5	1,327	858	811	47	
OH	R E Burger	2864	6	1,325	877	861	16	
OH	R E Burger	2864	7	4,648	26,677	26,392	285	
OH	R E Burger	2864	8	5,361	22,818	22,593	225	
OH	Refuse & Coal	312	001	426	0	0	0	
OH	Refuse & Coal	312	002	381	0	0	0	
OH	Refuse & Coal	312	003	402	0	0	0	
OH	Refuse & Coal	312	004	438	0	0	0	
OH	Refuse & Coal	312	005	375	0	0	0	
OH	Refuse & Coal	312	006	366	0	0	0	

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OH	Richard Gorsuch	7253	CS0001 (1, 2, 3, 4)					
OH	Richard Gorsuch	7253	1	6,152	8,070	7,658	412	
OH	Richard Gorsuch	7253	2	5,064	7,661	7,658	3	
OH	Richard Gorsuch	7253	3	6,880	8,798	7,658	1,140	
OH	Richard Gorsuch	7253	4	1,404	8,094	7,659	435	
OH	Richland Peaking Station	2880	CTG4	0	5	0	5	
OH	Richland Peaking Station	2880	CTG5	0	5	0	5	
OH	Richland Peaking Station	2880	CTG6	0	5	0	5	
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	6,848	6,777	71	
OH	W H Sammis	2866	2	5,472	9,972	9,875	97	
OH	W H Sammis	2866	CS0002 (3, 4)					
OH	W H Sammis	2866	3	6,238	9,831	9,732	99	
OH	W H Sammis	2866	4	5,529	9,217	9,128	89	
OH	W H Sammis	2866	5	10,422	15,012	14,863	149	
OH	W H Sammis	2866	6	19,953	31,696	31,382	314	
OH	W H Sammis	2866	7	18,639	34,059	33,722	337	
OH	W H Zimmer	6019	1	16,154	22,409	21,652	757	
OH	Walter C Beckjord	2830	1	1,834	3,776	3,596	180	
OH	Walter C Beckjord	2830	2	1,859	3,925	3,738	187	
OH	Walter C Beckjord	2830	3	2,530	6,129	5,837	292	
OH	Walter C Beckjord	2830	4	3,262	7,326	6,977	349	
OH	Walter C Beckjord	2830	5	3,858	17,011	16,201	810	
OH	Walter C Beckjord	2830	6	9,925	26,271	25,448	823	
OH	West Lorain	2869	2	0	5	1	4	
OH	West Lorain	2869	3	0	5	1	4	
OH	West Lorain	2869	4	0	5	1	4	
OH	West Lorain	2869	5	0	5	1	4	
OH	West Lorain	2869	6	0	5	1	4	
OH	Woodsdale	7158	**GT1	294	2	0	2	
OH	Woodsdale	7158	**GT2	294	2	0	2	
OH	Woodsdale	7158	**GT3	294	2	0	2	
OH	Woodsdale	7158	**GT4	294	2	0	2	
OH	Woodsdale	7158	**GT5	294	2	0	2	
OH	Woodsdale	7158	**GT6	294	2	0	2	
OH	Woodsdale	7158	**GT7	292	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	2	0	2	
OK	Anadarko	3006	7	0	1	0	1	
OK	Anadarko	3006	8	0	1	0	1	
OK	Arbuckle	2947	ARB	45	90	0	90	
OK	Chouteau Power Plant	7757	1	0	75	1	74	
OK	Chouteau Power Plant	7757	2	0	75	1	74	
OK	Comanche (8059)	8059	7251	333	654	2	652	
OK	Comanche (8059)	8059	7252	2	11	2	9	

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OK	Conoco	7185	**1	222	438	4	434
OK	Conoco	7185	**2	222	432	4	428
OK	Great River Dam Authority	165	1	14,642	14,759	12,753	2,006
OK	Great River Dam Authority	165	2	8,396	10,924	3,972	6,952
OK	Horseshoe Lake	2951	6	173	343	1	342
OK	Horseshoe Lake	2951	7	231	458	1	457
OK	Horseshoe Lake	2951	8	313	565	2	563
OK	Horseshoe Lake	2951	9	0	30	0	30
OK	Horseshoe Lake	2951	10	0	30	0	30
OK	Hugo	6772	1	11,877	13,875	7,605	6,270
OK	McClain Energy Facility	55457	CT1	0	2	1	1
OK	McClain Energy Facility	55457	CT2	0	2	1	1
OK	Mooreland	3008	1	0	2	0	2
OK	Mooreland	3008	2	44	81	1	80
OK	Mooreland	3008	3	7	13	1	12
OK	Muskogee	2952	3	141	281	0	281
OK	Muskogee	2952	4	9,311	9,763	8,890	873
OK	Muskogee	2952	5	8,277	10,303	9,389	914
OK	Muskogee	2952	6	14,425	14,543	9,803	4,740
OK	Mustang	2953	1	32	64	0	64
OK	Mustang	2953	2	26	52	0	52
OK	Mustang	2953	3	1	1	1	0
OK	Mustang	2953	4	163	324	2	322
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	30	0	30
OK	Northeastern	2963	3302	5,935	11,866	4	11,862
OK	Northeastern	2963	CS100 (3313, 3314)				
OK	Northeastern	2963	3313	13,833	18,824	16,320	2,504
OK	Northeastern	2963	3314	14,884	20,925	13,352	7,573
OK	Northeastern	2963	3301A	0	1,726	2	1,724
OK	Northeastern	2963	3301B	0	1,727	2	1,725
OK	Ponca	762	2	0	0	0	0
OK	Ponca	762	3	0	0	0	0
OK	Riverside (4940)	4940	1501	519	722	247	475
OK	Riverside (4940)	4940	1502	285	296	11	285
OK	Seminole (2956)	2956	1	412	820	4	816
OK	Seminole (2956)	2956	2	453	902	4	898
OK	Seminole (2956)	2956	3	494	983	4	979
OK	Sooner	6095	1	10,471	11,998	8,979	3,019
OK	Sooner	6095	2	9,979	11,035	10,047	988
OK	Southwestern	2964	(8002, 8003, 801N, 801S)				
OK	Southwestern	2964	8002	15	30	0	30
OK	Southwestern	2964	8003	164	300	36	264
OK	Southwestern	2964	801N	3	6	0	6
OK	Southwestern	2964	801S	0	0	0	0
OK	Tulsa	2965	CP001 (1402, 1403, 1404)				
OK	Tulsa	2965	1402	98	195	0	195
OK	Tulsa	2965	1403	4	8	0	8
OK	Tulsa	2965	1404	58	116	1	115
OR	Boardman	6106	1SG	13,377	17,822	17,821	1
OR	Coyote Springs	7350	CTG1	0	4	4	0

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OR	Hermiston	54761	1	0	5	4	1
OR	Hermiston	54761	2	0	5	4	1
OR	Klamath Cogeneration Project	55103	CT1	0	2	1	1
OR	Klamath Cogeneration Project	55103	CT2	0	2	2	0
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	17,447	17,247	200
PA	Armstrong	3178	2	6,654	13,828	13,628	200
PA	Bruce Mansfield	6094	1	12,717	14,056	7,361	6,695
PA	Bruce Mansfield	6094	2	14,069	14,069	7,581	6,488
PA	Bruce Mansfield	6094	3	14,473	14,473	10,639	3,834
PA	Brunner Island	3140	CS102 (1, 2)				
PA	Brunner Island	3140	1	11,972	13,276	13,252	24
PA	Brunner Island	3140	2	13,414	13,318	13,312	6
PA	Brunner Island	3140	3	23,209	17,770	17,708	62
PA	Cheswick	8226	1	16,891	50,042	49,003	1,039
PA	Conemaugh	3118	1	25,938	10,942	3,435	7,507
PA	Conemaugh	3118	2	28,752	10,589	3,018	7,571
PA	Cromby	3159	1	2,203	7,578	4,062	3,516
PA	Cromby	3159	2	2,110	3,265	1,526	1,739
PA	Delaware	3160	71	743	1,297	152	1,145
PA	Delaware	3160	81	537	1,388	189	1,199
PA	Eddystone	3161	1	2,845	5,023	4,252	771
PA	Eddystone	3161	2	3,005	8,252	3,975	4,277
PA	Eddystone	3161	CS034 (3, 4)				
PA	Eddystone	3161	3	1,895	2,538	1,311	1,227
PA	Eddystone	3161	4	2,011	2,820	675	2,145
PA	Elrama	3098	CS001 (1, 2, 3, 4)				
PA	Elrama	3098	1	1,650	907	896	11
PA	Elrama	3098	2	1,616	883	875	8
PA	Elrama	3098	3	1,568	1,065	1,047	18
PA	Elrama	3098	4	2,580	2,560	2,549	11
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	4	4	0
PA	Handsome Lake Energy	55233	EU-1A	0	0	0	0
PA	Handsome Lake Energy	55233	EU-1B	0	0	0	0
PA	Handsome Lake Energy	55233	EU-2A	0	0	0	0
PA	Handsome Lake Energy	55233	EU-2B	0	0	0	0
PA	Handsome Lake Energy	55233	EU-3A	0	0	0	0
PA	Handsome Lake Energy	55233	EU-3B	0	0	0	0
PA	Handsome Lake Energy	55233	EU-4A	0	0	0	0
PA	Handsome Lake Energy	55233	EU-4B	0	0	0	0

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PA	Handsome Lake Energy	55233	EU-5A	0	0	0	0	
PA	Handsome Lake Energy	55233	EU-5B	0	0	0	0	
PA	Hatfields Ferry	3179	XS123 (1, 2, 3)					
PA	Hatfields Ferry	3179	1	16,313	61,995	61,395	600	
PA	Hatfields Ferry	3179	2	16,094	54,769	54,169	600	
PA	Hatfields Ferry	3179	3	17,365	70,532	69,932	600	
PA	Holtwood	3145	17	3,571	2	0	2	
PA	Homer City	3122	1	17,759	62,748	58,759	3,989	
PA	Homer City	3122	2	16,314	65,787	63,575	2,212	
PA	Homer City	3122	3	27,629	15,441	15,242	199	
PA	Hunlock Power Station	3176	4	0	2	0	2	
PA	Hunlock Power Station	3176	6	2,257	3,675	3,249	426	
PA	Keystone	3136	1	28,219	83,105	76,505	6,600	
PA	Keystone	3136	2	30,045	90,820	83,220	7,600	
PA	Martins Creek	3148	CS102 (1, 2)					
PA	Martins Creek	3148	1	5,457	8,907	8,904	3	
PA	Martins Creek	3148	2	5,528	8,210	8,203	7	
PA	Martins Creek	3148	3	13,183	4,791	4,774	17	
PA	Martins Creek	3148	4	12,127	3,339	3,316	23	
PA	Mitchell	3181	1	0	29	9	20	
PA	Mitchell	3181	2	1	28	8	20	
PA	Mitchell	3181	3	0	33	13	20	
PA	Mitchell	3181	33	3,529	1,181	1,081	100	
PA	Montour	3149	1	24,191	50,348	50,342	6	
PA	Montour	3149	2	24,680	61,331	61,158	173	
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	8,470	8,307	163	
PA	New Castle	3138	4	2,817	8,853	8,671	182	
PA	New Castle	3138	5	4,514	12,123	11,873	250	
PA	North East Cogeneration Plant	54571	001	0	0	0	0	
PA	North East Cogeneration Plant	54571	002	0	0	0	0	
PA	Portland	3113	1	2,560	5,450	5,445	5	
PA	Portland	3113	2	4,413	11,178	11,173	5	
PA	Portland	3113	5	0	8	3	5	
PA	Richmond	3168	63	0	0	0	0	
PA	Richmond	3168	64	0	0	0	0	
PA	Schuylkill	3169	1	572	1,016	127	889	
PA	Seward	3130	CS2 (12, 14, 15)					
PA	Seward	3130	12	1,096	1,215	1,210	5	
PA	Seward	3130	14	1,096	1,551	1,546	5	
PA	Seward	3130	15	5,002	10,644	10,639	5	
PA	Shawville	3131	1	4,430	8,847	8,842	5	
PA	Shawville	3131	2	4,456	8,156	8,151	5	
PA	Shawville	3131	CS1 (3, 4)					
PA	Shawville	3131	3	6,111	12,533	12,528	5	
PA	Shawville	3131	4	6,070	12,498	12,493	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	

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PA	Sunbury	3152	3	4,029	10,451	10,389	62	
PA	Sunbury	3152	4	5,250	9,418	9,415	3	
PA	Sunbury	3152	CS1 (1A, 1B)					
PA	Sunbury	3152	1A	1,818	2,270	2,267	3	
PA	Sunbury	3152	1B	1,817	2,217	2,215	2	
PA	Sunbury	3152	CS2 (2A, 2B)					
PA	Sunbury	3152	2A	1,818	2,193	2,189	4	
PA	Sunbury	3152	2B	1,818	2,321	2,310	11	
PA	Titus	3115	1	2,150	3,675	3,670	5	
PA	Titus	3115	2	2,272	3,232	3,227	5	
PA	Titus	3115	3	2,195	3,591	3,586	5	
PA	Warren	3132	CS3 (1, 2, 3, 4)					
PA	Warren	3132	1	720	655	650	5	
PA	Warren	3132	2	720	555	550	5	
PA	Warren	3132	3	740	689	684	5	
PA	Warren	3132	4	740	843	838	5	
PA	Westwood	50611	031	0	382	363	19	
PA	Williamsburg	3135	11	935	0	0	0	
RI	Manchester Street	3236	6	693	0	0	0	
RI	Manchester Street	3236	7	458	0	0	0	
RI	Manchester Street	3236	9	0	5	2	3	
RI	Manchester Street	3236	10	0	5	2	3	
RI	Manchester Street	3236	11	0	5	2	3	
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 Power Associates	55048	1	0	32	4	28	
SC	Broad River Energy Center	55166	CT-1	0	6	1	5	
SC	Broad River Energy Center	55166	CT-2	0	3	1	2	
SC	Broad River Energy Center	55166	CT-3	0	3	1	2	
SC	Broad River Energy Center	55166	CT-4	0	1	0	1	
SC	Broad River Energy Center	55166	CT-5	0	1	0	1	
SC	Canadys Steam	3280	CAN1	3,248	8,595	6,706	1,889	
SC	Canadys Steam	3280	CAN2	2,979	7,228	6,630	598	
SC	Canadys Steam	3280	CAN3	4,223	9,692	8,701	991	
SC	Cherokee County Cogen	55043	CCCP1	0	12	1	11	
SC	Cope Station	7210	COP1	2,616	5,488	1,464	4,024	
SC	Cross	130	1	5,603	3,777	3,350	427	
SC	Cross	130	2	8,941	10,607	10,527	80	
SC	Darlington County	3250	12	0	10	4	6	
SC	Darlington County	3250	13	0	12	3	9	
SC	Dolphus M Grainger	3317	1	3,114	5,230	4,828	402	
SC	Dolphus M Grainger	3317	2	277	5,166	4,725	441	
SC	H B Robinson	3251	1	3,815	8,435	8,335	100	
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	1,896	11	1,885	
SC	Jefferies	3319	1	0	342	315	27	
SC	Jefferies	3319	2	1	375	362	13	
SC	Jefferies	3319	3	3,886	9,271	8,704	567	
SC	Jefferies	3319	4	3,743	9,055	8,603	452	
SC	John S. Rainey Generating Station	7834	CT1A	0	20	0	20	

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SC	John S. Rainey Generating Station	7834	CT1B	0	20	0	20
SC	McMeekin	3287	MCM1	4,080	19,109	5,611	13,498
SC	McMeekin	3287	MCM2	4,038	10,573	7,162	3,411
SC	NA 1 -- 7106	7106	**GT1	785	0	0	0
SC	Urquhart	3295	URQ1	2,195	5,592	2,900	2,692
SC	Urquhart	3295	URQ2	1,927	4,792	3,548	1,244
SC	Urquhart	3295	URQ3	2,914	7,156	6,422	734
SC	Urquhart	3295	URQ4	0	20	9	11
SC	W S Lee	3264	1	2,133	2,713	2,464	249
SC	W S Lee	3264	2	2,277	2,844	2,586	258
SC	W S Lee	3264	3	3,444	3,872	2,940	932
SC	Wateree	3297	WAT1	9,717	17,816	16,016	1,800
SC	Wateree	3297	WAT2	9,270	22,135	18,909	3,226
SC	Williams	3298	WIL1	15,821	23,276	22,789	487
SC	Winyah	6249	1	7,574	19,279	18,968	311
SC	Winyah	6249	2	6,234	10,507	10,416	91
SC	Winyah	6249	3	3,610	5,435	4,715	720
SC	Winyah	6249	4	3,427	3,838	3,773	65
SD	Angus Anson	7237	2	851	1,699	1	1,698
SD	Angus Anson	7237	3	1,020	2,038	1	2,037
SD	Big Stone	6098	1	13,715	14,037	13,618	419
SD	Huron	3344	**2A	80	5	0	5
SD	Huron	3344	**2B	103	6	0	6
SD	Pathfinder	3334	11	11	22	0	22
SD	Pathfinder	3334	12	2	4	0	4
SD	Pathfinder	3334	13	2	4	0	4
TN	Allen	3393	1	6,608	9,895	5,628	4,267
TN	Allen	3393	2	7,231	7,589	5,181	2,408
TN	Allen	3393	3	6,756	8,093	4,646	3,447
TN	Brownsville Power I	2387	AA-001	0	3	0	3
TN	Brownsville Power I	2387	AA-002	0	3	0	3
TN	Brownsville Power I	2387	AA-003	0	3	0	3
TN	Brownsville Power I	2387	AA-004	0	3	0	3
TN	Bull Run	3396	1	25,047	73,891	43,049	30,842
TN	Cumberland	3399	1	37,386	101,928	6,017	95,911
TN	Cumberland	3399	2	40,896	110,294	9,533	100,761
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	9,063	8,384	679
TN	Gallatin	3403	2	7,464	9,358	8,600	758
TN	Gallatin	3403	CSGA34 (3, 4)				
TN	Gallatin	3403	3	8,635	25,297	19,438	5,859
TN	Gallatin	3403	4	9,168	24,731	19,749	4,982
TN	Gallatin	3403	GCT5	0	497	3	494
TN	Gallatin	3403	GCT6	0	498	3	495
TN	Gallatin	3403	GCT7	0	297	3	294
TN	Gallatin	3403	GCT8	0	298	3	295
TN	Gleason Generating Facility	55251	CTG-1	0	2	0	2
TN	Gleason Generating Facility	55251	CTG-2	0	2	0	2
TN	Gleason Generating Facility	55251	CTG-3	0	2	0	2

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TN	John Sevier	3405	CSJS12 (1, 2)					
TN	John Sevier	3405	1	6,361	11,528	10,954	574	
TN	John Sevier	3405	2	6,358	11,883	10,718	1,165	
TN	John Sevier	3405	CSJS34 (3, 4)					
TN	John Sevier	3405	3	6,519	12,452	11,281	1,171	
TN	John Sevier	3405	4	6,669	9,548	8,929	619	
TN	Johnsonville	3406	1, 2, 3, 4, 5, 6, 7, 8, 9, 10)					
TN	Johnsonville	3406	1	3,358	11,254	8,961	2,293	
TN	Johnsonville	3406	2	3,465	12,873	9,862	3,011	
TN	Johnsonville	3406	3	3,628	12,837	9,542	3,295	
TN	Johnsonville	3406	4	3,443	10,853	8,432	2,421	
TN	Johnsonville	3406	5	3,553	9,243	7,555	1,688	
TN	Johnsonville	3406	6	3,404	8,123	7,697	426	
TN	Johnsonville	3406	7	3,871	11,647	10,225	1,422	
TN	Johnsonville	3406	8	3,753	12,431	10,936	1,495	
TN	Johnsonville	3406	9	3,052	12,316	10,717	1,599	
TN	Johnsonville	3406	10	3,256	11,821	10,262	1,559	
TN	Johnsonville	3406	JCT17	0	299	3	296	
TN	Johnsonville	3406	JCT18	0	299	2	297	
TN	Johnsonville	3406	JCT19	0	299	3	296	
TN	Johnsonville	3406	JCT20	0	299	2	297	
TN	Kingston	3407	CSKI15 (1, 2, 3, 4, 5)					
TN	Kingston	3407	1	4,152	8,379	8,044	335	
TN	Kingston	3407	2	3,992	8,085	7,169	916	
TN	Kingston	3407	3	4,751	9,816	8,671	1,145	
TN	Kingston	3407	4	5,041	9,756	8,895	861	
TN	Kingston	3407	5	6,194	11,790	10,109	1,681	
TN	Kingston	3407	CSKI69 (6, 7, 8, 9)					
TN	Kingston	3407	6	6,347	13,768	12,464	1,304	
TN	Kingston	3407	7	6,189	13,283	11,193	2,090	
TN	Kingston	3407	8	5,784	13,643	12,846	797	
TN	Kingston	3407	9	6,405	13,038	10,900	2,138	
TN	Lagoon Creek	7845	LCT1	0	100	0	100	
TN	Lagoon Creek	7845	LCT2	0	100	0	100	
TN	Lagoon Creek	7845	LCT3	0	100	0	100	
TN	Lagoon Creek	7845	LCT4	0	100	0	100	
TN	Lagoon Creek	7845	LCT5	0	100	0	100	
TN	Lagoon Creek	7845	LCT6	0	100	0	100	
TN	Lagoon Creek	7845	LCT7	0	100	0	100	
TN	Lagoon Creek	7845	LCT8	0	100	0	100	
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	Alex Ty Cooke (Holly Ave)	3602	1	59	117	0	117	
TX	Alex Ty Cooke (Holly Ave)	3602	2	71	136	0	136	
TX	Barney M. Davis	4939	1	496	803	116	687	
TX	Barney M. Davis	4939	2	398	410	168	242	
TX	Big Brown	3497	1	20,985	36,295	35,894	401	
TX	Big Brown	3497	2	19,878	35,099	34,699	400	
TX	Blackhawk Station	55064	001	0	7	4	3	
TX	Blackhawk Station	55064	002	0	7	5	2	
TX	Bosque County Power Plant	55172	GT-1	0	6	1	5	

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TX	Bosque County Power Plant	55172	GT-2	0	7	1	6
TX	Bosque County Power Plant	55172	GT-3	0	3	2	1
TX	Bryan	3561	6	19	36	0	36
TX	C E Newman	3574	BW5	3	4	0	4
TX	Cedar Bayou	3460	CBY1	814	1,526	43	1,483
TX	Cedar Bayou	3460	CBY2	921	1,648	61	1,587
TX	Cedar Bayou	3460	CBY3	725	1,387	101	1,286
TX	Channel Energy Center	55299	CTG1	0	4	1	3
TX	Channelview Cogeneration	55187	CHV4	0	3	2	1
TX	Cleburne Cogeneration Facility	54817	EAST	0	11	4	7
TX	Cleburne Cogeneration Facility	54817	WEST	0	0	0	0
TX	Coleto Creek	6178	1	14,721	14,741	13,712	1,029
TX	Coleto Creek	6178	**2	0	0	0	0
TX	Collin	3500	1	92	149	2	147
TX	Concho	3518	7	11	22	0	22
TX	Dallas	3451	3	27	0	0	0
TX	Dallas	3451	9	26	0	0	0
TX	Dansby	6243	1	94	182	7	175
TX	Decker Creek	3548	1	128	1,226	5	1,221
TX	Decker Creek	3548	2	195	368	13	355
TX	Decordova	8063	1	1,018	1,167	69	1,098
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	55	0	55
TX	Denver City	3480	6	0	0	0	0
TX	E S Joslin	3436	1	260	468	10	458
TX	Eagle Mountain	3489	1	52	103	22	81
TX	Eagle Mountain	3489	2	140	207	17	190
TX	Eagle Mountain	3489	3	100	158	2	156
TX	Eastex Cogeneration Facility	55176	1	0	12	0	12
TX	Eastex Cogeneration Facility	55176	2	0	12	0	12
TX	Exelon LaPorte Generating Station	55365	GT-1	0	0	0	0
TX	Exelon LaPorte Generating Station	55365	GT-2	0	1	0	1
TX	Exelon LaPorte Generating Station	55365	GT-3	0	0	0	0
TX	Exelon LaPorte Generating Station	55365	GT-4	0	0	0	0
TX	Forest Grove	6148	**1	0	0	0	0
TX	Fort Phantom	4938	1	126	137	40	97
TX	Fort Phantom	4938	2	187	308	16	292
TX	Frontera Power Facility	55098	1	0	6	2	4
TX	Frontera Power Facility	55098	2	0	6	2	4
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	11,842	11,268	574
TX	Graham	3490	1	235	13	1	12
TX	Graham	3490	2	496	1,329	1,287	42
TX	Greens Bayou	3464	GBY1	1	2	0	2
TX	Greens Bayou	3464	GBY2	2	4	0	4

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TX	Greens Bayou	3464	GBY3	15	30	0	30	
TX	Greens Bayou	3464	GBY4	19	38	0	38	
TX	Greens Bayou	3464	GBY5	352	691	53	638	
TX	Gregory Power Facility	55086	101	0	8	5	3	
TX	Gregory Power Facility	55086	102	0	8	5	3	
TX	Guadalupe Generating Station	55153	CTG-1	0	2	2	0	
TX	Guadalupe Generating Station	55153	CTG-2	0	3	2	1	
TX	Guadalupe Generating Station	55153	CTG-3	0	2	2	0	
TX	Guadalupe Generating Station	55153	CTG-4	0	2	2	0	
TX	Handley	3491	2	21	2	0	2	
TX	Handley	3491	3	423	6	5	1	
TX	Handley	3491	4	118	41	38	3	
TX	Handley	3491	5	136	7	5	2	
TX	Handley	3491	1A	7	1	0	1	
TX	Handley	3491	1B	0	0	0	0	
TX	Harrington Station	6193	061B	8,234	8,401	7,117	1,284	
TX	Harrington Station	6193	062B	8,721	9,072	8,642	430	
TX	Harrington Station	6193	063B	9,269	9,493	8,941	552	
TX	Hays Energy Project	55144	STK1	0	1	1	0	
TX	Hays Energy Project	55144	STK2	0	1	0	1	
TX	Hidalgo Energy Facility	7762	HRSG1	0	4	3	1	
TX	Hidalgo Energy Facility	7762	HRSG2	0	4	3	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	6	0	6	
TX	Hiram Clarke	3465	HOC4	2	4	0	4	
TX	Holly Street	3549	1	49	98	0	98	
TX	Holly Street	3549	2	31	62	0	62	
TX	Holly Street	3549	3	68	134	1	133	
TX	Holly Street	3549	4	43	84	2	82	
TX	J K Spruce	7097	**1	6,692	9,742	3,767	5,975	
TX	J K Spruce	7097	**2	0	0	0	0	
TX	J L Bates	3438	1	48	68	39	29	
TX	J L Bates	3438	2	124	223	1	222	
TX	J Robert Massengale	3604	GT1	0	5	1	4	
TX	J T Deely	6181	CS012 (1, 2)					
TX	J T Deely	6181	1	13,136	16,470	10,832	5,638	
TX	J T Deely	6181	2	13,705	17,607	10,833	6,774	
TX	Jones Station	3482	151B	125	245	5	240	
TX	Jones Station	3482	152B	93	159	32	127	
TX	Knox Lee	3476	2	0	5	0	5	
TX	Knox Lee	3476	3	5	10	0	10	
TX	Knox Lee	3476	4	29	53	0	53	
TX	Knox Lee	3476	5	251	357	90	267	
TX	La Palma	3442	7	178	257	133	124	
TX	Lake Creek	3502	1	39	77	0	77	
TX	Lake Creek	3502	2	191	275	2	273	
TX	Lake Hubbard	3452	1	170	259	29	230	
TX	Lake Hubbard	3452	2	604	756	105	651	
TX	Lamar Power (Paris)	55097	1	0	10	3	7	
TX	Lamar Power (Paris)	55097	2	0	12	3	9	
TX	Lamar Power (Paris)	55097	3	0	10	3	7	
TX	Lamar Power (Paris)	55097	4	0	10	2	8	

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TX	Laredo	3439	1	15	29	2	27
TX	Laredo	3439	2	14	27	0	27
TX	Laredo	3439	3	85	164	23	141
TX	Leon Creek	3609	3	2	4	0	4
TX	Leon Creek	3609	4	10	20	0	20
TX	Lewis Creek	3457	1	317	9	4	5
TX	Lewis Creek	3457	2	271	8	4	4
TX	Limestone	298	LIM1	23,787	28,712	11,382	17,330
TX	Limestone	298	LIM2	14,158	15,107	13,177	1,930
TX	Lon C Hill	3440	1	9	18	0	18
TX	Lon C Hill	3440	2	10	19	0	19
TX	Lon C Hill	3440	3	179	355	31	324
TX	Lon C Hill	3440	4	197	348	6	342
TX	Lone Star	3477	1	0	0	0	0
TX	Lost Pines 1	55154	1	0	2	2	0
TX	Lost Pines 1	55154	2	0	2	2	0
TX	Magic Valley Generating Station	55123	CTG-1	0	1	1	0
TX	Magic Valley Generating Station	55123	CTG-2	0	1	1	0
TX	Malakoff	370	**1	1,539	3,078	0	3,078
TX	Martin Lake	6146	1	33,231	39,672	21,707	17,965
TX	Martin Lake	6146	2	32,266	26,717	20,097	6,620
TX	Martin Lake	6146	3	33,436	31,275	24,331	6,944
TX	Midlothian Energy	55091	STK1	0	2	2	0
TX	Midlothian Energy	55091	STK2	0	2	2	0
TX	Midlothian Energy	55091	STK3	0	2	1	1
TX	Midlothian Energy	55091	STK4	0	3	2	1
TX	Midlothian Energy	55091	STK5	0	1	0	1
TX	Midlothian Energy	55091	STK6	0	1	0	1
TX	Mission Road	3610	3	3	6	0	6
TX	Monticello	6147	1	23,641	33,211	32,811	400
TX	Monticello	6147	2	22,938	36,182	35,782	400
TX	Monticello	6147	3	35,232	26,201	18,670	7,531
TX	Moore County Station	3483	3	0	1	0	1
TX	Morgan Creek	3492	3	8	16	0	16
TX	Morgan Creek	3492	4	72	143	0	143
TX	Morgan Creek	3492	5	154	264	1	263
TX	Morgan Creek	3492	6	836	964	80	884
TX	Mountain Creek	3453	2	4	0	0	0
TX	Mountain Creek	3453	6	63	62	42	20
TX	Mountain Creek	3453	7	62	75	71	4
TX	Mountain Creek	3453	8	527	7	5	2
TX	Mountain Creek	3453	3A	11	0	0	0
TX	Mountain Creek	3453	3B	2	0	0	0
TX	Mustang Station	55065	1	0	6	3	3
TX	Mustang Station	55065	2	0	6	3	3
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

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TX	Newman	3456	1	14	27	1	26
TX	Newman	3456	2	29	57	1	56
TX	Newman	3456	3	88	25	2	23
TX	Newman	3456	**4	99	96	1	95
TX	Newman	3456	**5	0	98	2	96
TX	Nichols Station	3484	141B	77	153	1	152
TX	Nichols Station	3484	142B	86	171	1	170
TX	Nichols Station	3484	143B	50	98	2	96
TX	North Lake	3454	1	131	226	17	209
TX	North Lake	3454	2	150	234	24	210
TX	North Lake	3454	3	294	424	60	364
TX	North Main	3493	4	42	83	0	83
TX	North Texas	3627	3	13	1	0	1
TX	Nueces Bay	3441	5	1	2	0	2
TX	Nueces Bay	3441	6	140	272	43	229
TX	Nueces Bay	3441	7	496	795	200	595
TX	O W Sommers	3611	1	478	938	3	935
TX	O W Sommers	3611	2	188	372	2	370
TX	Oak Creek	3523	1	106	210	14	196
TX	Odessa-Ector Generating Station	55215	GT1	0	2	1	1
TX	Odessa-Ector Generating Station	55215	GT2	0	2	1	1
TX	Odessa-Ector Generating Station	55215	GT3	0	2	1	1
TX	Odessa-Ector Generating Station	55215	GT4	0	1	1	0
TX	Oklaunion	127	1	7,859	10,116	3,971	6,145
TX	P H Robinson	3466	PHR1	645	1,284	4	1,280
TX	P H Robinson	3466	PHR2	494	981	4	977
TX	P H Robinson	3466	PHR3	685	1,363	3	1,360
TX	P H Robinson	3466	PHR4	796	1,584	6	1,578
TX	Paint Creek	3524	1	11	19	3	16
TX	Paint Creek	3524	2	11	43	33	10
TX	Paint Creek	3524	3	28	48	0	48
TX	Paint Creek	3524	4	105	97	53	44
TX	Parkdale	3455	1	34	67	0	67
TX	Parkdale	3455	2	62	123	0	123
TX	Parkdale	3455	3	61	121	0	121
TX	Pasadena Power Plant	55047	CG-1	0	7	4	3
TX	Pasadena Power Plant	55047	CG-2	0	4	3	1
TX	Pasadena Power Plant	55047	CG-3	0	3	3	0
TX	Permian Basin	3494	5	103	155	1	154
TX	Permian Basin	3494	6	804	940	184	756
TX	Pirkey	7902	1	20,532	22,236	16,090	6,146
TX	Plant X	3485	111B	0	1	0	1
TX	Plant X	3485	112B	2	9	3	6
TX	Plant X	3485	113B	89	153	1	152
TX	Plant X	3485	114B	0	10	3	7
TX	Port Neches	54748	GT1	0	0	0	0
TX	Powerlane Plant	4195	2	459	918	0	918
TX	Powerlane Plant	4195	3	37	74	3	71
TX	R W Miller	3628	1	55	1	0	1
TX	R W Miller	3628	2	98	2	1	1
TX	R W Miller	3628	3	218	2	2	0
TX	R W Miller	3628	**4	851	1	0	1
TX	R W Miller	3628	**5	851	1	0	1

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TX	Ray Olinger	3576	BW2	60	115	6	109	
TX	Ray Olinger	3576	BW3	79	156	1	155	
TX	Ray Olinger	3576	CE1	42	83	1	82	
TX	Ray Olinger	3576	GE4	0	0	0	0	
TX	Rio Pecos	3526	5	64	106	0	106	
TX	Rio Pecos	3526	6	179	316	1	315	
TX	River Crest	3503	1	61	121	0	121	
TX	Sabine	3459	1	152	10	3	7	
TX	Sabine	3459	2	164	15	3	12	
TX	Sabine	3459	3	576	16	6	10	
TX	Sabine	3459	4	504	12	8	4	
TX	Sabine	3459	5	323	28	5	23	
TX	Sabine Cogeneration Facility	55104	SAB-1	0	2	1	1	
TX	Sabine Cogeneration Facility	55104	SAB-2	0	2	1	1	
TX	Sam Bertron	3468	SRB1	57	113	4	109	
TX	Sam Bertron	3468	SRB2	18	35	2	33	
TX	Sam Bertron	3468	SRB3	120	218	2	216	
TX	Sam Bertron	3468	SRB4	79	156	1	155	
TX	Sam Seymour	6179	1	15,910	16,142	14,703	1,439	
TX	Sam Seymour	6179	2	17,396	17,825	15,076	2,749	
TX	Sam Seymour	6179	3	10,494	2,004	1,929	75	
TX	San Angelo	3527	2	161	318	2	316	
TX	San Jacinto Steam Electric Station	7325	CP1 (SJS1, SJS2)					
TX	San Jacinto Steam Electric Station	7325	SJS1	0	7	2	5	
TX	San Jacinto Steam Electric Station	7325	SJS2	0	7	3	4	
TX	San Miguel	6183	SM-1	17,216	17,216	13,932	3,284	
TX	Sand Hill Energy Center	1700	SH1	0	8	0	8	
TX	Sand Hill Energy Center	1700	SH2	0	0	0	0	
TX	Sand Hill Energy Center	1700	SH3	0	0	0	0	
TX	Sand Hill Energy Center	1700	SH4	0	0	0	0	
TX	Sandow	6648	4	25,698	31,850	24,907	6,943	
TX	Seaholm	3550	9	4	0	0	0	
TX	Silas Ray	3559	9	0	5	0	5	
TX	Sim Gideon	3601	1	47	93	3	90	
TX	Sim Gideon	3601	2	56	111	12	99	
TX	Sim Gideon	3601	3	277	550	3	547	
TX	Spencer	4266	4	19	38	0	38	
TX	Spencer	4266	5	23	45	9	36	
TX	SRW Cogen Facility	55120	CTG-1	0	5	1	4	
TX	SRW Cogen Facility	55120	CTG-2	0	5	1	4	
TX	Stryker Creek	3504	1	170	274	259	15	
TX	Stryker Creek	3504	2	525	746	4	742	
TX	Sweeny Cogeneration Facility	55015	1	0	9	3	6	
TX	Sweeny Cogeneration Facility	55015	2	0	9	3	6	
TX	Sweeny Cogeneration Facility	55015	3	0	9	3	6	
TX	Sweeny Cogeneration Facility	55015	4	0	12	3	9	
TX	T C Ferguson	4937	1	253	501	3	498	
TX	T H Wharton	3469	THW1	7	14	0	14	
TX	T H Wharton	3469	THW2	97	192	12	180	
TX	Tenaska Frontier Generation Station	55062	1	0	4	4	0	
TX	Tenaska Frontier Generation Station	55062	2	0	5	4	1	
TX	Tenaska Frontier Generation Station	55062	3	0	3	3	0	
TX	Tenaska Gateway Generating Station	55132	OGTDB1	0	2	2	0	

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TX	Tenaska Gateway Generating Station	55132	OGTDB2	0	3	2	1
TX	Tenaska Gateway Generating Station	55132	OGTDB3	0	3	1	2
TX	TNP One	7030	U1	2,123	3,197	2,678	519
TX	TNP One	7030	U2	3,500	3,004	2,498	506
TX	Tolk Station	6194	171B	14,781	12,837	12,024	813
TX	Tolk Station	6194	172B	14,444	14,030	13,412	618
TX	Tradinghouse	3506	1	593	781	4	777
TX	Tradinghouse	3506	2	995	1,294	167	1,127
TX	Trinidad	3507	7	6	12	0	12
TX	Trinidad	3507	8	1	2	0	2
TX	Trinidad	3507	9	135	219	22	197
TX	Twin Oak	6180	1	8,015	0	0	0
TX	Twin Oak	6180	2	5,603	0	0	0
TX	V H Braunig	3612	1	78	150	1	149
TX	V H Braunig	3612	2	121	241	1	240
TX	V H Braunig	3612	3	416	828	2	826
TX	V H Braunig	3612	CP01 (CT01, CT02)				
TX	V H Braunig	3612	CT01	0	4	2	2
TX	V H Braunig	3612	CT02	0	4	3	1
TX	Valley (Texas Utilities)	3508	1	77	143	14	129
TX	Valley (Texas Utilities)	3508	2	518	647	46	601
TX	Valley (Texas Utilities)	3508	3	124	246	1	245
TX	Victoria	3443	5	6	12	0	12
TX	Victoria	3443	6	8	16	0	16
TX	Victoria	3443	7	110	201	7	194
TX	Victoria	3443	8	238	444	76	368
TX	W A Parish	3470	WAP1	57	113	1	112
TX	W A Parish	3470	WAP2	56	111	0	111
TX	W A Parish	3470	WAP3	245	487	1	486
TX	W A Parish	3470	WAP4	558	1,112	4	1,108
TX	W A Parish	3470	WAP5	22,878	28,050	17,525	10,525
TX	W A Parish	3470	WAP6	20,761	25,128	20,457	4,671
TX	W A Parish	3470	WAP7	15,142	16,142	12,709	3,433
TX	W A Parish	3470	WAP8	7,287	8,283	1,836	6,447
TX	W B Tuttle	3613	1	2	4	0	4
TX	W B Tuttle	3613	2	19	38	0	38
TX	W B Tuttle	3613	3	11	22	0	22
TX	W B Tuttle	3613	4	48	96	0	96
TX	Webster	3471	WEB1	14	28	0	28
TX	Webster	3471	WEB2	17	34	0	34
TX	Webster	3471	WEB3	343	684	2	682
TX	Welsh	6139	1	13,329	13,334	12,327	1,007
TX	Welsh	6139	2	12,846	13,793	13,414	379
TX	Welsh	6139	3	15,220	16,197	13,799	2,398
TX	Wilkes	3478	1	30	44	13	31
TX	Wilkes	3478	2	118	233	3	230
TX	Wilkes	3478	3	129	255	3	252
UT	Bonanza	7790	1-1	10,785	2,610	1,207	1,403
UT	Carbon	3644	1	1,913	2,113	2,088	25
UT	Carbon	3644	2	2,499	3,125	3,100	25
UT	Gadsby	3648	1	24	2	1	1
UT	Gadsby	3648	2	1,690	2	1	1
UT	Gadsby	3648	3	2,265	3	2	1

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UT	Hale	3652	1	1	0	0	0	
UT	Hunter (Emery)	6165	1	7,454	2,434	1,720	714	
UT	Hunter (Emery)	6165	2	7,960	3,986	2,720	1,266	
UT	Hunter (Emery)	6165	3	11,254	1,238	1,213	25	
UT	Huntington	8069	1	7,925	1,899	1,874	25	
UT	Huntington	8069	2	9,753	10,221	10,196	25	
UT	Intermountain	6481	1SGA	2,875	3,895	1,914	1,981	
UT	Intermountain	6481	2SGA	2,895	4,171	2,286	1,885	
VA	Altavista Power Station	10773	CS0 (1, 2)					
VA	Altavista Power Station	10773	1	0	300	99	201	
VA	Altavista Power Station	10773	2	0	300	101	199	
VA	Bellemeade	50966	1	0	58	18	40	
VA	Bellemeade	50966	2	0	58	20	38	
VA	Bremo	3796	3	2,029	4,199	3,150	1,049	
VA	Bremo	3796	4	5,160	8,642	6,694	1,948	
VA	Chesapeake	3803	1	2,117	6,867	5,404	1,463	
VA	Chesapeake	3803	2	2,210	5,615	5,426	189	
VA	Chesapeake	3803	3	4,560	8,846	7,955	891	
VA	Chesapeake	3803	4	5,872	11,581	11,359	222	
VA	Chesterfield	3797	3	2,561	6,612	6,096	516	
VA	Chesterfield	3797	4	4,670	10,589	9,608	981	
VA	Chesterfield	3797	5	9,166	22,759	12,495	10,264	
VA	Chesterfield	3797	6	17,139	59,832	37,699	22,133	
VA	Chesterfield	3797	**8A	1,387	2,729	97	2,632	
VA	Chesterfield	3797	**8B	409	0	0	0	
VA	Clinch River	3775	CS012 (1, 2)					
VA	Clinch River	3775	1	5,348	7,535	7,316	219	
VA	Clinch River	3775	2	6,113	7,937	7,706	231	
VA	Clinch River	3775	3	5,651	7,642	7,419	223	
VA	Clover	7213	1	2,938	1,790	939	851	
VA	Clover	7213	2	2,938	1,790	1,135	655	
VA	Commonwealth Chesapeake	55381	CT-001	0	10	8	2	
VA	Commonwealth Chesapeake	55381	CT-002	0	11	9	2	
VA	Commonwealth Chesapeake	55381	CT-003	0	10	7	3	
VA	Commonwealth Chesapeake	55381	CT-004	0	9	2	7	
VA	Commonwealth Chesapeake	55381	CT-005	0	9	3	6	
VA	Commonwealth Chesapeake	55381	CT-006	0	9	3	6	
VA	Commonwealth Chesapeake	55381	CT-007	0	9	3	6	
VA	Doswell Combined Cycle Facility	52019	CT1	0	10	1	9	
VA	East Chandler	7186	**2	17	0	0	0	
VA	Glen Lyn	3776	6	5,535	7,081	6,875	206	
VA	Glen Lyn	3776	51	1,152	1,600	1,553	47	
VA	Glen Lyn	3776	52	1,113	1,543	1,498	45	
VA	Hopewell Power Station	10771	CS0 (1, 2)					
VA	Hopewell Power Station	10771	1	0	500	171	329	
VA	Hopewell Power Station	10771	2	0	500	180	320	
VA	Ladysmith Combustion Turbine Sta	7838	1	0	25	3	22	
VA	Ladysmith Combustion Turbine Sta	7838	2	0	25	2	23	
VA	Possum Point Power Station	3804	1	0	0	0	0	
VA	Possum Point Power Station	3804	2	0	55	15	40	
VA	Possum Point Power Station	3804	3	2,647	7,249	5,049	2,200	
VA	Possum Point Power Station	3804	4	6,725	13,301	11,280	2,021	
VA	Possum Point Power Station	3804	5	4,336	6,301	5,317	984	

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VA	Potomac River	3788	1	2,334	2,421	2,298	123	
VA	Potomac River	3788	2	2,309	2,675	2,541	134	
VA	Potomac River	3788	3	2,756	3,611	3,442	169	
VA	Potomac River	3788	4	3,037	3,972	3,769	203	
VA	Potomac River	3788	5	2,913	3,271	3,112	159	
VA	Remington Combustion Turbine	7839	1	0	24	0	24	
VA	Remington Combustion Turbine	7839	2	0	25	0	25	
VA	Remington Combustion Turbine	7839	3	0	24	0	24	
VA	Remington Combustion Turbine	7839	4	0	23	0	23	
VA	Southampton Power Station	10774	CS0 (1, 2)					
VA	Southampton Power Station	10774	1	0	200	95	105	
VA	Southampton Power Station	10774	2	0	200	97	103	
VA	Wolf Hills Energy	55285	WH01	0	0	0	0	
VA	Wolf Hills Energy	55285	WH02	0	0	0	0	
VA	Wolf Hills Energy	55285	WH03	0	0	0	0	
VA	Wolf Hills Energy	55285	WH04	0	0	0	0	
VA	Wolf Hills Energy	55285	WH05	0	0	0	0	
VA	Wolf Hills Energy	55285	WH06	0	0	0	0	
VA	Wolf Hills Energy	55285	WH07	0	0	0	0	
VA	Wolf Hills Energy	55285	WH08	0	0	0	0	
VA	Wolf Hills Energy	55285	WH09	0	0	0	0	
VA	Wolf Hills Energy	55285	WH10	0	0	0	0	
VA	Yorktown	3809	CS0 (1, 2)					
VA	Yorktown	3809	1	4,671	12,934	12,375	559	
VA	Yorktown	3809	2	4,674	13,076	12,175	901	
VA	Yorktown	3809	3	6,305	15,922	14,816	1,106	
VT	J C McNeil	589	1	104	199	5	194	
WA	Centralia	3845	BW21	19,076	43,905	43,042	863	
WA	Centralia	3845	BW22	20,337	29,310	23,865	5,445	
WA	Finley Combustion Turbine	7945	1	0	0	0	0	
WA	Fredonia Plant	607	CT3	0	18	1	17	
WA	Fredonia Plant	607	CT4	0	6	1	5	
WA	River Road	7605	1	0	8	4	4	
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	1,153	401	752	
WI	Alma	4140	B2	518	1,229	373	856	
WI	Alma	4140	B3	455	945	545	400	
WI	Alma	4140	B4	1,193	8,589	1,363	7,226	
WI	Alma	4140	B5	1,906	18,693	2,668	16,025	
WI	Bay Front	3982	1	1,046	1,383	68	1,315	
WI	Bay Front	3982	2	529	915	143	772	
WI	Bay Front	3982	3	0	0	0	0	
WI	Bay Front	3982	4	33	66	0	66	
WI	Bay Front	3982	5	281	628	565	63	
WI	Blount Street	3992	3	6	11	0	11	
WI	Blount Street	3992	5	7	14	0	14	
WI	Blount Street	3992	6	7	14	0	14	
WI	Blount Street	3992	7	1,476	1,699	1,253	446	
WI	Blount Street	3992	8	1,130	2,809	2,381	428	
WI	Blount Street	3992	9	1,183	9,108	3,160	5,948	

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WI	Blount Street	3992	11	1	6	0	6	
WI	Columbia	8023	1	15,484	15,567	13,769	1,798	
WI	Columbia	8023	2	8,758	15,994	14,535	1,459	
WI	Combustion Turbine	7157	**2	0	0	0	0	
WI	Commerce	4036	25	4	0	0	0	
WI	Concord	7159	**1	126	18	0	18	
WI	Concord	7159	**2	126	14	0	14	
WI	Concord	7159	**3	126	15	0	15	
WI	Concord	7159	**4	126	135	0	135	
WI	DePere Energy Center	55029	B01	0	1	0	1	
WI	Edgewater (4050)	4050	3	1,237	19,953	1,787	18,166	
WI	Edgewater (4050)	4050	4	10,396	39,413	6,870	32,543	
WI	Edgewater (4050)	4050	5	11,459	12,644	9,235	3,409	
WI	Elk Mound Generating Station	7863	1	0	10	0	10	
WI	Elk Mound Generating Station	7863	2	0	10	0	10	
WI	Genoa	4143	1	8,019	24,147	12,116	12,031	
WI	Germantown Power Plant	6253	**5	0	6	1	5	
WI	J P Madgett	4271	B1	7,436	17,048	4,974	12,074	
WI	Manitowoc	4125	CS0020 (6, 7, 8)					
WI	Manitowoc	4125	6	672	2,027	1,140	887	
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	NA 3	7251	**1	0	0	0	0	
WI	NA 4	7252	**1	0	0	0	0	
WI	Neenah Power Plant	55135	CT01	0	5	2	3	
WI	Neenah Power Plant	55135	CT02	0	5	1	4	
WI	Nelson Dewey	4054	CS1 (1, 2)					
WI	Nelson Dewey	4054	1	2,524	6,417	6,225	192	
WI	Nelson Dewey	4054	2	2,808	6,760	5,099	1,661	
WI	North Oak Creek	4039	1	2,119	0	0	0	
WI	North Oak Creek	4039	2	2,081	0	0	0	
WI	North Oak Creek	4039	3	2,130	0	0	0	
WI	North Oak Creek	4039	4	2,482	0	0	0	
WI	Paris	7270	**1	124	13	0	13	
WI	Paris	7270	**2	124	12	0	12	
WI	Paris	7270	**3	124	13	0	13	
WI	Paris	7270	**4	124	8	0	8	
WI	Pleasant Prairie	6170	CS1 (1, 2)					
WI	Pleasant Prairie	6170	1	11,802	16,809	16,065	744	
WI	Pleasant Prairie	6170	2	16,680	16,946	16,065	881	
WI	Port Washington	4040	CS7 (1, 2, 3)					
WI	Port Washington	4040	1	529	3,639	3,503	136	
WI	Port Washington	4040	2	1,031	3,610	3,503	107	
WI	Port Washington	4040	3	858	3,827	3,503	324	
WI	Port Washington	4040	4	804	3,036	2,867	169	
WI	Port Washington	4040	5	1,061	0	0	0	
WI	Pulliam	4072	CS34 (3, 4)					
WI	Pulliam	4072	3	140	266	248	18	
WI	Pulliam	4072	4	208	390	358	32	
WI	Pulliam	4072	CS56 (5, 6)					

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2001 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2002	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2002	
WI	Pulliam	4072	5	607	1,034	941	93	
WI	Pulliam	4072	6	791	1,665	1,412	253	
WI	Pulliam	4072	7	2,280	1,300	1,216	84	
WI	Pulliam	4072	8	3,153	2,569	2,300	269	
WI	Rock River	4057	1	1,560	15,008	8	15,000	
WI	Rock River	4057	2	1,482	15,879	4	15,875	
WI	RockGen Energy Center	55391	CT-1	0	1	0	1	
WI	RockGen Energy Center	55391	CT-2	0	1	0	1	
WI	RockGen Energy Center	55391	CT-3	0	1	0	1	
WI	South Fond Du Lac	7203	**CT1	639	1,278	0	1,278	
WI	South Fond Du Lac	7203	**CT2	39	78	0	78	
WI	South Fond Du Lac	7203	**CT3	39	78	0	78	
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	7,769	7,350	419	
WI	South Oak Creek	4041	6	4,861	5,110	4,900	210	
WI	South Oak Creek	4041	CS4 (7, 8)					
WI	South Oak Creek	4041	7	6,504	3,469	3,296	173	
WI	South Oak Creek	4041	8	6,392	4,694	4,451	243	
WI	Stoneman	4146	CS12 (B1, B2)					
WI	Stoneman	4146	B1	177	277	267	10	
WI	Stoneman	4146	B2	223	351	332	19	
WI	Valley (WEPCO)	4042	CS1 (1, 2)					
WI	Valley (WEPCO)	4042	1	1,805	3,937	3,770	167	
WI	Valley (WEPCO)	4042	2	1,824	3,995	3,769	226	
WI	Valley (WEPCO)	4042	CS2 (3, 4)					
WI	Valley (WEPCO)	4042	3	1,954	3,767	3,548	219	
WI	Valley (WEPCO)	4042	4	1,900	3,711	3,548	163	
WI	West Marinette	4076	**33	765	490	0	490	
WI	West Marinette	4076	**34	0	5	1	4	
WI	Weston	4078	1	1,396	1,720	1,483	237	
WI	Weston	4078	2	3,547	2,300	2,132	168	
WI	Weston	4078	3	9,704	9,628	8,806	822	
WI	Whitewater	55011	01	0	5	2	3	
WV	Albright	3942	1	1,974	4,447	4,347	100	
WV	Albright	3942	2	2,054	4,428	4,328	100	
WV	Albright	3942	3	4,598	13,064	12,864	200	
WV	Big Sandy Peaker Plant	55284	GS01	0	0	0	0	
WV	Big Sandy Peaker Plant	55284	GS02	0	0	0	0	
WV	Big Sandy Peaker Plant	55284	GS03	0	0	0	0	
WV	Big Sandy Peaker Plant	55284	GS04	0	0	0	0	
WV	Big Sandy Peaker Plant	55284	GS05	0	0	0	0	
WV	Big Sandy Peaker Plant	55284	GS06	0	0	0	0	
WV	Big Sandy Peaker Plant	55284	GS07	0	0	0	0	
WV	Big Sandy Peaker Plant	55284	GS08	0	0	0	0	
WV	Big Sandy Peaker Plant	55284	GS09	0	0	0	0	
WV	Big Sandy Peaker Plant	55284	GS10	0	0	0	0	
WV	Big Sandy Peaker Plant	55284	GS11	0	0	0	0	
WV	Big Sandy Peaker Plant	55284	GS12	0	0	0	0	
WV	Ceredo Electric Generating Station	55276	01	0	0	0	0	
WV	Ceredo Electric Generating Station	55276	02	0	0	0	0	
WV	Ceredo Electric Generating Station	55276	03	0	0	0	0	
WV	Ceredo Electric Generating Station	55276	04	0	0	0	0	

STATE	PLANT NAME	PLANT CODE	STACK/UNIT ID*	2001 ALLOWANCES ALLOCATED	HELD IN ACCOUNTS AS OF 3/1/2002	ALLOWANCES DEDUCTED	ALLOWANCES CARRIED OVER TO 2002
WV	Ceredo Electric Generating Station	55276	05	0	0	0	0
WV	Ceredo Electric Generating Station	55276	06	0	0	0	0
WV	Fort Martin	3943	1	17,935	48,224	47,724	500
WV	Fort Martin	3943	2	17,767	32,437	31,937	500
WV	Harrison	3944	XS123 (1, 2, 3)				
WV	Harrison	3944	1	20,966	3,593	3,193	400
WV	Harrison	3944	2	19,902	2,135	1,735	400
WV	Harrison	3944	3	17,898	2,608	2,209	399
WV	John E Amos	3935	CS012 (1, 2)				
WV	John E Amos	3935	1	22,589	24,496	23,783	713
WV	John E Amos	3935	2	25,899	29,252	28,401	851
WV	John E Amos	3935	3	41,512	32,403	26,667	5,736
WV	Kammer	3947	CS013 (1, 2, 3)				
WV	Kammer	3947	1	8,082	14,928	14,493	435
WV	Kammer	3947	2	8,390	11,835	11,490	345
WV	Kammer	3947	3	7,499	13,310	12,922	388
WV	Kanawha River	3936	CS012 (1, 2)				
WV	Kanawha River	3936	1	4,462	7,500	7,282	218
WV	Kanawha River	3936	2	4,291	8,534	8,285	249
WV	Mitchell	3948	CS012 (1, 2)				
WV	Mitchell	3948	1	18,963	21,530	20,901	629
WV	Mitchell	3948	2	19,622	29,874	29,004	870
WV	Mountaineer (1301)	6264	1	35,223	30,157	29,279	878
WV	Mt. Storm	3954	CS0 (1, 2)				
WV	Mt. Storm	3954	1	18,855	37,038	35,511	1,527
WV	Mt. Storm	3954	2	17,688	38,559	36,541	2,018
WV	Mt. Storm	3954	3	18,296	23,649	1,400	22,249
WV	North Branch Power Station	7537	CS1 (1A, 1B)				
WV	North Branch Power Station	7537	1A	0	741	355	386
WV	North Branch Power Station	7537	1B	0	745	366	379
WV	Phil Sporn	3938	CS014 (11, 21, 31, 41)				
WV	Phil Sporn	3938	11	3,130	6,171	5,991	180
WV	Phil Sporn	3938	21	2,965	5,371	5,215	156
WV	Phil Sporn	3938	31	3,313	6,572	6,381	191
WV	Phil Sporn	3938	41	3,053	6,843	6,644	199
WV	Phil Sporn	3938	51	10,617	15,515	15,063	452
WV	Pleasants	6004	1	17,603	23,728	23,528	200
WV	Pleasants	6004	2	20,194	21,487	21,287	200
WV	Rivesville	3945	7	1,237	1,826	1,726	100
WV	Rivesville	3945	8	2,529	3,718	3,618	100
WV	Willow Island	3946	1	1,496	2,923	2,823	100
WV	Willow Island	3946	2	4,684	10,963	10,763	200
WY	Dave Johnston	4158	BW41	4,706	3,758	3,733	25
WY	Dave Johnston	4158	BW42	4,572	3,420	3,395	25
WY	Dave Johnston	4158	BW43	8,830	6,006	5,981	25
WY	Dave Johnston	4158	BW44	6,804	5,487	5,462	25
WY	Jim Bridger	8066	BW71	20,913	6,608	6,583	25
WY	Jim Bridger	8066	BW72	20,470	5,983	5,958	25
WY	Jim Bridger	8066	BW73	19,590	6,455	6,378	77
WY	Jim Bridger	8066	BW74	4,065	4,933	4,908	25
WY	Laramie River	6204	1	5,113	5,616	3,772	1,844
WY	Laramie River	6204	2	4,303	4,500	3,283	1,217
WY	Laramie River	6204	3	3,823	4,370	4,369	1

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WY	Naughton	4162	1	5,203	7,731	7,706	25	
WY	Naughton	4162	2	6,743	9,569	9,544	25	
WY	Naughton	4162	3	5,216	4,487	4,462	25	
WY	Neil Simpson II	7504	001	0	838	719	119	
WY	Neil Simpson II	7504	CT1	0	7	3	4	
WY	Neil Simpson II (CT2)	55477	CT2	0	4	1	3	
WY	Wyodak	6101	BW91	18,317	9,471	8,214	1,257	

* 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).

2001 Compliance Results for NOx Affected Units

Date of NOx Compliance Assessment: 05/15/2002

ST	Plant Name	Operating Utility	ORIS Code	Boiler	Compliance Approach	Standard Emission Limit	Actual Emission Rate	Early Election Limit	AEL	Avg. Plan Limit	Actual Avg. Plan Rate	1990 Emission Rate	Change from 1990 to 2001
AL	Barry	Alabama Power Company	3	1	Averaging Plan	0.40	0.55			0.46	0.42		
AL	Barry	Alabama Power Company	3	2	Averaging Plan	0.40	0.55			0.46	0.42	0.54	2%
AL	Barry	Alabama Power Company	3	3	Averaging Plan	0.40	0.55			0.46	0.42	0.54	2%
AL	Barry	Alabama Power Company	3	4	Averaging Plan	0.40	0.31			0.46	0.42	0.65	-52%
AL	Barry	Alabama Power Company	3	5	Averaging Plan	0.40	0.36			0.46	0.42	0.68	-47%
AL	Charles R Lowman	Alabama Electric Cooperative	56	1	Standard Limitation	0.46	0.41					0.69	-41%
AL	Charles R Lowman	Alabama Electric Cooperative	56	2	Early Election	0.46	0.50	0.50				0.62	-19%
AL	Charles R Lowman	Alabama Electric Cooperative	56	3	Early Election	0.46	0.48	0.50				0.66	-27%
AL	Colbert	Tennessee Valley Authority	47	1	Averaging Plan	0.50	0.44			0.58	0.53	0.80	-45%
AL	Colbert	Tennessee Valley Authority	47	2	Averaging Plan	0.50	0.44			0.58	0.53	0.67	-34%
AL	Colbert	Tennessee Valley Authority	47	3	Averaging Plan	0.50	0.44			0.58	0.53	0.83	-47%
AL	Colbert	Tennessee Valley Authority	47	4	Averaging Plan	0.50	0.44			0.58	0.53	0.86	-49%
AL	Colbert	Tennessee Valley Authority	47	5	Averaging Plan	0.50	0.41			0.58	0.53	0.78	-47%
AL	E C Gaston	Alabama Power Company	26	1	Averaging Plan	0.50	0.48			0.46	0.42	0.90	-47%
AL	E C Gaston	Alabama Power Company	26	2	Averaging Plan	0.50	0.48			0.46	0.42	0.78	-38%
AL	E C Gaston	Alabama Power Company	26	3	Averaging Plan	0.50	0.46			0.46	0.42	0.80	-43%
AL	E C Gaston	Alabama Power Company	26	4	Averaging Plan	0.50	0.46			0.46	0.42	0.80	-43%
AL	E C Gaston	Alabama Power Company	26	5	Averaging Plan	0.45	0.42			0.46	0.42	0.78	-46%
AL	Gadsden	Alabama Power Company	7	1	Averaging Plan	0.45	0.57			0.46	0.42	0.51	12%
AL	Gadsden	Alabama Power Company	7	2	Averaging Plan	0.45	0.61			0.46	0.42	0.56	9%
AL	Gorgas	Alabama Power Company	8	6	Averaging Plan	0.46	0.78			0.46	0.42	0.83	-6%
AL	Gorgas	Alabama Power Company	8	7	Averaging Plan	0.46	0.78			0.46	0.42	0.83	-6%
AL	Gorgas	Alabama Power Company	8	8	Averaging Plan	0.40	0.45			0.46	0.42	0.55	-18%
AL	Gorgas	Alabama Power Company	8	9	Averaging Plan	0.40	0.40			0.46	0.42	0.57	-30%
AL	Gorgas	Alabama Power Company	8	10	Averaging Plan	0.40	0.43			0.46	0.42	0.73	-41%
AL	Greene County	Alabama Power Company	10	1	Averaging Plan	0.68	0.68			0.46	0.42	0.92	-26%
AL	Greene County	Alabama Power Company	10	2	Averaging Plan	0.46	0.43			0.46	0.42	0.82	-48%
AL	James H Miller Jr	Alabama Power Company	6002	1	Averaging Plan	0.46	0.28			0.46	0.42	0.73	-62%
AL	James H Miller Jr	Alabama Power Company	6002	2	Averaging Plan	0.46	0.30			0.46	0.42	0.54	-44%

2001 Compliance Results for NOx Affected Units

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AL	James H Miller Jr	Alabama Power Company	6002	3	Averaging Plan	0.46	0.30			0.46	0.42	0.44	-32%
AL	James H Miller Jr	Alabama Power Company	6002	4	Averaging Plan	0.46	0.33			0.46	0.42	0.58	-43%
AL	Widows Creek	Tennessee Valley Authority	50	1	Averaging Plan	0.46	0.65			0.58	0.53	0.76	-14%
AL	Widows Creek	Tennessee Valley Authority	50	2	Averaging Plan	0.46	0.65			0.58	0.53	0.76	-14%
AL	Widows Creek	Tennessee Valley Authority	50	3	Averaging Plan	0.46	0.65			0.58	0.53	0.76	-14%
AL	Widows Creek	Tennessee Valley Authority	50	4	Averaging Plan	0.46	0.65			0.58	0.53	0.76	-14%
AL	Widows Creek	Tennessee Valley Authority	50	5	Averaging Plan	0.46	0.65			0.58	0.53	0.76	-14%
AL	Widows Creek	Tennessee Valley Authority	50	6	Averaging Plan	0.46	0.65			0.58	0.53	0.76	-14%
AL	Widows Creek	Tennessee Valley Authority	50	7	Averaging Plan	0.40	0.40			0.58	0.53	0.78	-49%
AL	Widows Creek	Tennessee Valley Authority	50	8	Averaging Plan	0.40	0.49			0.58	0.53	0.63	-22%
AR	Flint Creek	American Electric Power Service	6138	1	Early Election	0.46	0.29	0.50				0.31	-6%
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	0.31	0.45				0.35	-11%
AR	White Bluff	Entergy Arkansas, Inc	6009	1	Early Election	0.40	0.33	0.45				0.29	14%
AR	White Bluff	Entergy Arkansas, Inc	6009	2	Early Election	0.40	0.34	0.45				0.34	0%
AZ	Apache Station	Arizona Electric Power Cooperative	160	2	Early Election	0.46	0.47	0.50				0.58	-19%
AZ	Apache Station	Arizona Electric Power Cooperative	160	3	Early Election	0.46	0.44	0.50				0.58	-24%
AZ	Cholla	Arizona Public Service Company	113	1	Early Election	0.40	0.37	0.45				0.46	-20%
AZ	Cholla	Arizona Public Service Company	113	2	Early Election	0.40	0.34	0.45				0.42	-19%
AZ	Cholla	Arizona Public Service Company	113	3	Early Election	0.40	0.29	0.45				0.36	-19%
AZ	Cholla	Arizona Public Service Company	113	4	Early Election	0.40	0.27	0.45				0.38	-29%
AZ	Coronado Generating Station	Salt River Proj. Ag. I & P District	6177	U1B	Early Election	0.46	0.43	0.50				0.51	-16%
AZ	Coronado Generating Station	Salt River Proj. Ag. I & P District	6177	U2B	Early Election	0.46	0.43	0.50				0.51	-16%
AZ	Irvington	Tucson Electric Power Company	126	4	Standard Limitation	0.46	0.42					0.71	-41%
AZ	Navajo Generating Station	Salt River Proj. Ag. I & P District	4941	1	Early Election	0.40	0.37	0.45				0.41	-10%
AZ	Navajo Generating Station	Salt River Proj. Ag. I & P District	4941	2	Early Election	0.40	0.36	0.45				0.41	-12%
AZ	Navajo Generating Station	Salt River Proj. Ag. I & P District	4941	3	Early Election	0.40	0.33	0.45				0.37	-11%
AZ	Springerville	Tucson Electric Power Company	8223	1	Early Election	0.40	0.41	0.45				0.34	21%
AZ	Springerville	Tucson Electric Power Company	8223	2	Early Election	0.40	0.41	0.45				0.33	24%

2001 Compliance Results for NOx Affected Units

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CO	Arapahoe	Public Service Company of Colorado	465	1	Averaging Plan	0.80	0.76			0.80	0.56	1.14	-33%
CO	Arapahoe	Public Service Company of Colorado	465	2	Averaging Plan	0.80	0.76			0.80	0.56	1.14	-33%
CO	Arapahoe	Public Service Company of Colorado	465	3	Averaging Plan	0.80	0.77			0.80	0.56	1.12	-31%
CO	Arapahoe	Public Service Company of Colorado	465	4	Averaging Plan	0.80	0.26			0.80	0.56	1.10	-76%
CO	Cameo	Public Service Company of Colorado	468	2	Standard Limitation	0.46	0.38					0.96	-60%
CO	Cherokee	Public Service Company of Colorado	469	1	Averaging Plan	0.80	0.31			0.80	0.55	1.38	-78%
CO	Cherokee	Public Service Company of Colorado	469	2	Averaging Plan	0.80	0.76			0.80	0.55	1.67	-54%
CO	Cherokee	Public Service Company of Colorado	469	3	Early Election	0.46	0.33	0.50				0.73	-55%
CO	Cherokee	Public Service Company of Colorado	469	4	Early Election	0.40	0.31	0.45				0.51	-39%
CO	Comanche (470)	Public Service Company of Colorado	470	1	Early Election	0.40	0.22	0.45				0.24	-8%
CO	Comanche (470)	Public Service Company of Colorado	470	2	Early Election	0.46	0.32	0.50				0.31	3%
CO	Craig	Tri-State Generation & Transmission	6021	C1	Early Election	0.46	0.36	0.50				0.39	-8%
CO	Craig	Tri-State Generation & Transmission	6021	C2	Early Election	0.46	0.37	0.50				0.40	-8%
CO	Craig	Tri-State Generation & Transmission	6021	C3	Early Election	0.46	0.35	0.50				0.28	25%
CO	Hayden	Public Service Company of Colorado	525	H1	Standard Limitation	0.46	0.43					0.89	-52%
CO	Hayden	Public Service Company of Colorado	525	H2	Standard Limitation	0.40	0.36					0.45	-20%
CO	Martin Drake	Colorado Springs Utilities	492	5	Averaging Plan	0.46	0.41			0.46	0.40	1.09	-62%
CO	Martin Drake	Colorado Springs Utilities	492	6	Averaging Plan	0.46	0.39			0.46	0.40	0.83	-53%
CO	Martin Drake	Colorado Springs Utilities	492	7	Averaging Plan	0.46	0.41			0.46	0.40	0.93	-56%
CO	Pawnee	Public Service Company of Colorado	6248	1	Early Election	0.46	0.23	0.50				0.62	-63%
CO	Rawhide Energy Station	Platte River Power Authority	6761	101	Early Election	0.40	0.33	0.45				0.43	-23%
CO	Ray D Nixon	Colorado Springs Utilities	8219	1	Early Election	0.46	0.31	0.50				0.54	-43%
CO	Valmont	Public Service Company of Colorado	477	5	Early Election	0.40	0.29	0.45				0.17	71%
CT	Bridgeport Harbor	Wisvest Connecticut, LLC	568	BHB3	Early Election	0.40	0.26	0.45				0.56	-54%
DE	Edge Moor	Conectiv Delmarva Generation, Inc	593	3	Standard Limitation	0.40	0.28					0.74	-62%
DE	Edge Moor	Conectiv Delmarva Generation, Inc	593	4	Standard Limitation	0.40	0.21					0.55	-62%
DE	Indian River	Indian River Operations, Inc	594	1	Standard Limitation	0.46	0.40					0.81	-51%
DE	Indian River	Indian River Operations, Inc	594	2	Standard Limitation	0.46	0.36					0.81	-56%
DE	Indian River	Indian River Operations, Inc	594	3	Standard Limitation	0.46	0.31					0.97	-68%

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DE	Indian River	Indian River Operations, Inc	594	4	Standard Limitation	0.46	0.34					0.57	-40%
FL	Big Bend	Tampa Electric Company	645	BB01	Averaging Plan	0.84	0.67			0.77	0.63	1.24	-46%
FL	Big Bend	Tampa Electric Company	645	BB02	Averaging Plan	0.84	0.67			0.77	0.63	1.26	-47%
FL	Big Bend	Tampa Electric Company	645	BB03	Averaging Plan	0.84	0.57			0.77	0.63	0.64	-11%
FL	Big Bend	Tampa Electric Company	645	BB04	Averaging Plan	0.45	0.43			0.77	0.63	0.46	-7%
FL	C D McIntosh	City of Lakeland	676	3	Early Election	0.46	0.48	0.50				0.46	4%
FL	Crist Electric Generating Plant	Gulf Power Company	641	4	Averaging Plan	0.45	0.40			0.46	0.42	0.43	-7%
FL	Crist Electric Generating Plant	Gulf Power Company	641	5	Averaging Plan	0.45	0.38			0.46	0.42	0.49	-22%
FL	Crist Electric Generating Plant	Gulf Power Company	641	6	Averaging Plan	0.50	0.47			0.46	0.42	1.04	-55%
FL	Crist Electric Generating Plant	Gulf Power Company	641	7	Averaging Plan	0.50	0.44			0.46	0.42	1.16	-62%
FL	Crystal River	Florida Power Corporation	628	1	Standard Limitation	0.40	0.37					0.79	-53%
FL	Crystal River	Florida Power Corporation	628	2	Early Election	0.40	0.44	0.45				0.38	16%
FL	Crystal River	Florida Power Corporation	628	4	Early Election	0.46	0.47	0.50				0.50	-6%
FL	Crystal River	Florida Power Corporation	628	5	Early Election	0.46	0.46	0.50				0.47	-2%
FL	Deerhaven	Gainesville Regional Utilities	663	B2	Early Election	0.46	0.46	0.50				0.53	-13%
FL	F J Gannon	Tampa Electric Company	646	GB03	Averaging Plan	0.86	0.77			0.77	0.63	1.52	-49%
FL	F J Gannon	Tampa Electric Company	646	GB04	Averaging Plan	0.86	0.80			0.77	0.63	1.48	-46%
FL	F J Gannon	Tampa Electric Company	646	GB05	Averaging Plan	0.84	0.62			0.77	0.63	1.26	-51%
FL	F J Gannon	Tampa Electric Company	646	GB06	Averaging Plan	0.84	0.75			0.77	0.63	1.61	-53%
FL	Lansing Smith	Gulf Power Company	643	1	Averaging Plan	0.40	0.48			0.46	0.42	0.71	-32%
FL	Lansing Smith	Gulf Power Company	643	2	Averaging Plan	0.40	0.39			0.46	0.42	0.63	-38%
FL	Scholz Electric Generating Plant	Gulf Power Company	642	1	Averaging Plan	0.50	0.57			0.46	0.42	0.69	-17%
FL	Scholz Electric Generating Plant	Gulf Power Company	642	2	Averaging Plan	0.50	0.58			0.46	0.42	0.80	-28%
FL	Seminole (136)	Seminole Electric Cooperative, Inc	136	1	Early Election	0.46	0.46	0.50				0.43	7%
FL	Seminole (136)	Seminole Electric Cooperative, Inc	136	2	Early Election	0.46	0.47	0.50				0.36	31%
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 Commision	564	1	Standard Limitation	0.46	0.44					0.43	2%
GA	Arkwright	Georgia Power Company	699	1	Averaging Plan	0.45	0.86			0.46	0.42	0.90	-4%

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GA	Arkwright	Georgia Power Company	699	2	Averaging Plan	0.45	0.86			0.46	0.42	0.90	-4%
GA	Arkwright	Georgia Power Company	699	3	Averaging Plan	0.50	0.86			0.46	0.42	0.90	-4%
GA	Arkwright	Georgia Power Company	699	4	Averaging Plan	0.50	0.86			0.46	0.42	0.90	-4%
GA	Bowen	Georgia Power Company	703	1BLR	Averaging Plan	0.45	0.31			0.46	0.42	0.67	-54%
GA	Bowen	Georgia Power Company	703	2BLR	Averaging Plan	0.45	0.37			0.46	0.42	0.65	-43%
GA	Bowen	Georgia Power Company	703	3BLR	Averaging Plan	0.45	0.42			0.46	0.42	0.56	-25%
GA	Bowen	Georgia Power Company	703	4BLR	Averaging Plan	0.45	0.42			0.46	0.42	0.58	-28%
GA	Hammond	Georgia Power Company	708	1	Averaging Plan	0.50	0.84			0.46	0.42	0.84	0%
GA	Hammond	Georgia Power Company	708	2	Averaging Plan	0.50	0.84			0.46	0.42	0.84	0%
GA	Hammond	Georgia Power Company	708	3	Averaging Plan	0.50	0.84			0.46	0.42	0.84	0%
GA	Hammond	Georgia Power Company	708	4	Averaging Plan	0.50	0.42			0.46	0.42	1.20	-65%
GA	Harllee Branch	Georgia Power Company	709	1	Averaging Plan	0.68	0.82			0.46	0.42	1.18	-31%
GA	Harllee Branch	Georgia Power Company	709	2	Averaging Plan	0.50	0.74			0.46	0.42	0.99	-25%
GA	Harllee Branch	Georgia Power Company	709	3	Averaging Plan	0.68	0.80			0.46	0.42	1.04	-23%
GA	Harllee Branch	Georgia Power Company	709	4	Averaging Plan	0.68	0.80			0.46	0.42	1.04	-23%
GA	Jack McDonough	Georgia Power Company	710	MB1	Averaging Plan	0.45	0.30			0.46	0.42	0.66	-55%
GA	Jack McDonough	Georgia Power Company	710	MB2	Averaging Plan	0.45	0.30			0.46	0.42	0.60	-50%
GA	Kraft	Savannah Electric Power Company	733	1	Averaging Plan	0.45	0.52			0.46	0.42	0.40	30%
GA	Kraft	Savannah Electric Power Company	733	2	Averaging Plan	0.45	0.52			0.46	0.42	0.40	30%
GA	Kraft	Savannah Electric Power Company	733	3	Averaging Plan	0.45	0.52			0.46	0.42	0.40	30%
GA	McIntosh (6124)	Savannah Electric Power Company	6124	1	Averaging Plan	0.50	0.73			0.46	0.42	0.83	-12%
GA	Mitchell	Georgia Power Company	727	3	Averaging Plan	0.45	0.59			0.46	0.42	0.61	-3%
GA	Scherer	Georgia Power Company	6257	1	Averaging Plan	0.40	0.34			0.46	0.42	0.52	-35%
GA	Scherer	Georgia Power Company	6257	2	Averaging Plan	0.40	0.37			0.46	0.42	0.35	6%
GA	Scherer	Georgia Power Company	6257	3	Averaging Plan	0.45	0.26			0.46	0.42	0.20	30%
GA	Scherer	Georgia Power Company	6257	4	Averaging Plan/EE	0.40	0.27	0.45		0.46	0.42	0.21	29%
GA	Wansley (6052)	Georgia Power Company	6052	1	Averaging Plan	0.45	0.39			0.46	0.42	0.73	-47%
GA	Wansley (6052)	Georgia Power Company	6052	2	Averaging Plan	0.45	0.40			0.46	0.42	0.67	-40%
GA	Yates	Georgia Power Company	728	Y1BR	Averaging Plan	0.45	0.39			0.46	0.42	0.56	-30%

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GA	Yates	Georgia Power Company	728	Y2BR	Averaging Plan	0.45	0.40			0.46	0.42	0.62	-35%
GA	Yates	Georgia Power Company	728	Y3BR	Averaging Plan	0.45	0.40			0.46	0.42	0.62	-35%
GA	Yates	Georgia Power Company	728	Y4BR	Averaging Plan	0.45	0.35			0.46	0.42	0.56	-38%
GA	Yates	Georgia Power Company	728	Y5BR	Averaging Plan	0.45	0.35			0.46	0.42	0.65	-46%
GA	Yates	Georgia Power Company	728	Y6BR	Averaging Plan	0.45	0.27			0.46	0.42	0.67	-60%
GA	Yates	Georgia Power Company	728	Y7BR	Averaging Plan	0.45	0.27			0.46	0.42	0.61	-56%
IA	Ames	City of Ames	1122	7	Early Election	0.40	0.36	0.45				0.60	-40%
IA	Ames	City of Ames	1122	8	Early Election	0.46	0.45	0.50				0.55	-18%
IA	Burlington (IA)	IES Utilities, Inc	1104	1	Averaging Plan	0.45	0.18			0.46	0.36	0.63	-71%
IA	Council Bluffs	MidAmerican Energy Company	1082	1	Early Election	0.46	0.44	0.50				0.56	-21%
IA	Council Bluffs	MidAmerican Energy Company	1082	2	Early Election	0.40	0.39	0.45				0.33	18%
IA	Council Bluffs	MidAmerican Energy Company	1082	3	Early Election	0.46	0.44	0.50				0.37	19%
IA	Dubuque	Interstate Power Company	1046	1	Averaging Plan	0.46	0.68			0.46	0.36	0.69	-1%
IA	Dubuque	Interstate Power Company	1046	5	Averaging Plan	0.46	0.91			0.46	0.36	0.80	14%
IA	Earl F Wisdom	Corn Belt Power Cooperative	1217	1	AEL	0.46	0.58		0.59			1.11	-48%
IA	Fair Station	Central Iowa Power Cooperative	1218	2	Standard Limitation	0.46	0.40					0.97	-59%
IA	George Neal North	MidAmerican Energy Company	1091	2	Early Election	0.46	0.39	0.50				1.06	-63%
IA	George Neal North	MidAmerican Energy Company	1091	3	Early Election	0.46	0.47	0.50				0.39	21%
IA	George Neal South	MidAmerican Energy Company	7343	4	Early Election	0.46	0.34	0.50				0.64	-47%
IA	Lansing	Interstate Power Company	1047	1	Averaging Plan	0.46	0.54			0.46	0.36	0.80	-33%
IA	Lansing	Interstate Power Company	1047	2	Averaging Plan	0.46	0.54			0.46	0.36	0.80	-33%
IA	Lansing	Interstate Power Company	1047	3	Averaging Plan	0.46	0.65			0.46	0.36	1.03	-37%
IA	Lansing	Interstate Power Company	1047	4	Early Election	0.46	0.41	0.50				0.50	-18%
IA	Louisa	MidAmerican Energy Company	6664	101	Early Election	0.46	0.30	0.50				0.25	20%
IA	Milton L Kapp	Interstate Power Company	1048	2	Averaging Plan	0.45	0.18			0.46	0.36	0.80	-78%
IA	Muscatine	City of Muscatine	1167	9	Standard Limitation	0.40	0.26					0.35	-26%
IA	Ottumwa	IES Utilities, Inc	6254	1	Early Election	0.40	0.34	0.45				0.69	-51%
IA	Prairie Creek	IES Utilities, Inc	1073	3	Averaging Plan	0.46	0.49			0.46	0.36	0.83	-41%
IA	Prairie Creek	IES Utilities, Inc	1073	4	Averaging Plan	0.50	0.36			0.46	0.36	1.05	-66%

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IA	Riverside (1081)	MidAmerican Energy Company	1081	9	Standard Limitation	0.45	0.35					0.82	-57%
IA	Sixth Street	IES Utilities, Inc	1058	2	Averaging Plan	0.46	0.29			0.46	0.36	Not Oper.	
IA	Sixth Street	IES Utilities, Inc	1058	3	Averaging Plan	0.46	0.42			0.46	0.36	Not Oper.	
IA	Sixth Street	IES Utilities, Inc	1058	4	Averaging Plan	0.46	0.38			0.46	0.36	Not Oper.	
IA	Sixth Street	IES Utilities, Inc	1058	5	Averaging Plan	0.46	0.76			0.46	0.36	Not Oper.	
IA	Sutherland	IES Utilities, Inc	1077	1	Averaging Plan	0.46	0.59			0.46	0.36	0.48	23%
IA	Sutherland	IES Utilities, Inc	1077	2	Averaging Plan	0.46	0.49			0.46	0.36	0.48	2%
IL	Baldwin	Dynegy Midwest Generation, Inc	889	1	Averaging Plan	0.86	0.60			0.69	0.55	1.70	-65%
IL	Baldwin	Dynegy Midwest Generation, Inc	889	2	Averaging Plan	0.86	0.65			0.69	0.55	1.47	-56%
IL	Baldwin	Dynegy Midwest Generation, Inc	889	3	Standard Limitation	0.45	0.14					0.67	-79%
IL	Coffeen	Ameren Energy Generating Company	861	01	Averaging Plan	0.86	0.77			0.63	0.51	1.23	-37%
IL	Coffeen	Ameren Energy Generating Company	861	02	Averaging Plan	0.86	0.77			0.63	0.51	1.23	-37%
IL	Crawford	Midwest Generation EME, LLC	867	7	Averaging Plan/EE	0.40	0.25	0.45		0.68	0.56	0.33	-24%
IL	Crawford	Midwest Generation EME, LLC	867	8	Averaging Plan/EE	0.40	0.24	0.45		0.68	0.56	0.48	-50%
IL	Dallman	City of Springfield, IL	963	33	Early Election	0.40	0.44	0.45				0.55	-20%
IL	Duck Creek	Central Illinois Light Company	6016	1	AEL	0.46	0.57		0.58			0.90	-37%
IL	E D Edwards	Central Illinois Light Company	856	1	Standard Limitation	0.46	0.40					0.98	-59%
IL	E D Edwards	Central Illinois Light Company	856	2	Standard Limitation	0.46	0.42					1.00	-58%
IL	E D Edwards	Central Illinois Light Company	856	3	AEL	0.46	0.48		0.53			1.25	-62%
IL	Fisk	Midwest Generation EME, LLC	886	19	Averaging Plan/EE	0.40	0.34	0.45		0.68	0.56	0.39	-13%
IL	Grand Tower	Ameren Energy Generating Company	862	07	Standard Limitation	0.50	Not Oper.					0.78	
IL	Grand Tower	Ameren Energy Generating Company	862	08	Standard Limitation	0.50	Not Oper.					0.96	
IL	Grand Tower	Ameren Energy Generating Company	862	09	Standard Limitation	0.50	Not Oper.					0.64	
IL	Havana	Dynegy Midwest Generation, Inc	891	9	Standard Limitation	0.46	0.39					0.46	-15%
IL	Hennepin	Dynegy Midwest Generation, Inc	892	1	Averaging Plan	0.40	0.35			0.69	0.55	0.57	-39%
IL	Hennepin	Dynegy Midwest Generation, Inc	892	2	Averaging Plan	0.45	0.35			0.69	0.55	0.59	-41%
IL	Hutsonville	Ameren Energy Generating Company	863	05	Averaging Plan	0.45	0.55			0.63	0.51	0.70	-21%
IL	Hutsonville	Ameren Energy Generating Company	863	06	Averaging Plan	0.45	0.53			0.63	0.51	0.67	-21%
IL	Joliet 29	Midwest Generation EME, LLC	384	71	Standard Limitation	0.40	0.12					0.32	-63%

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IL	Joliet 29	Midwest Generation EME, LLC	384	72	Standard Limitation	0.40	0.12					0.32	-63%
IL	Joliet 29	Midwest Generation EME, LLC	384	81	Standard Limitation	0.40	0.18					0.46	-61%
IL	Joliet 29	Midwest Generation EME, LLC	384	82	Standard Limitation	0.40	0.18					0.46	-61%
IL	Joliet 9	Midwest Generation EME, LLC	874	5	Standard Limitation	0.86	0.40					0.91	-56%
IL	Joppa Steam	Electric Energy, Inc	887	1	Standard Limitation	0.45	0.15					0.56	-73%
IL	Joppa Steam	Electric Energy, Inc	887	2	Standard Limitation	0.45	0.15					0.56	-73%
IL	Joppa Steam	Electric Energy, Inc	887	3	Standard Limitation	0.45	0.15					0.56	-73%
IL	Joppa Steam	Electric Energy, Inc	887	4	Standard Limitation	0.45	0.15					0.56	-73%
IL	Joppa Steam	Electric Energy, Inc	887	5	Standard Limitation	0.45	0.15					0.56	-73%
IL	Joppa Steam	Electric Energy, Inc	887	6	Standard Limitation	0.45	0.15					0.56	-73%
IL	Kincaid	Dominion Energy Services Company	876	1	Standard Limitation	0.86	0.68					1.47	-54%
IL	Kincaid	Dominion Energy Services Company	876	2	Standard Limitation	0.86	0.68					1.47	-54%
IL	Marion	Southern Illinois Power Cooperative	976	4	Standard Limitation	0.86	0.83					1.15	-28%
IL	Meredosia	Ameren Energy Generating Company	864	01	Averaging Plan	0.45	0.45			0.63	0.51	0.50	-10%
IL	Meredosia	Ameren Energy Generating Company	864	02	Averaging Plan	0.45	0.45			0.63	0.51	0.50	-10%
IL	Meredosia	Ameren Energy Generating Company	864	03	Averaging Plan	0.45	0.45			0.63	0.51	0.50	-10%
IL	Meredosia	Ameren Energy Generating Company	864	04	Averaging Plan	0.45	0.45			0.63	0.51	0.50	-10%
IL	Meredosia	Ameren Energy Generating Company	864	05	Averaging Plan	0.45	0.51			0.63	0.51	0.67	-24%
IL	Newton	Ameren Energy Generating Company	6017	1	Standard Limitation	0.45	0.15					0.47	-68%
IL	Newton	Ameren Energy Generating Company	6017	2	Averaging Plan	0.45	0.15			0.63	0.51	0.39	-62%
IL	Powerton	Midwest Generation EME, LLC	879	51	Averaging Plan	0.86	0.72			0.68	0.56	0.92	-22%
IL	Powerton	Midwest Generation EME, LLC	879	52	Averaging Plan	0.86	0.72			0.68	0.56	0.92	-22%
IL	Powerton	Midwest Generation EME, LLC	879	61	Averaging Plan	0.86	0.72			0.68	0.56	0.92	-22%
IL	Powerton	Midwest Generation EME, LLC	879	62	Averaging Plan	0.86	0.72			0.68	0.56	0.92	-22%
IL	Vermilion	Dynegy Midwest Generation, Inc	897	1	Averaging Plan	0.45	0.39			0.69	0.55	0.94	-59%
IL	Vermilion	Dynegy Midwest Generation, Inc	897	2	Averaging Plan	0.45	0.39			0.69	0.55	0.74	-47%
IL	Waukegan	Midwest Generation EME, LLC	883	7	Averaging Plan/EE	0.40	0.31	0.45		0.68	0.56	0.26	19%
IL	Waukegan	Midwest Generation EME, LLC	883	8	Early Election	0.40	0.13	0.45				0.41	-68%
IL	Will County	Midwest Generation EME, LLC	884	1	Averaging Plan	0.86	0.86			0.68	0.56	0.89	-3%

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IL	Will County	Midwest Generation EME, LLC	884	2	Averaging Plan	0.86	0.82			0.68	0.56	0.87	-6%
IL	Will County	Midwest Generation EME, LLC	884	3	Averaging Plan/EE	0.40	0.21	0.45		0.68	0.56	0.39	-46%
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	0.54			0.69	0.55	0.70	-23%
IL	Wood River	Dynegy Midwest Generation, Inc	898	5	Averaging Plan	0.40	0.50			0.69	0.55	0.61	-18%
IN	A B Brown	Southern Indiana Gas & Electric	6137	1	Early Election	0.46	0.39	0.50				0.61	-36%
IN	A B Brown	Southern Indiana Gas & Electric	6137	2	Early Election	0.46	0.46	0.50				0.39	18%
IN	Bailly	Northern Indiana Public Service	995	7	Averaging Plan	0.86	1.11			0.74	0.67	1.51	-26%
IN	Bailly	Northern Indiana Public Service	995	8	Averaging Plan	0.86	1.11			0.74	0.67	1.51	-26%
IN	Cayuga	PSI Energy, Inc	1001	1	Averaging Plan	0.45	0.33			0.49	0.46	0.42	-21%
IN	Cayuga	PSI Energy, Inc	1001	2	Averaging Plan	0.45	0.28			0.49	0.46	0.47	-40%
IN	Clifty Creek	Indiana Kentucky Electric Corp	983	1	Averaging Plan	0.84	0.74			0.84	0.75	1.68	-56%
IN	Clifty Creek	Indiana Kentucky Electric Corp	983	2	Averaging Plan	0.84	0.74			0.84	0.75	1.68	-56%
IN	Clifty Creek	Indiana Kentucky Electric Corp	983	3	Averaging Plan	0.84	0.74			0.84	0.75	1.68	-56%
IN	Clifty Creek	Indiana Kentucky Electric Corp	983	4	Averaging Plan	0.84	0.77			0.84	0.75	1.88	-59%
IN	Clifty Creek	Indiana Kentucky Electric Corp	983	5	Averaging Plan	0.84	0.77			0.84	0.75	1.88	-59%
IN	Clifty Creek	Indiana Kentucky Electric Corp	983	6	Averaging Plan	0.84	0.77			0.84	0.75	1.88	-59%
IN	Dean H Mitchell	Northern Indiana Public Service	996	4	Early Election	0.40	0.28	0.45				0.43	-35%
IN	Dean H Mitchell	Northern Indiana Public Service	996	5	Early Election	0.40	0.28	0.45				0.43	-35%
IN	Dean H Mitchell	Northern Indiana Public Service	996	6	Early Election	0.40	0.27	0.45				0.58	-53%
IN	Dean H Mitchell	Northern Indiana Public Service	996	11	Early Election	0.46	0.27	0.50				0.58	-53%
IN	Eagle Valley (H T Pritchard)	AES Indianapolis Power & Light	991	3	Averaging Plan	0.45	0.75			0.45	0.37	0.74	1%
IN	Eagle Valley (H T Pritchard)	AES Indianapolis Power & Light	991	4	Averaging Plan	0.45	0.75			0.45	0.37	0.74	1%
IN	Eagle Valley (H T Pritchard)	AES Indianapolis Power & Light	991	5	Averaging Plan	0.45	0.45			0.45	0.37	0.67	-33%
IN	Eagle Valley (H T Pritchard)	AES Indianapolis Power & Light	991	6	Averaging Plan	0.45	0.45			0.45	0.37	0.47	-4%
IN	Edwardsport	PSI Energy, Inc	1004	7-1	Averaging Plan	0.46	0.78			0.49	0.46	0.77	1%
IN	Edwardsport	PSI Energy, Inc	1004	7-2	Averaging Plan	0.46	0.72			0.49	0.46	0.98	-27%
IN	Edwardsport	PSI Energy, Inc	1004	8-1	Averaging Plan	0.46	0.71			0.49	0.46	0.76	-7%
IN	F B Culley	Southern Indiana Gas & Electric	1012	1	Averaging Plan	0.46	0.82			0.50	0.47	0.79	4%

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IN	F B Culley	Southern Indiana Gas & Electric	1012	2	Averaging Plan	0.50	0.44			0.50	0.47	1.05	-58%
IN	F B Culley	Southern Indiana Gas & Electric	1012	3	Averaging Plan	0.50	0.44			0.50	0.47	1.23	-64%
IN	Frank E Ratts	Hoosier Energy REC	1043	1SG1	Averaging Plan	0.50	0.50			0.47	0.41	1.08	-54%
IN	Frank E Ratts	Hoosier Energy REC	1043	2SG1	Averaging Plan	0.50	0.48			0.47	0.41	1.09	-56%
IN	Gibson	PSI Energy, Inc	6113	1	Averaging Plan	0.50	0.47			0.49	0.46	1.03	-54%
IN	Gibson	PSI Energy, Inc	6113	2	Averaging Plan	0.50	0.47			0.49	0.46	1.12	-58%
IN	Gibson	PSI Energy, Inc	6113	3	Averaging Plan	0.50	0.47			0.49	0.46	0.52	-10%
IN	Gibson	PSI Energy, Inc	6113	4	Averaging Plan	0.50	0.48			0.49	0.46	0.66	-27%
IN	Gibson	PSI Energy, Inc	6113	5	Averaging Plan	0.46	0.44			0.49	0.46	0.50	-12%
IN	Harding Street Station (EW Stout)	Indianapolis Power & Light Company	990	50	Averaging Plan	0.45	0.38			0.45	0.37	0.63	-40%
IN	Harding Street Station (EW Stout)	Indianapolis Power & Light Company	990	60	Averaging Plan	0.45	0.36			0.45	0.37	0.65	-45%
IN	Harding Street Station (EW Stout)	Indianapolis Power & Light Company	990	70	Averaging Plan	0.45	0.33			0.45	0.37	0.71	-54%
IN	Merom	Hoosier Energy REC	6213	1SG1	Averaging Plan/EE	0.46	0.41	0.50		0.47	0.41	0.23	78%
IN	Merom	Hoosier Energy REC	6213	2SG1	Averaging Plan/EE	0.46	0.36	0.50		0.47	0.41	0.63	-43%
IN	Michigan City	Northern Indiana Public Service	997	12	Averaging Plan	0.86	0.78			0.74	0.67	1.32	-41%
IN	Mirant State Line Energy (IN)	Mirant State Line Energy, LLC	981	3	Averaging Plan/EE	0.40	0.20	0.45		0.66	0.53	0.32	-38%
IN	Mirant State Line Energy (IN)	Mirant State Line Energy, LLC	981	4	Averaging Plan	0.86	0.78			0.66	0.53	0.75	4%
IN	Noblesville	PSI Energy, Inc	1007	1	Averaging Plan	0.46	0.99			0.49	0.46	0.62	60%
IN	Noblesville	PSI Energy, Inc	1007	2	Averaging Plan	0.46	0.91			0.49	0.46	0.91	0%
IN	Noblesville	PSI Energy, Inc	1007	3	Averaging Plan	0.46	0.85			0.49	0.46	1.21	-30%
IN	Petersburg	AES Indianapolis Power & Light	994	1	Averaging Plan	0.45	0.31			0.45	0.37	0.56	-45%
IN	Petersburg	AES Indianapolis Power & Light	994	2	Averaging Plan	0.45	0.33			0.45	0.37	0.63	-48%
IN	Petersburg	AES Indianapolis Power & Light	994	3	Averaging Plan	0.45	0.39			0.45	0.37	0.37	5%
IN	Petersburg	AES Indianapolis Power & Light	994	4	Averaging Plan	0.45	0.33			0.45	0.37	0.37	-11%
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%
IN	R M Schahfer	Northern Indiana Public Service	6085	14	Averaging Plan	0.86	0.65			0.74	0.67	1.33	-51%

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IN	R M Schahfer	Northern Indiana Public Service	6085	15	Averaging Plan/EE	0.46	0.21	0.50		0.74	0.67	0.42	-50%
IN	R M Schahfer	Northern Indiana Public Service	6085	17	Early Election	0.40	0.34	0.45				0.46	-26%
IN	R M Schahfer	Northern Indiana Public Service	6085	18	Early Election	0.40	0.32	0.45				0.44	-27%
IN	Rockport	Indiana Michigan Power Company	6166	MB1	Averaging Plan/EE	0.46	0.39	0.50		0.62	0.52	0.32	22%
IN	Rockport	Indiana Michigan Power Company	6166	MB2	Averaging Plan/EE	0.46	0.39	0.50		0.62	0.52	0.32	22%
IN	Tanners Creek	Indiana Michigan Power Company	988	U1	Averaging Plan	0.80	0.70			0.62	0.52	1.14	-39%
IN	Tanners Creek	Indiana Michigan Power Company	988	U2	Averaging Plan	0.80	0.70			0.62	0.52	1.14	-39%
IN	Tanners Creek	Indiana Michigan Power Company	988	U3	Averaging Plan	0.80	0.70			0.62	0.52	1.14	-39%
IN	Tanners Creek	Indiana Michigan Power Company	988	U4	Averaging Plan	0.86	1.30			0.62	0.52	1.91	-32%
IN	Wabash River	PSI Energy, Inc	1010	1	Averaging Plan	0.50	0.17			0.49	0.46	0.95	-82%
IN	Wabash River	PSI Energy, Inc	1010	2	Averaging Plan	0.50	0.56			0.49	0.46	0.95	-41%
IN	Wabash River	PSI Energy, Inc	1010	3	Averaging Plan	0.50	0.63			0.49	0.46	0.92	-32%
IN	Wabash River	PSI Energy, Inc	1010	4	Averaging Plan	0.46	0.67			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	0.37			0.49	0.46	0.37	0%
IN	Warrick	Alcoa Power - AGC Division	6705	4	Standard Limitation	0.68	0.46					1.00	-54%
IN	Whitewater Valley	City of Richmond	1040	1	Early Election	0.46	0.42	0.50				0.71	-41%
IN	Whitewater Valley	City of Richmond	1040	2	Early Election	0.40	0.42	0.45				0.71	-41%
KS	Holcomb	Sunflower Electric Power Corp	108	SGU1	Standard Limitation	0.46	0.29					0.32	-9%
KS	Jeffrey Energy Center	Western Resources, Inc	6068	1	Averaging Plan	0.40	0.45			0.40	0.38	0.36	25%
KS	Jeffrey Energy Center	Western Resources, Inc	6068	2	Averaging Plan	0.40	0.38			0.40	0.38	0.47	-19%
KS	Jeffrey Energy Center	Western Resources, Inc	6068	3	Averaging Plan	0.40	0.31			0.40	0.38	0.46	-33%
KS	La Cygne	Kansas City Power & Light Company	1241	1	Averaging Plan	0.86	0.95			0.64	0.53	1.09	-13%
KS	La Cygne	Kansas City Power & Light Company	1241	2	Averaging Plan	0.50	0.26			0.64	0.53	0.29	-10%
KS	Lawrence Energy Center	Western Resources, Inc	1250	3	Averaging Plan	0.40	0.37			0.40	0.38	0.45	-18%
KS	Lawrence Energy Center	Western Resources, Inc	1250	4	Averaging Plan	0.40	0.42			0.40	0.38	0.51	-18%
KS	Lawrence Energy Center	Western Resources, Inc	1250	5	Averaging Plan	0.40	0.35			0.40	0.38	0.34	3%
KS	Nearman Creek	Kansas City Bd. of Public Utilities	6064	N1	Early Election	0.46	0.43	0.50				0.46	-7%
KS	Quindaro	Kansas City Bd. of Public Utilities	1295	1	Standard Limitation	0.86	0.75					0.97	-23%

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KS	Quindaro	Kansas City Bd. of Public Utilities	1295	2	Standard Limitation	0.50	0.26					0.64	-59%
KS	Riverton	Empire District Electric Company	1239	39	Early Election	0.46	0.45	0.50				0.83	-46%
KS	Riverton	Empire District Electric Company	1239	40	Early Election	0.40	0.41	0.45				0.55	-25%
KS	Tecumseh Energy Center	Western Resources, Inc	1252	9	Averaging Plan	0.40	0.50			0.40	0.38	0.42	19%
KS	Tecumseh Energy Center	Western Resources, Inc	1252	10	Averaging Plan	0.40	0.44			0.40	0.38	0.44	0%
KY	Big Sandy	Kentucky Power Company	1353	BSU1	Averaging Plan	0.46	0.55			0.62	0.52	1.33	-59%
KY	Big Sandy	Kentucky Power Company	1353	BSU2	AEL	0.46	0.55		0.57			1.33	-59%
KY	Cane Run	Louisville Gas and Electric Company	1363	4	Early Election	0.46	0.43	0.50				0.84	-49%
KY	Cane Run	Louisville Gas and Electric Company	1363	5	Early Election	0.46	0.46	0.50				1.15	-60%
KY	Cane Run	Louisville Gas and Electric Company	1363	6	Early Election	0.40	0.30	0.45				1.02	-71%
KY	Coleman	Western Kentucky Energy Corporation	1381	C1	Averaging Plan	0.50	0.43			0.49	0.44	1.41	-70%
KY	Coleman	Western Kentucky Energy Corporation	1381	C2	Averaging Plan	0.50	0.43			0.49	0.44	1.29	-67%
KY	Coleman	Western Kentucky Energy Corporation	1381	C3	Averaging Plan	0.50	0.41			0.49	0.44	1.14	-64%
KY	Cooper	East Kentucky Power Cooperative	1384	1	Standard Limitation	0.50	0.43					0.90	-52%
KY	Cooper	East Kentucky Power Cooperative	1384	2	Standard Limitation	0.50	0.43					0.90	-52%
KY	D B Wilson	Western Kentucky Energy Corporation	6823	W1	Averaging Plan	0.46	0.46			0.49	0.44	0.56	-18%
KY	Dale	East Kentucky Power Cooperative	1385	3	Early Election	0.46	0.37	0.50				0.73	-49%
KY	Dale	East Kentucky Power Cooperative	1385	4	Early Election	0.46	0.37	0.50				0.73	-49%
KY	E W Brown	Louisville Gas and Electric Company	1355	1	Averaging Plan	0.50	0.48			0.45	0.36	1.00	-52%
KY	E W Brown	Louisville Gas and Electric Company	1355	2	Averaging Plan	0.45	0.36			0.45	0.36	0.59	-39%
KY	E W Brown	Louisville Gas and Electric Company	1355	3	Averaging Plan	0.45	0.36			0.45	0.36	0.57	-37%
KY	East Bend	Cincinnati Gas & Electric Company	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 Company	1356	1	Averaging Plan	0.45	0.42			0.45	0.36	0.56	-25%
KY	Ghent	Kentucky Utilities Company	1356	2	Averaging Plan	0.40	0.31			0.45	0.36	0.54	-43%
KY	Ghent	Kentucky Utilities Company	1356	3	Averaging Plan	0.46	0.29			0.45	0.36	0.55	-47%
KY	Ghent	Kentucky Utilities Company	1356	4	Averaging Plan	0.46	0.29			0.45	0.36	0.55	-47%
KY	Green River	Kentucky Utilities Company	1357	1	Averaging Plan	0.46	0.69			0.45	0.36	0.65	6%
KY	Green River	Kentucky Utilities Company	1357	2	Averaging Plan	0.46	0.69			0.45	0.36	0.65	6%

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KY	Green River	Kentucky Utilities Company	1357	3	Averaging Plan	0.46	0.69			0.45	0.36	0.65	6%
KY	Green River	Kentucky Utilities Company	1357	4	Averaging Plan	0.46	0.68			0.45	0.36	0.99	-31%
KY	Green River	Kentucky Utilities Company	1357	5	Averaging Plan	0.50	0.39			0.45	0.36	0.84	-54%
KY	H L Spurlock	East Kentucky Power Cooperative	6041	1	Standard Limitation	0.50	0.42					0.90	-53%
KY	H L Spurlock	East Kentucky Power Cooperative	6041	2	Early Election	0.40	0.41	0.45				0.47	-13%
KY	HMP&L Station 2	WKE Station Two Inc	1382	H1	Averaging Plan	0.50	0.45			0.49	0.44	1.34	-66%
KY	HMP&L Station 2	WKE Station Two Inc	1382	H2	Averaging Plan	0.50	0.47			0.49	0.44	1.34	-65%
KY	Mill Creek	Louisville Gas and Electric Company	1364	1	Early Election	0.40	0.26	0.45				0.76	-66%
KY	Mill Creek	Louisville Gas and Electric Company	1364	2	Early Election	0.40	0.28	0.45				0.79	-65%
KY	Mill Creek	Louisville Gas and Electric Company	1364	3	Early Election	0.46	0.40	0.50				0.62	-35%
KY	Mill Creek	Louisville Gas and Electric Company	1364	4	Early Election	0.46	0.37	0.50				0.57	-35%
KY	Paradise	Tennessee Valley Authority	1378	1	Averaging Plan	0.86	0.66			0.58	0.53	1.83	-64%
KY	Paradise	Tennessee Valley Authority	1378	2	Averaging Plan	0.86	0.51			0.58	0.53	1.72	-70%
KY	Paradise	Tennessee Valley Authority	1378	3	Averaging Plan	0.86	0.90			0.58	0.53	1.94	-54%
KY	Pineville	Kentucky Utilities Company	1360	3	Averaging Plan	0.46	0.68			0.45	0.36	0.83	-18%
KY	R D Green	Western Kentucky Energy Corporation	6639	G1	Averaging Plan	0.50	0.41			0.49	0.44	0.41	0%
KY	R D Green	Western Kentucky Energy Corporation	6639	G2	Averaging Plan	0.50	0.44			0.49	0.44	0.45	-2%
KY	Robert Reid	WKE Station Two Inc	1383	R1	Averaging Plan	0.46	0.48			0.49	0.44	0.78	-38%
KY	Shawnee	Tennessee Valley Authority	1379	1	Averaging Plan	0.46	0.37			0.58	0.53	0.71	-48%
KY	Shawnee	Tennessee Valley Authority	1379	2	Averaging Plan	0.46	0.37			0.58	0.53	0.71	-48%
KY	Shawnee	Tennessee Valley Authority	1379	3	Averaging Plan	0.46	0.37			0.58	0.53	0.71	-48%
KY	Shawnee	Tennessee Valley Authority	1379	4	Averaging Plan	0.46	0.37			0.58	0.53	0.71	-48%
KY	Shawnee	Tennessee Valley Authority	1379	5	Averaging Plan	0.46	0.37			0.58	0.53	0.71	-48%
KY	Shawnee	Tennessee Valley Authority	1379	6	Averaging Plan	0.46	0.37			0.58	0.53	0.67	-45%
KY	Shawnee	Tennessee Valley Authority	1379	7	Averaging Plan	0.46	0.37			0.58	0.53	0.67	-45%
KY	Shawnee	Tennessee Valley Authority	1379	8	Averaging Plan	0.46	0.37			0.58	0.53	0.67	-45%
KY	Shawnee	Tennessee Valley Authority	1379	9	Averaging Plan	0.46	0.37			0.58	0.53	0.67	-45%
KY	Trimble County	Louisville Gas and Electric Company	6071	1	Early Election	0.40	0.38	0.45				0.62	-39%
KY	Tyrone	Kentucky Utilities Company	1361	5	Averaging Plan	0.46	0.59			0.45	0.36	0.90	-34%

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LA	Big Cajun 2	Louisiana Generating, LLC	6055	2B1	Early Election	0.46	0.29	0.50				0.28	4%
LA	Big Cajun 2	Louisiana Generating, LLC	6055	2B2	Early Election	0.46	0.35	0.50				0.25	40%
LA	Big Cajun 2	Louisiana Generating, LLC	6055	2B3	Early Election	0.46	0.28	0.50				0.24	17%
LA	Dolet Hills	CLECO Corporation	51	1	Early Election	0.46	0.43	0.50				0.62	-31%
LA	R S Nelson	Entergy Gulf States, Inc	1393	6	Early Election	0.40	0.32	0.45				0.20	60%
LA	Rodemacher	CLECO Corporation	6190	2	Early Election	0.46	0.29	0.50				0.38	-24%
MA	Brayton Point	USGen New England, Inc	1619	1	Standard Limitation	0.40	0.29					0.70	-59%
MA	Brayton Point	USGen New England, Inc	1619	2	Standard Limitation	0.40	0.28					0.70	-60%
MA	Brayton Point	USGen New England, Inc	1619	3	Standard Limitation	0.46	0.40					1.43	-72%
MA	Mount Tom	Holyoke Water Power Company	1606	1	Standard Limitation	0.46	0.39					1.00	-61%
MA	Salem Harbor	USGen New England, Inc	1626	1	Standard Limitation	0.46	0.30					1.10	-73%
MA	Salem Harbor	USGen New England, Inc	1626	2	Standard Limitation	0.46	0.30					1.10	-73%
MA	Salem Harbor	USGen New England, Inc	1626	3	Standard Limitation	0.46	0.30					1.10	-73%
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	0.33					0.67	-51%
MD	Brandon Shores	Constellation Power Source, Inc	602	1	Averaging Plan	0.46	0.30			0.56	0.46	0.47	-36%
MD	Brandon Shores	Constellation Power Source, Inc	602	2	Averaging Plan	0.46	0.33			0.56	0.46	0.45	-27%
MD	C P Crane	Constellation Power Source, Inc	1552	1	Averaging Plan	0.86	1.08			0.56	0.46	1.27	-15%
MD	C P Crane	Constellation Power Source, Inc	1552	2	Averaging Plan	0.86	0.99			0.56	0.46	1.46	-32%
MD	Chalk Point	Mirant Mid Atlantic	1571	1	AEL	0.50	0.63		0.86			1.35	-53%
MD	Chalk Point	Mirant Mid Atlantic	1571	2	AEL	0.50	0.55		1.20			1.35	-59%
MD	Dickerson	Mirant Mid Atlantic	1572	1	AEL	0.40	0.47		0.48			0.65	-28%
MD	Dickerson	Mirant Mid Atlantic	1572	2	AEL	0.40	0.48		0.51			0.65	-26%
MD	Dickerson	Mirant Mid Atlantic	1572	3	AEL	0.40	0.45		0.47			0.65	-31%
MD	Herbert A Wagner	Constellation Power Source, Inc	1554	2	Averaging Plan	0.46	0.53			0.56	0.46	0.83	-36%
MD	Herbert A Wagner	Constellation Power Source, Inc	1554	3	Averaging Plan	0.68	0.34			0.56	0.46	1.11	-69%
MD	Morgantown	Mirant Mid Atlantic	1573	1	AEL	0.45	0.46		0.70			0.95	-52%
MD	Morgantown	Mirant Mid Atlantic	1573	2	AEL	0.45	0.48		0.70			0.95	-49%
MD	R P Smith	Allegheny Energy Supply Co, LLC	1570	9	Averaging Plan	0.50	0.56			0.56	0.44	0.87	-36%

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MD	R P Smith	Allegheny Energy Supply Co, LLC	1570	11	Averaging Plan	0.45	0.41			0.56	0.44	0.78	-47%
MI	B C Cobb	Consumers Energy Company	1695	1	Averaging Plan	0.40	0.08			0.47	0.33	1.10	-93%
MI	B C Cobb	Consumers Energy Company	1695	2	Averaging Plan	0.40	0.10			0.47	0.33	1.10	-91%
MI	B C Cobb	Consumers Energy Company	1695	3	Averaging Plan	0.40	0.10			0.47	0.33	1.10	-91%
MI	B C Cobb	Consumers Energy Company	1695	4	Averaging Plan/EE	0.40	0.36	0.45		0.47	0.33	0.38	-5%
MI	B C Cobb	Consumers Energy Company	1695	5	Averaging Plan/EE	0.40	0.18	0.45		0.47	0.33	0.36	-50%
MI	Belle River	Detroit Edison Company	6034	1	Averaging Plan	0.46	0.27			0.54	0.41	0.26	4%
MI	Belle River	Detroit Edison Company	6034	2	Averaging Plan	0.46	0.27			0.54	0.41	0.16	69%
MI	Dan E Karn	Consumers Energy Company	1702	1	Averaging Plan	0.40	0.42			0.47	0.33	0.64	-34%
MI	Dan E Karn	Consumers Energy Company	1702	2	Averaging Plan	0.46	0.32			0.47	0.33	0.91	-65%
MI	Eckert Station	Lansing Board of Water & Light	1831	1	Averaging Plan	0.46	0.44			0.45	0.35	0.77	-43%
MI	Eckert Station	Lansing Board of Water & Light	1831	2	Averaging Plan	0.40	0.41			0.45	0.35	0.57	-28%
MI	Eckert Station	Lansing Board of Water & Light	1831	3	Averaging Plan	0.40	0.43			0.45	0.35	0.44	-2%
MI	Eckert Station	Lansing Board of Water & Light	1831	4	Averaging Plan	0.46	0.29			0.45	0.35	0.62	-53%
MI	Eckert Station	Lansing Board of Water & Light	1831	5	Averaging Plan	0.46	0.23			0.45	0.35	0.63	-63%
MI	Eckert Station	Lansing Board of Water & Light	1831	6	Averaging Plan	0.46	0.36			0.45	0.35	0.70	-49%
MI	Endicott Generating	Michigan South Central Power Agency	4259	1	Standard Limitation	0.46	0.34					0.58	-41%
MI	Erickson	Lansing Board of Water & Light	1832	1	Averaging Plan	0.46	0.40			0.45	0.35	0.93	-57%
MI	Harbor Beach	Detroit Edison Company	1731	1	Averaging Plan	0.46	0.84			0.54	0.41	0.90	-7%
MI	J B Sims	City of Grand Haven	1825	3	Early Election	0.46	0.39	0.50				0.51	-24%
MI	J C Weadock	Consumers Energy Company	1720	7	Averaging Plan/EE	0.40	0.31	0.45		0.47	0.33	0.44	-30%
MI	J C Weadock	Consumers Energy Company	1720	8	Averaging Plan/EE	0.40	0.30	0.45		0.47	0.33	0.44	-32%
MI	J H Campbell	Consumers Energy Company	1710	1	Averaging Plan/AEL	0.45	0.26		0.55	0.47	0.33	0.69	-62%
MI	J H Campbell	Consumers Energy Company	1710	2	Averaging Plan	0.68	0.33			0.47	0.33	1.00	-67%
MI	J H Campbell	Consumers Energy Company	1710	3	Averaging Plan	0.46	0.36			0.47	0.33	0.69	-48%
MI	J R Whiting	Consumers Energy Company	1723	1	Averaging Plan/EE	0.46	0.25	0.50		0.47	0.33	0.82	-70%
MI	J R Whiting	Consumers Energy Company	1723	2	Averaging Plan	0.46	0.31			0.47	0.33	0.96	-68%
MI	J R Whiting	Consumers Energy Company	1723	3	Averaging Plan/EE	0.46	0.32	0.50		0.47	0.33	1.04	-69%
MI	James De Young	City of Holland	1830	5	Standard Limitation	0.46	0.43					0.99	-57%

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MI	Marysville	Detroit Edison Company	1732	9	Averaging Plan	0.40	0.42			0.54	0.41	Not Oper.	
MI	Marysville	Detroit Edison Company	1732	10	Averaging Plan	0.40	0.42			0.54	0.41	Not Oper.	
MI	Marysville	Detroit Edison Company	1732	11	Averaging Plan	0.40	0.44			0.54	0.41	Not Oper.	
MI	Marysville	Detroit Edison Company	1732	12	Averaging Plan	0.40	0.44			0.54	0.41	Not Oper.	
MI	Monroe	Detroit Edison Company	1733	1	Averaging Plan	0.68	0.51			0.54	0.41	0.86	-41%
MI	Monroe	Detroit Edison Company	1733	2	Averaging Plan	0.68	0.51			0.54	0.41	0.86	-41%
MI	Monroe	Detroit Edison Company	1733	3	Averaging Plan	0.68	0.54			0.54	0.41	0.78	-31%
MI	Monroe	Detroit Edison Company	1733	4	Averaging Plan	0.68	0.54			0.54	0.41	0.78	-31%
MI	Presque Isle	Wisconsin Electric Power Company	1769	2	Averaging Plan	0.40	0.61			0.47	0.42	0.75	-19%
MI	Presque Isle	Wisconsin Electric Power Company	1769	3	Averaging Plan	0.40	0.61			0.47	0.42	0.75	-19%
MI	Presque Isle	Wisconsin Electric Power Company	1769	4	Averaging Plan	0.40	0.61			0.47	0.42	0.75	-19%
MI	Presque Isle	Wisconsin Electric Power Company	1769	5	Averaging Plan	0.46	0.79			0.47	0.42	0.91	-13%
MI	Presque Isle	Wisconsin Electric Power Company	1769	6	Averaging Plan	0.46	0.87			0.47	0.42	0.88	-1%
MI	Presque Isle	Wisconsin Electric Power Company	1769	7	Early Election	0.46	0.49	0.50				0.49	0%
MI	Presque Isle	Wisconsin Electric Power Company	1769	8	Early Election	0.46	0.49	0.50				0.53	-8%
MI	Presque Isle	Wisconsin Electric Power Company	1769	9	Early Election	0.46	0.48	0.50				0.66	-27%
MI	River Rouge	Detroit Edison Company	1740	2	Averaging Plan	0.40	0.35			0.54	0.41	0.44	-20%
MI	River Rouge	Detroit Edison Company	1740	3	Averaging Plan	0.46	0.38			0.54	0.41	0.83	-54%
MI	Shiras	Marquette Board of Light and Power	1843	3	Standard Limitation	0.40	0.16					0.22	-27%
MI	St. Clair	Detroit Edison Company	1743	1	Averaging Plan	0.46	0.64			0.54	0.41	0.54	19%
MI	St. Clair	Detroit Edison Company	1743	2	Averaging Plan	0.46	0.30			0.54	0.41	0.58	-48%
MI	St. Clair	Detroit Edison Company	1743	3	Averaging Plan	0.46	0.61			0.54	0.41	0.63	-3%
MI	St. Clair	Detroit Edison Company	1743	4	Averaging Plan	0.46	0.68			0.54	0.41	0.57	19%
MI	St. Clair	Detroit Edison Company	1743	6	Averaging Plan	0.40	0.16			0.54	0.41	0.39	-59%
MI	St. Clair	Detroit Edison Company	1743	7	Averaging Plan	0.40	0.23			0.54	0.41	0.31	-26%
MI	Trenton Channel	Detroit Edison Company	1745	16	Averaging Plan	0.40	0.40			0.54	0.41	0.47	-15%
MI	Trenton Channel	Detroit Edison Company	1745	17	Averaging Plan	0.40	0.40			0.54	0.41	0.47	-15%
MI	Trenton Channel	Detroit Edison Company	1745	18	Averaging Plan	0.40	0.40			0.54	0.41	0.47	-15%
MI	Trenton Channel	Detroit Edison Company	1745	19	Averaging Plan	0.40	0.40			0.54	0.41	0.47	-15%

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MI	Trenton Channel	Detroit Edison Company	1745	9A	Averaging Plan	0.40	0.22			0.54	0.41	0.33	-33%
MI	Wyandotte	City of Wyandotte	1866	7	Standard Limitation	0.46	0.51					0.69	-26%
MN	Allen S King	NSP (Xcel Energy)	1915	1	Averaging Plan	0.86	0.71			0.54	0.46	1.22	-42%
MN	Black Dog	NSP (Xcel Energy)	1904	1	Averaging Plan	0.40	Not Oper.			0.54	0.46	0.75	
MN	Black Dog	NSP (Xcel Energy)	1904	3	Averaging Plan	0.46	0.71			0.54	0.46	0.95	-25%
MN	Black Dog	NSP (Xcel Energy)	1904	4	Averaging Plan	0.46	0.71			0.54	0.46	0.95	-25%
MN	Clay Boswell	Minnesota Power and Light Company	1893	1	Averaging Plan	0.46	0.48			0.41	0.36	0.42	14%
MN	Clay Boswell	Minnesota Power and Light Company	1893	2	Averaging Plan	0.46	0.48			0.41	0.36	0.42	14%
MN	Clay Boswell	Minnesota Power and Light Company	1893	3	Early Election	0.40	0.38	0.45				0.42	-10%
MN	Clay Boswell	Minnesota Power and Light Company	1893	4	Averaging Plan	0.40	0.31			0.41	0.36	0.38	-18%
MN	High Bridge	NSP (Xcel Energy)	1912	3	Averaging Plan	0.50	0.57			0.54	0.46	0.48	19%
MN	High Bridge	NSP (Xcel Energy)	1912	4	Averaging Plan	0.50	0.57			0.54	0.46	0.48	19%
MN	High Bridge	NSP (Xcel Energy)	1912	5	Averaging Plan	0.50	0.57			0.54	0.46	0.48	19%
MN	High Bridge	NSP (Xcel Energy)	1912	6	Averaging Plan	0.50	0.57			0.54	0.46	0.48	19%
MN	Hoot Lake	Otter Tail Power Company	1943	2	Early Election	0.40	0.42	0.45				0.58	-28%
MN	Hoot Lake	Otter Tail Power Company	1943	3	Standard Limitation	0.46	0.28					0.67	-58%
MN	Minnesota Valley	NSP (Xcel Energy)	1918	4	Averaging Plan	0.46	0.42			0.54	0.46	0.52	-19%
MN	Northeast Station	City of Austin Utilities	1961	NEPP	Standard Limitation	0.46	0.43					0.78	-45%
MN	Riverside (1927)	NSP (Xcel Energy)	1927	6	Averaging Plan	0.46	0.83			0.54	0.46	Not Oper.	
MN	Riverside (1927)	NSP (Xcel Energy)	1927	7	Averaging Plan	0.46	0.83			0.54	0.46	0.70	19%
MN	Riverside (1927)	NSP (Xcel Energy)	1927	8	Averaging Plan	0.86	1.01			0.54	0.46	0.98	3%
MN	Sherburne County	NSP (Xcel Energy)	6090	1	Averaging Plan	0.45	0.27			0.54	0.46	0.45	-40%
MN	Sherburne County	NSP (Xcel Energy)	6090	2	Averaging Plan	0.45	0.27			0.54	0.46	0.45	-40%
MN	Sherburne County	NSP (Xcel Energy)	6090	3	Averaging Plan	0.46	0.34			0.54	0.46	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 Company	1891	1	Averaging Plan	0.40	0.46			0.41	0.36	0.64	-28%
MN	Syl Laskin	Minnesota Power and Light Company	1891	2	Averaging Plan	0.40	0.46			0.41	0.36	0.64	-28%
MO	Asbury	Empire District Electric Company	2076	1	Standard Limitation	0.86	0.84					1.09	-23%
MO	Blue Valley	City of Independence	2132	3	Standard Limitation	0.40	0.30					0.79	-62%

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MO	Hawthorn	Kansas City Power & Light Company	2079	5	Standard Limitation	0.45	Not Oper.					0.36	
MO	Iatan	Kansas City Power & Light Company	6065	1	Standard Limitation	0.50	0.26					0.31	-16%
MO	James River	City of Springfield, MO	2161	3	Averaging Plan	0.50	0.56			0.50	0.40	1.02	-45%
MO	James River	City of Springfield, MO	2161	4	Averaging Plan	0.50	0.50			0.50	0.40	0.87	-43%
MO	James River	City of Springfield, MO	2161	5	Averaging Plan	0.50	0.50			0.50	0.40	0.93	-46%
MO	Labadie	Union Electric Company	2103	1	Averaging Plan	0.45	0.10			0.52	0.23	0.62	-84%
MO	Labadie	Union Electric Company	2103	2	Averaging Plan	0.45	0.11			0.52	0.23	0.62	-82%
MO	Labadie	Union Electric Company	2103	3	Averaging Plan	0.45	0.11			0.52	0.23	0.62	-82%
MO	Labadie	Union Electric Company	2103	4	Averaging Plan	0.45	0.11			0.52	0.23	0.62	-82%
MO	Meramec	Union Electric Company	2104	1	Averaging Plan	0.45	0.45			0.52	0.23	0.82	-45%
MO	Meramec	Union Electric Company	2104	2	Averaging Plan	0.45	0.44			0.52	0.23	0.63	-30%
MO	Meramec	Union Electric Company	2104	3	Averaging Plan	0.50	0.58			0.52	0.23	0.96	-40%
MO	Meramec	Union Electric Company	2104	4	Averaging Plan	0.50	0.33			0.52	0.23	1.17	-72%
MO	Montrose	Kansas City Power & Light Company	2080	1	Standard Limitation	0.45	0.31					0.32	-3%
MO	Montrose	Kansas City Power & Light Company	2080	2	Standard Limitation	0.45	0.35					0.34	3%
MO	Montrose	Kansas City Power & Light Company	2080	3	Standard Limitation	0.45	0.35					0.34	3%
MO	New Madrid	Associated Electric Cooperative	2167	1	Averaging Plan	0.86	1.29			0.74	0.70	1.47	-12%
MO	New Madrid	Associated Electric Cooperative	2167	2	Averaging Plan	0.86	0.74			0.74	0.70	1.32	-44%
MO	Rush Island	Union Electric Company	6155	1	Averaging Plan	0.45	0.13			0.52	0.23	0.63	-79%
MO	Rush Island	Union Electric Company	6155	2	Averaging Plan	0.45	0.12			0.52	0.23	0.63	-81%
MO	Sibley	Utilicorp United, Inc	2094	3	Standard Limitation	0.86	0.67					1.37	-51%
MO	Sikeston	Sikeston Bd. of Municipal Utilities	6768	1	Early Election	0.46	0.22	0.50				0.51	-57%
MO	Sioux	Union Electric Company	2107	1	Averaging Plan	0.86	0.67			0.52	0.23	1.07	-37%
MO	Sioux	Union Electric Company	2107	2	Averaging Plan	0.86	0.49			0.52	0.23	1.21	-60%
MO	Southwest	City of Springfield, MO	6195	1	Averaging Plan	0.50	0.30			0.50	0.40	0.47	-36%
MO	Thomas Hill	Associated Electric Cooperative	2168	MB1	Averaging Plan	0.86	0.96			0.74	0.70	0.90	7%
MO	Thomas Hill	Associated Electric Cooperative	2168	MB2	Averaging Plan	0.86	0.52			0.74	0.70	0.90	-42%
MO	Thomas Hill	Associated Electric Cooperative	2168	MB3	Averaging Plan	0.50	0.34			0.74	0.70	0.31	10%
MS	Daniel Electric Generating Plant	Mississippi Power Company	6073	1	Averaging Plan	0.45	0.31			0.46	0.42	0.27	15%

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MS	Daniel Electric Generating Plant	Mississippi Power Company	6073	2	Averaging Plan	0.45	0.32			0.46	0.42	0.28	14%
MS	R D Morrow	South Mississippi Elec Power Assn	6061	1	Averaging Plan	0.50	0.46			0.50	0.47	0.42	10%
MS	R D Morrow	South Mississippi Elec Power Assn	6061	2	Averaging Plan	0.50	0.48			0.50	0.47	0.43	12%
MS	Watson Electric Generating Plant	Mississippi Power Company	2049	4	Averaging Plan	0.50	0.45			0.46	0.42	1.10	-59%
MS	Watson Electric Generating Plant	Mississippi Power Company	2049	5	Averaging Plan	0.50	0.57			0.46	0.42	1.22	-53%
MT	Colstrip	P P & L Montana, LLC	6076	1	Early Election	0.40	0.40	0.45				0.42	-5%
MT	Colstrip	P P & L Montana, LLC	6076	2	Early Election	0.40	0.43	0.45				0.43	0%
MT	Colstrip	P P & L Montana, LLC	6076	3	Early Election	0.40	0.40	0.45				0.34	18%
MT	Colstrip	P P & L Montana, LLC	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 Company	6089	B1	Early Election	0.40	0.37	0.45				0.57	-35%
NC	Asheville	Carolina Power & Light Company	2706	1	Averaging Plan	0.46	0.44			0.45	0.40	1.08	-59%
NC	Asheville	Carolina Power & Light Company	2706	2	Averaging Plan	0.46	0.34			0.45	0.40	0.86	-60%
NC	Belews Creek	Duke Energy Corporation	8042	1	Standard Limitation	0.68	0.46					1.46	-68%
NC	Belews Creek	Duke Energy Corporation	8042	2	Standard Limitation	0.68	0.57					1.36	-58%
NC	Buck	Duke Energy Corporation	2720	5	Early Election	0.40	0.40	0.45				0.59	-32%
NC	Buck	Duke Energy Corporation	2720	6	Early Election	0.40	0.40	0.45				0.54	-26%
NC	Buck	Duke Energy Corporation	2720	7	Early Election	0.40	0.43	0.45				0.57	-25%
NC	Buck	Duke Energy Corporation	2720	8	Early Election	0.40	0.44	0.45				0.45	-2%
NC	Buck	Duke Energy Corporation	2720	9	Early Election	0.40	0.44	0.45				0.51	-14%
NC	Cape Fear	Carolina Power & Light Company	2708	5	Averaging Plan	0.40	0.34			0.45	0.40	0.47	-28%
NC	Cape Fear	Carolina Power & Light Company	2708	6	Averaging Plan	0.40	0.48			0.45	0.40	0.66	-27%
NC	Cliffside	Duke Energy Corporation	2721	1	Early Election	0.40	0.37	0.45				Not Oper.	
NC	Cliffside	Duke Energy Corporation	2721	2	Early Election	0.40	0.39	0.45				Not Oper.	
NC	Cliffside	Duke Energy Corporation	2721	3	Early Election	0.40	0.41	0.45				Not Oper.	
NC	Cliffside	Duke Energy Corporation	2721	4	Early Election	0.40	0.37	0.45				Not Oper.	
NC	Cliffside	Duke Energy Corporation	2721	5	Early Election	0.40	0.44	0.45				0.51	-14%
NC	Dan River	Duke Energy Corporation	2723	1	Early Election	0.40	0.41	0.45				0.52	-21%
NC	Dan River	Duke Energy Corporation	2723	2	Early Election	0.40	0.44	0.45				0.55	-20%

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NC	Dan River	Duke Energy Corporation	2723	3	Early Election	0.40	0.45	0.45				0.56	-20%
NC	G G Allen	Duke Energy Corporation	2718	1	Early Election	0.40	0.30	0.45				0.65	-54%
NC	G G Allen	Duke Energy Corporation	2718	2	Early Election	0.40	0.44	0.45				0.61	-28%
NC	G G Allen	Duke Energy Corporation	2718	3	Early Election	0.40	0.44	0.45				0.64	-31%
NC	G G Allen	Duke Energy Corporation	2718	4	Early Election	0.40	0.31	0.45				0.68	-54%
NC	G G Allen	Duke Energy Corporation	2718	5	Early Election	0.40	0.44	0.45				0.68	-35%
NC	L V Sutton	Carolina Power & Light Company	2713	1	Averaging Plan	0.40	0.59			0.45	0.40	0.63	-6%
NC	L V Sutton	Carolina Power & Light Company	2713	2	Averaging Plan	0.46	0.59			0.45	0.40	0.63	-6%
NC	L V Sutton	Carolina Power & Light Company	2713	3	Averaging Plan	0.46	0.52			0.45	0.40	1.19	-56%
NC	Lee	Carolina Power & Light Company	2709	1	Averaging Plan	0.40	0.52			0.45	0.40	0.82	-37%
NC	Lee	Carolina Power & Light Company	2709	2	Averaging Plan	0.46	0.71			0.45	0.40	0.73	-3%
NC	Lee	Carolina Power & Light Company	2709	3	Averaging Plan	0.46	0.37			0.45	0.40	0.90	-59%
NC	Marshall	Duke Energy Corporation	2727	1	Early Election	0.40	0.44	0.45				0.48	-8%
NC	Marshall	Duke Energy Corporation	2727	2	Early Election	0.40	0.43	0.45				0.61	-30%
NC	Marshall	Duke Energy Corporation	2727	3	Early Election	0.40	0.30	0.45				0.52	-42%
NC	Marshall	Duke Energy Corporation	2727	4	Early Election	0.40	0.28	0.45				0.70	-60%
NC	Mayo	Carolina Power & Light Company	6250	1A	Averaging Plan	0.46	0.36			0.45	0.40	0.64	-44%
NC	Mayo	Carolina Power & Light Company	6250	1B	Averaging Plan	0.46	0.36			0.45	0.40	Not Oper.	
NC	Riverbend	Duke Energy Corporation	2732	7	Early Election	0.40	0.44	0.45				0.58	-24%
NC	Riverbend	Duke Energy Corporation	2732	8	Early Election	0.40	0.41	0.45				0.58	-29%
NC	Riverbend	Duke Energy Corporation	2732	9	Early Election	0.40	0.43	0.45				0.58	-26%
NC	Riverbend	Duke Energy Corporation	2732	10	Early Election	0.40	0.42	0.45				0.70	-40%
NC	Roxboro	Carolina Power & Light Company	2712	1	Averaging Plan	0.46	0.41			0.45	0.40	1.30	-68%
NC	Roxboro	Carolina Power & Light Company	2712	2	Averaging Plan	0.40	0.30			0.45	0.40	0.76	-61%
NC	Roxboro	Carolina Power & Light Company	2712	3A	Averaging Plan	0.46	0.40			0.45	0.40	1.31	-69%
NC	Roxboro	Carolina Power & Light Company	2712	3B	Averaging Plan	0.46	0.40			0.45	0.40	Not Oper.	
NC	Roxboro	Carolina Power & Light Company	2712	4A	Averaging Plan	0.46	0.30			0.45	0.40	0.57	-47%
NC	Roxboro	Carolina Power & Light Company	2712	4B	Averaging Plan	0.46	0.30			0.45	0.40	Not Oper.	
NC	W H Weatherspoon	Carolina Power & Light Company	2716	1	Averaging Plan	0.46	0.70			0.45	0.40	0.73	-4%

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NC	W H Weatherspoon	Carolina Power & Light Company	2716	2	Averaging Plan	0.46	0.70			0.45	0.40	0.73	-4%
NC	W H Weatherspoon	Carolina Power & Light Company	2716	3	Averaging Plan	0.40	0.45			0.45	0.40	0.72	-38%
ND	Antelope Valley	Basin Electric Power Cooperative	6469	B1	Early Election	0.40	0.37	0.45				0.43	-14%
ND	Antelope Valley	Basin Electric Power Cooperative	6469	B2	Early Election	0.40	0.31	0.45				0.27	15%
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	0.23					0.82	-72%
ND	Coyote	Otter Tail Power Company	8222	B1	Standard Limitation	0.86	0.77					0.81	-5%
ND	Leland Olds	Basin Electric Power Cooperative	2817	1	Early Election	0.46	0.26	0.50				0.74	-65%
ND	Leland Olds	Basin Electric Power Cooperative	2817	2	Standard Limitation	0.86	0.66					1.03	-36%
ND	Milton R Young	Minnkota Power Cooperative, Inc	2823	B1	Standard Limitation	0.86	0.78					0.81	-4%
ND	Milton R Young	Minnkota Power Cooperative, Inc	2823	B2	Standard Limitation	0.86	0.83					1.05	-21%
ND	Stanton	Great River Energy	2824	1	Standard Limitation	0.46	0.42					0.84	-50%
ND	Stanton	Great River Energy	2824	10	Early Election	0.40	0.36	0.45				0.47	-23%
NE	Gerald Gentleman Station	Nebraska Public Power District	6077	1	Early Election	0.46	0.47	0.50				0.40	18%
NE	Gerald Gentleman Station	Nebraska Public Power District	6077	2	Early Election	0.46	0.31	0.50				0.35	-11%
NE	Gerald Whelan Energy Center	Nebraska Municipal Energy Agency	60	1	Early Election	0.40	0.30	0.45				0.30	0%
NE	Lon D Wright Power Plant	Freemont Department of Utilities	2240	8	Standard Limitation	0.46	0.19					0.19	0%
NE	Nebraska City	Omaha Public Power District	6096	1	Early Election	0.46	0.39	0.50				0.48	-19%
NE	North Omaha	Omaha Public Power District	2291	1	Standard Limitation	0.40	0.31					0.41	-24%
NE	North Omaha	Omaha Public Power District	2291	2	Standard Limitation	0.40	0.31					0.41	-24%
NE	North Omaha	Omaha Public Power District	2291	3	Standard Limitation	0.40	0.31					0.41	-24%
NE	North Omaha	Omaha Public Power District	2291	4	Early Election	0.40	0.31	0.45				0.38	-18%
NE	North Omaha	Omaha Public Power District	2291	5	Standard Limitation	0.46	0.33					0.95	-65%
NE	Platte	City of Grand Island	59	1	Early Election	0.40	0.37	0.45				0.48	-23%
NH	Merrimack	Public Service of New Hampshire	2364	2	Standard Limitation	0.86	0.30					1.96	-85%
NH	Schiller	Public Service of New Hampshire	2367	4	Standard Limitation	0.46	0.37					1.00	-63%
NH	Schiller	Public Service of New Hampshire	2367	5	Standard Limitation	0.46	0.33					1.26	-74%
NH	Schiller	Public Service of New Hampshire	2367	6	Standard Limitation	0.46	0.32					1.07	-70%
NJ	B L England	Atlantic City Electric Company	2378	2	Standard Limitation	0.86	0.50					1.19	-58%

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NJ	Deepwater	Atlantic City Electric Company	2384	8	Standard Limitation	0.46	0.37					0.71	-48%
NJ	Hudson	PSEG Power, LLC	2403	2	Averaging Plan	0.46	0.47			0.64	0.61	1.34	-65%
NJ	Mercer	PSEG Power, LLC	2408	1	Averaging Plan	0.84	0.71			0.64	0.61	1.35	-47%
NJ	Mercer	PSEG Power, LLC	2408	2	Averaging Plan	0.84	0.83			0.64	0.61	1.90	-56%
NM	Four Corners	Arizona Public Service Company	2442	1	Averaging Plan	0.46	0.78			0.61	0.55	0.82	-5%
NM	Four Corners	Arizona Public Service Company	2442	2	Averaging Plan	0.46	0.58			0.61	0.55	0.78	-26%
NM	Four Corners	Arizona Public Service Company	2442	3	Averaging Plan	0.46	0.58			0.61	0.55	1.00	-42%
NM	Four Corners	Arizona Public Service Company	2442	4	Averaging Plan	0.68	0.54			0.61	0.55	0.51	6%
NM	Four Corners	Arizona Public Service Company	2442	5	Averaging Plan	0.68	0.49			0.61	0.55	1.10	-55%
NM	Prewitt Escalante Generating Statio	Tri-State Generation & Transmission	87	1	Early Election	0.40	0.38	0.45				0.35	9%
NM	San Juan	Public Service Co. of New Mexico	2451	1	Averaging Plan	0.46	0.43			0.46	0.41	0.42	2%
NM	San Juan	Public Service Co. of New Mexico	2451	2	Averaging Plan	0.46	0.41			0.46	0.41	0.65	-37%
NM	San Juan	Public Service Co. of New Mexico	2451	3	Averaging Plan	0.46	0.40			0.46	0.41	0.39	3%
NM	San Juan	Public Service Co. of New Mexico	2451	4	Averaging Plan	0.46	0.42			0.46	0.41	0.42	0%
NV	Mohave	Southern California Edison Company	2341	1	Early Election	0.40	0.41	0.45				0.38	8%
NV	Mohave	Southern California Edison Company	2341	2	Early Election	0.40	0.36	0.45				0.46	-22%
NV	North Valmy	Idaho Power Company	8224	1	Early Election	0.46	0.34	0.50				0.51	-33%
NV	North Valmy	Idaho Power Company	8224	2	Early Election	0.46	0.40	0.50				0.40	0%
NV	Reid Gardner	Nevada Power Company	2324	1	Standard Limitation	0.46	0.42					1.12	-63%
NV	Reid Gardner	Nevada Power Company	2324	2	Standard Limitation	0.46	0.43					1.13	-62%
NV	Reid Gardner	Nevada Power Company	2324	3	Standard Limitation	0.46	0.44					0.53	-17%
NV	Reid Gardner	Nevada Power Company	2324	4	Early Election	0.46	0.30	0.50				0.38	-21%
NY	AES Cayuga (Milliken)	NGE Generation, Inc	2535	1	Averaging Plan	0.45	0.31			0.45	0.34	0.66	-53%
NY	AES Cayuga (Milliken)	NGE Generation, Inc	2535	2	Averaging Plan	0.45	0.31			0.45	0.34	0.59	-47%
NY	AES Greenidge	AES Greenidge, LLC	2527	4	Averaging Plan	0.46	0.66			0.45	0.34	0.69	-4%
NY	AES Greenidge	AES Greenidge, LLC	2527	5	Averaging Plan	0.46	0.66			0.45	0.34	0.69	-4%
NY	AES Greenidge	AES Greenidge, LLC	2527	6	Averaging Plan	0.45	0.39			0.45	0.34	0.55	-29%
NY	AES Somerset (Kintigh)	AES Somerset, LLC	6082	1	Averaging Plan/EE	0.46	0.30	0.50		0.45	0.34	0.62	-52%
NY	AES Westover (Goudey)	NGE Generation, Inc	2526	11	Averaging Plan	0.46	0.49			0.45	0.34	0.62	-21%

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NY	AES Westover (Goudey)	NGE Generation, Inc	2526	12	Averaging Plan	0.46	0.49			0.45	0.34	0.62	-21%
NY	AES Westover (Goudey)	NGE Generation, Inc	2526	13	Averaging Plan	0.40	0.49			0.45	0.34	0.68	-28%
NY	Dunkirk	Dunkirk Power Operations, Inc	2554	1	Early Election	0.40	0.35	0.45				0.48	-27%
NY	Dunkirk	Dunkirk Power Operations, Inc	2554	2	Early Election	0.40	0.33	0.45				0.48	-31%
NY	Dunkirk	Dunkirk Power Operations, Inc	2554	3	Standard Limitation	0.45	0.32					0.48	-33%
NY	Dunkirk	Dunkirk Power Operations, Inc	2554	4	Standard Limitation	0.45	0.32					0.48	-33%
NY	Dynegy Danskammer	Dynegy Danskammer, LLC	2480	3	Averaging Plan	0.40	0.42			0.40	0.39	0.54	-22%
NY	Dynegy Danskammer	Dynegy Danskammer, LLC	2480	4	Averaging Plan	0.40	0.37			0.40	0.39	0.62	-40%
NY	Huntley Power	Huntley Power Operations, Inc	2549	63	Standard Limitation	0.84	0.71					0.91	-22%
NY	Huntley Power	Huntley Power Operations, Inc	2549	64	Standard Limitation	0.84	0.71					0.91	-22%
NY	Huntley Power	Huntley Power Operations, Inc	2549	65	Standard Limitation	0.84	0.71					0.91	-22%
NY	Huntley Power	Huntley Power Operations, Inc	2549	66	Standard Limitation	0.84	0.71					0.91	-22%
NY	Huntley Power	Huntley Power Operations, Inc	2549	67	Early Election	0.40	0.33	0.45				0.64	-48%
NY	Huntley Power	Huntley Power Operations, Inc	2549	68	Early Election	0.40	0.33	0.45				0.64	-48%
NY	Lovett	Mirant Lovett, LLC	2629	4	Standard Limitation	0.46	0.35					0.57	-39%
NY	Lovett	Mirant Lovett, LLC	2629	5	Standard Limitation	0.46	0.35					0.59	-41%
NY	Rochester 3 - Beebee Station	Rochester Gas & Electric Corp	2640	12	Standard Limitation	0.40	Not Oper.					0.77	
NY	Rochester 7 - Russell Station	Rochester Gas & Electric Corp	2642	1	Averaging Plan	0.40	0.43			0.40	0.37	0.62	-31%
NY	Rochester 7 - Russell Station	Rochester Gas & Electric Corp	2642	2	Averaging Plan	0.40	0.43			0.40	0.37	0.65	-34%
NY	Rochester 7 - Russell Station	Rochester Gas & Electric Corp	2642	3	Averaging Plan	0.40	0.33			0.40	0.37	0.44	-25%
NY	Rochester 7 - Russell Station	Rochester Gas & Electric Corp	2642	4	Averaging Plan	0.40	0.33			0.40	0.37	0.59	-44%
NY	S A Carlson	Jamestown Board of Public Utilities	2682	9	Early Election	0.46	0.41	0.50				0.90	-54%
NY	S A Carlson	Jamestown Board of Public Utilities	2682	10	Early Election	0.46	0.42	0.50				0.90	-53%
NY	S A Carlson	Jamestown Board of Public Utilities	2682	11	Early Election	0.46	0.42	0.50				1.05	-60%
NY	S A Carlson	Jamestown Board of Public Utilities	2682	12	Early Election	0.46	0.41	0.50				0.83	-51%
OH	Acme	Toledo Edison Company	2877	14	Standard Limitation	0.80	Not Oper.					1.34	
OH	Acme	Toledo Edison Company	2877	15	Standard Limitation	0.80	Not Oper.					1.34	
OH	Acme	Toledo Edison Company	2877	16	Standard Limitation	0.80	Not Oper.					1.34	
OH	Acme	Toledo Edison Company	2877	91	Standard Limitation	0.80	Not Oper.					1.34	

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OH	Acme	Toledo Edison Company	2877	92	Standard Limitation	0.80	Not Oper.					1.34	
OH	Ashtabula	Cleveland Electric Illuminating	2835	7	Averaging Plan	0.45	0.36			0.52	0.45	0.61	-41%
OH	Ashtabula	Cleveland Electric Illuminating	2835	8	Averaging Plan	0.46	0.57			0.52	0.45	0.51	12%
OH	Ashtabula	Cleveland Electric Illuminating	2835	9	Standard Limitation	0.46	Not Oper.					0.51	
OH	Ashtabula	Cleveland Electric Illuminating	2835	10	Averaging Plan	0.46	0.57			0.52	0.45	0.51	12%
OH	Ashtabula	Cleveland Electric Illuminating	2835	11	Averaging Plan	0.46	0.57			0.52	0.45	0.51	12%
OH	Avon Lake Power Plant	Orion Power Operating - Midwest	2836	9	Standard Limitation	0.40	Not Oper.					0.63	
OH	Avon Lake Power Plant	Orion Power Operating - Midwest	2836	10	Averaging Plan	0.40	0.36			0.56	0.50	0.58	-38%
OH	Avon Lake Power Plant	Orion Power Operating - Midwest	2836	12	Averaging Plan	0.68	0.84			0.56	0.50	0.96	-13%
OH	Bay Shore	Toledo Edison Company	2878	1	Averaging Plan	0.80	0.10			0.52	0.45	1.08	-91%
OH	Bay Shore	Toledo Edison Company	2878	2	Averaging Plan	0.80	0.63			0.52	0.45	1.08	-42%
OH	Bay Shore	Toledo Edison Company	2878	3	Averaging Plan	0.46	0.63			0.52	0.45	1.08	-42%
OH	Bay Shore	Toledo Edison Company	2878	4	Averaging Plan	0.46	0.63			0.52	0.45	1.08	-42%
OH	Cardinal	Cardinal Operating Company	2828	1	Averaging Plan	0.68	0.60			0.62	0.52	0.90	-33%
OH	Cardinal	Cardinal Operating Company	2828	2	Averaging Plan	0.68	0.53			0.62	0.52	1.02	-48%
OH	Cardinal	Cardinal Operating Company	2828	3	Averaging Plan	0.46	0.49			0.62	0.52	0.74	-34%
OH	Conesville	Columbus Southern Power Company	2840	3	Averaging Plan	0.50	0.50			0.62	0.52	0.93	-46%
OH	Conesville	Columbus Southern Power Company	2840	4	Averaging Plan	0.45	0.44			0.62	0.52	0.55	-20%
OH	Conesville	Columbus Southern Power Company	2840	5	Early Election	0.40	0.42	0.45				0.44	-5%
OH	Conesville	Columbus Southern Power Company	2840	6	Early Election	0.40	0.42	0.45				0.44	-5%
OH	Eastlake	Cleveland Electric Illuminating	2837	1	Averaging Plan	0.45	0.37			0.52	0.45	0.49	-24%
OH	Eastlake	Cleveland Electric Illuminating	2837	2	Averaging Plan	0.45	0.35			0.52	0.45	0.68	-49%
OH	Eastlake	Cleveland Electric Illuminating	2837	3	Averaging Plan	0.45	0.35			0.52	0.45	0.54	-35%
OH	Eastlake	Cleveland Electric Illuminating	2837	4	Averaging Plan	0.45	0.32			0.52	0.45	0.51	-37%
OH	Eastlake	Cleveland Electric Illuminating	2837	5	Averaging Plan	0.68	0.86			0.52	0.45	0.67	28%
OH	Edgewater (2857)	Ohio Edison Company	2857	11	Averaging Plan	0.80	Not Oper.			0.52	0.45	1.16	
OH	Edgewater (2857)	Ohio Edison Company	2857	12	Averaging Plan	0.80	Not Oper.			0.52	0.45	1.16	
OH	Edgewater (2857)	Ohio Edison Company	2857	13	Averaging Plan	0.50	0.21			0.52	0.45	1.16	-82%
OH	Gen J M Gavin	Ohio Power Company	8102	1	Averaging Plan	0.68	0.36			0.62	0.52	1.16	-69%

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OH	Gen J M Gavin	Ohio Power Company	8102	2	Averaging Plan	0.68	0.36			0.62	0.52	1.16	-69%
OH	Gorge	Ohio Edison Company	2858	25	Averaging Plan	0.50	Not Oper.			0.52	0.45	1.16	
OH	Gorge	Ohio Edison Company	2858	26	Averaging Plan	0.50	Not Oper.			0.52	0.45	1.16	
OH	Hamilton	City of Hamilton	2917	9	Standard Limitation	0.40	0.39					0.60	-35%
OH	J M Stuart	Dayton Power & Light Company	2850	1	Averaging Plan	0.68	0.56			0.61	0.54	1.11	-50%
OH	J M Stuart	Dayton Power & Light Company	2850	2	Averaging Plan	0.68	0.68			0.61	0.54	1.05	-35%
OH	J M Stuart	Dayton Power & Light Company	2850	3	Averaging Plan	0.68	0.55			0.61	0.54	0.95	-42%
OH	J M Stuart	Dayton Power & Light Company	2850	4	Averaging Plan	0.68	0.52			0.61	0.54	1.16	-55%
OH	Killen Station	Dayton Power & Light Company	6031	2	Averaging Plan	0.46	0.46			0.61	0.54	0.51	-10%
OH	Kyger Creek	Ohio Valley Electric Corporation	2876	1	Averaging Plan	0.84	0.75			0.84	0.75	1.34	-44%
OH	Kyger Creek	Ohio Valley Electric Corporation	2876	2	Averaging Plan	0.84	0.75			0.84	0.75	1.34	-44%
OH	Kyger Creek	Ohio Valley Electric Corporation	2876	3	Averaging Plan	0.84	0.75			0.84	0.75	1.34	-44%
OH	Kyger Creek	Ohio Valley Electric Corporation	2876	4	Averaging Plan	0.84	0.75			0.84	0.75	1.34	-44%
OH	Kyger Creek	Ohio Valley Electric Corporation	2876	5	Averaging Plan	0.84	0.75			0.84	0.75	1.34	-44%
OH	Lake Shore	Cleveland Electric Illuminating	2838	18	Averaging Plan	0.40	0.32			0.52	0.45	0.67	-52%
OH	Miami Fort	Cincinnati Gas & Electric Company	2832	6	Averaging Plan	0.45	0.52			0.49	0.46	0.73	-29%
OH	Miami Fort	Cincinnati Gas & Electric Company	2832	7	Averaging Plan	0.68	0.56			0.49	0.46	1.07	-48%
OH	Miami Fort	Cincinnati Gas & Electric Company	2832	8	Averaging Plan	0.46	0.55			0.49	0.46	0.62	-11%
OH	Miami Fort	Cincinnati Gas & Electric Company	2832	5-1	Averaging Plan	0.80	0.92			0.49	0.46	0.71	30%
OH	Miami Fort	Cincinnati Gas & Electric Company	2832	5-2	Averaging Plan	0.80	0.92			0.49	0.46	0.71	30%
OH	Muskingum River	Ohio Power Company	2872	1	Averaging Plan	0.84	0.78			0.62	0.52	1.09	-28%
OH	Muskingum River	Ohio Power Company	2872	2	Averaging Plan	0.84	0.78			0.62	0.52	1.09	-28%
OH	Muskingum River	Ohio Power Company	2872	3	Averaging Plan	0.86	0.78			0.62	0.52	1.09	-28%
OH	Muskingum River	Ohio Power Company	2872	4	Averaging Plan	0.86	0.78			0.62	0.52	1.09	-28%
OH	Muskingum River	Ohio Power Company	2872	5	Averaging Plan	0.68	0.64			0.62	0.52	1.20	-47%
OH	O H Hutchings	Dayton Power & Light Company	2848	H-1	Averaging Plan	0.40	0.59			0.61	0.54	0.67	-12%
OH	O H Hutchings	Dayton Power & Light Company	2848	H-2	Averaging Plan	0.40	0.59			0.61	0.54	0.67	-12%
OH	O H Hutchings	Dayton Power & Light Company	2848	H-3	Averaging Plan	0.40	0.57			0.61	0.54	0.63	-10%
OH	O H Hutchings	Dayton Power & Light Company	2848	H-4	Averaging Plan	0.40	0.57			0.61	0.54	0.63	-10%

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OH	O H Hutchings	Dayton Power & Light Company	2848	H-5	Averaging Plan	0.40	0.56			0.61	0.54	0.51	10%
OH	O H Hutchings	Dayton Power & Light Company	2848	H-6	Averaging Plan	0.40	0.56			0.61	0.54	0.51	10%
OH	Picway	Columbus Southern Power Company	2843	9	Averaging Plan	0.50	0.41			0.62	0.52	0.87	-53%
OH	R E Burger	Ohio Edison Company	2864	1	Averaging Plan	0.84	Not Oper.			0.52	0.45	0.83	
OH	R E Burger	Ohio Edison Company	2864	2	Averaging Plan	0.84	Not Oper.			0.52	0.45	0.90	
OH	R E Burger	Ohio Edison Company	2864	3	Averaging Plan	0.84	Not Oper.			0.52	0.45	0.94	
OH	R E Burger	Ohio Edison Company	2864	4	Averaging Plan	0.84	Not Oper.			0.52	0.45	1.09	
OH	R E Burger	Ohio Edison Company	2864	5	Averaging Plan	0.84	0.57			0.52	0.45	0.75	-24%
OH	R E Burger	Ohio Edison Company	2864	6	Averaging Plan	0.84	0.66			0.52	0.45	0.73	-10%
OH	R E Burger	Ohio Edison Company	2864	7	Averaging Plan	0.50	0.76			0.52	0.45	0.66	15%
OH	R E Burger	Ohio Edison Company	2864	8	Averaging Plan	0.50	0.73			0.52	0.45	0.72	1%
OH	Richard Gorsuch	American Municipal Power - Ohio Inc	7253	1	Standard Limitation	0.46	0.36					Not Oper.	
OH	Richard Gorsuch	American Municipal Power - Ohio Inc	7253	2	Standard Limitation	0.46	0.36					Not Oper.	
OH	Richard Gorsuch	American Municipal Power - Ohio Inc	7253	3	Standard Limitation	0.46	0.36					Not Oper.	
OH	Richard Gorsuch	American Municipal Power - Ohio Inc	7253	4	Standard Limitation	0.46	0.36					Not Oper.	
OH	Toronto	Ohio Edison Company	2867	9	Averaging Plan	0.84	Not Oper.			0.52	0.45	1.06	
OH	Toronto	Ohio Edison Company	2867	10	Averaging Plan	0.50	Not Oper.			0.52	0.45	1.06	
OH	Toronto	Ohio Edison Company	2867	11	Averaging Plan	0.50	Not Oper.			0.52	0.45	1.06	
OH	W H Sammis	Ohio Edison Company	2866	1	Averaging Plan	0.46	0.38			0.52	0.45	0.87	-56%
OH	W H Sammis	Ohio Edison Company	2866	2	Averaging Plan	0.46	0.41			0.52	0.45	0.85	-52%
OH	W H Sammis	Ohio Edison Company	2866	3	Averaging Plan	0.46	1.03			0.52	0.45	0.86	20%
OH	W H Sammis	Ohio Edison Company	2866	4	Averaging Plan	0.46	0.41			0.52	0.45	0.81	-49%
OH	W H Sammis	Ohio Edison Company	2866	5	Averaging Plan	0.50	0.48			0.52	0.45	0.52	-8%
OH	W H Sammis	Ohio Edison Company	2866	6	Averaging Plan	0.50	0.38			0.52	0.45	1.10	-65%
OH	W H Sammis	Ohio Edison Company	2866	7	Averaging Plan	0.68	0.35			0.52	0.45	1.06	-67%
OH	W H Zimmer	Cincinnati Gas & Electric Company	6019	1	Early Election	0.46	0.48	0.50				Not Oper.	
OH	Walter C Beckjord	Cincinnati Gas & Electric Company	2830	1	Averaging Plan	0.40	0.63			0.49	0.46	0.58	9%
OH	Walter C Beckjord	Cincinnati Gas & Electric Company	2830	2	Averaging Plan	0.40	0.62			0.49	0.46	0.65	-5%
OH	Walter C Beckjord	Cincinnati Gas & Electric Company	2830	3	Averaging Plan	0.46	0.94			0.49	0.46	1.21	-22%

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OH	Walter C Beckjord	Cincinnati Gas & Electric Company	2830	4	Averaging Plan	0.40	0.56			0.49	0.46	0.51	10%
OH	Walter C Beckjord	Cincinnati Gas & Electric Company	2830	5	Averaging Plan	0.45	0.40			0.49	0.46	0.72	-44%
OH	Walter C Beckjord	Cincinnati Gas & Electric Company	2830	6	Averaging Plan	0.45	0.36			0.49	0.46	0.71	-49%
OK	Grand River Dam Authority	Grand River Dam Authority	165	1	Averaging Plan	0.46	0.44			0.46	0.38	0.41	7%
OK	Grand River Dam Authority	Grand River Dam Authority	165	2	Averaging Plan	0.46	0.33			0.46	0.38	0.27	22%
OK	Hugo	Western Farmers Electric Coop Inc	6772	1	Standard Limitation	0.46	0.22					0.27	-19%
OK	Muskogee	Oklahoma Gas & Electric Company	2952	4	Early Election	0.40	0.33	0.45				0.44	-25%
OK	Muskogee	Oklahoma Gas & Electric Company	2952	5	Early Election	0.40	0.37	0.45				0.41	-10%
OK	Muskogee	Oklahoma Gas & Electric Company	2952	6	Early Election	0.40	0.34	0.45				0.44	-23%
OK	Northeastern	American Electric Power Service	2963	3313	Early Election	0.40	0.38	0.45				0.53	-28%
OK	Northeastern	American Electric Power Service	2963	3314	Early Election	0.40	0.38	0.45				0.53	-28%
OK	Sooner	Oklahoma Gas & Electric Company	6095	1	Early Election	0.40	0.34	0.45				0.33	3%
OK	Sooner	Oklahoma Gas & Electric Company	6095	2	Early Election	0.40	0.30	0.45				0.42	-29%
OR	Boardman	General Electric - Portland	6106	1SG	Early Election	0.46	0.44	0.50				0.40	10%
PA	Armstrong	Allegheny Energy Supply Co, LLC	3178	1	Averaging Plan	0.50	0.38			0.56	0.44	0.90	-58%
PA	Armstrong	Allegheny Energy Supply Co, LLC	3178	2	Averaging Plan	0.50	0.33			0.56	0.44	1.04	-68%
PA	Bruce Mansfield	Pennsylvania Power Company	6094	1	Averaging Plan	0.50	0.39			0.52	0.45	0.98	-60%
PA	Bruce Mansfield	Pennsylvania Power Company	6094	2	Averaging Plan	0.50	0.32			0.52	0.45	1.13	-72%
PA	Bruce Mansfield	Pennsylvania Power Company	6094	3	Averaging Plan/EE	0.46	0.37	0.50		0.52	0.45	0.57	-35%
PA	Brunner Island	PPL Brunner Island, LLC	3140	1	Standard Limitation	0.45	0.34					0.65	-48%
PA	Brunner Island	PPL Brunner Island, LLC	3140	2	Standard Limitation	0.45	0.34					0.71	-52%
PA	Brunner Island	PPL Brunner Island, LLC	3140	3	Standard Limitation	0.45	0.39					0.83	-53%
PA	Cheswick	Orion Power Midwest, LP	8226	1	Averaging Plan	0.45	0.34			0.56	0.50	0.71	-52%
PA	Conemaugh	Reliant Energy Northeast Management	3118	1	Standard Limitation	0.45	0.36					0.65	-45%
PA	Conemaugh	Reliant Energy Northeast Management	3118	2	Standard Limitation	0.45	0.34					0.71	-52%
PA	Cromby	Exelon Generation Company	3159	1	Early Election	0.46	0.35	0.50				0.60	-42%
PA	Eddystone	Exelon Generation Company	3161	1	Early Election	0.40	0.32	0.45				0.42	-24%
PA	Eddystone	Exelon Generation Company	3161	2	Early Election	0.40	0.30	0.45				0.50	-40%
PA	Elrama	Orion Power Midwest, LP	3098	1	Averaging Plan	0.80	0.45			0.56	0.50	0.80	-44%

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PA	Elrama	Orion Power Midwest, LP	3098	2	Averaging Plan	0.80	0.45			0.56	0.50	0.80	-44%
PA	Elrama	Orion Power Midwest, LP	3098	3	Averaging Plan	0.80	0.45			0.56	0.50	0.80	-44%
PA	Elrama	Orion Power Midwest, LP	3098	4	Averaging Plan	0.46	0.45			0.56	0.50	0.85	-47%
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	
PA	F R Phillips	Orion Power Midwest, LP	3099	6	Standard Limitation	0.80	Not Oper.					0.85	
PA	Hatfields Ferry	Allegheny Energy Supply Co, LLC	3179	1	Averaging Plan	0.68	0.49			0.56	0.44	1.13	-57%
PA	Hatfields Ferry	Allegheny Energy Supply Co, LLC	3179	2	Averaging Plan	0.68	0.49			0.56	0.44	1.17	-58%
PA	Hatfields Ferry	Allegheny Energy Supply Co, LLC	3179	3	Averaging Plan	0.68	0.49			0.56	0.44	0.90	-46%
PA	Homer City	EME Homer City Generation, LP	3122	1	Early Election	0.46	0.37	0.50				1.09	-66%
PA	Homer City	EME Homer City Generation, LP	3122	2	Early Election	0.46	0.40	0.50				1.04	-62%
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 Northeast Management	3136	1	Early Election	0.40	0.32	0.45				0.79	-59%
PA	Keystone	Reliant Energy Northeast Management	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, LLC	3181	33	Averaging Plan	0.45	0.37			0.56	0.44	0.68	-46%
PA	Montour	PPL Montour, LLC	3149	1	Early Election	0.40	0.29	0.45				0.95	-69%
PA	Montour	PPL Montour, LLC	3149	2	Early Election	0.40	0.29	0.45				0.46	-37%
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	0.36	0.50		0.56	0.50	0.63	-43%
PA	New Castle	Orion Power Midwest, LP	3138	4	Averaging Plan/EE	0.46	0.32	0.50		0.56	0.50	0.57	-44%
PA	New Castle	Orion Power Midwest, LP	3138	5	Averaging Plan/EE	0.46	0.39	0.50		0.56	0.50	0.73	-47%
PA	Portland	Reliant Energy Mid-Atlantic Power	3113	1	Averaging Plan	0.45	0.26			0.44	0.37	0.46	-43%
PA	Portland	Reliant Energy Mid-Atlantic Power	3113	2	Averaging Plan	0.45	0.34			0.44	0.37	0.66	-48%

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PA	Seward	Reliant Energy Mid-Atlantic Power	3130	12	Averaging Plan	0.46	0.42			0.44	0.37	0.83	-49%
PA	Seward	Reliant Energy Mid-Atlantic Power	3130	14	Averaging Plan	0.46	0.42			0.44	0.37	0.83	-49%
PA	Seward	Reliant Energy Mid-Atlantic Power	3130	15	Averaging Plan	0.40	0.42			0.44	0.37	0.75	-44%
PA	Shawville	Reliant Energy Mid-Atlantic Power	3131	1	Standard Limitation	0.50	0.46					0.99	-54%
PA	Shawville	Reliant Energy Mid-Atlantic Power	3131	2	Standard Limitation	0.50	0.46					1.02	-55%
PA	Shawville	Reliant Energy Mid-Atlantic Power	3131	3	Standard Limitation	0.45	0.42					0.83	-49%
PA	Shawville	Reliant Energy Mid-Atlantic Power	3131	4	Standard Limitation	0.45	0.42					0.82	-49%
PA	Sunbury	Sunbury Generation, LLC	3152	3	Standard Limitation	0.50	0.40					0.93	-57%
PA	Sunbury	Sunbury Generation, LLC	3152	4	Standard Limitation	0.50	0.37					1.29	-71%
PA	Titus	Reliant Energy Mid-Atlantic Power	3115	1	Early Election	0.40	0.30	0.45				0.73	-59%
PA	Titus	Reliant Energy Mid-Atlantic Power	3115	2	Early Election	0.40	0.32	0.45				0.68	-53%
PA	Titus	Reliant Energy Mid-Atlantic Power	3115	3	Early Election	0.40	0.31	0.45				0.77	-60%
PA	Warren	Reliant Energy Mid-Atlantic Power	3132	1	Averaging Plan	0.46	0.52			0.44	0.37	0.63	-17%
PA	Warren	Reliant Energy Mid-Atlantic Power	3132	2	Averaging Plan	0.46	0.52			0.44	0.37	0.63	-17%
PA	Warren	Reliant Energy Mid-Atlantic Power	3132	3	Averaging Plan	0.46	0.52			0.44	0.37	0.63	-17%
PA	Warren	Reliant Energy Mid-Atlantic Power	3132	4	Averaging Plan	0.46	0.52			0.44	0.37	0.63	-17%
SC	Canadys Steam	South Carolina Electric & Gas	3280	CAN1	Averaging Plan	0.40	0.36			0.41	0.34	0.45	-20%
SC	Canadys Steam	South Carolina Electric & Gas	3280	CAN2	Averaging Plan	0.40	0.45			0.41	0.34	0.60	-25%
SC	Canadys Steam	South Carolina Electric & Gas	3280	CAN3	Averaging Plan	0.46	0.33			0.41	0.34	1.00	-67%
SC	Cope Station	South Carolina Electric & Gas	7210	COP1	Averaging Plan	0.40	0.25			0.41	0.34	Not Oper.	
SC	Cross	Santee Cooper	130	1	Averaging Plan/EE	0.46	0.35	0.50		0.46	0.42	Not Oper.	
SC	Cross	Santee Cooper	130	2	Early Election	0.40	0.39	0.45				0.46	-15%
SC	Dolphus M Grainger	Santee Cooper	3317	1	Averaging Plan	0.46	0.46			0.46	0.42	0.90	-49%
SC	Dolphus M Grainger	Santee Cooper	3317	2	Averaging Plan	0.46	0.92			0.46	0.42	1.07	-14%
SC	H B Robinson	Carolina Power & Light Company	3251	1	Averaging Plan	0.40	0.73			0.45	0.40	0.63	16%
SC	Jefferies	Santee Cooper	3319	3	Averaging Plan	0.46	0.44			0.46	0.42	1.01	-56%
SC	Jefferies	Santee Cooper	3319	4	Averaging Plan	0.46	0.41			0.46	0.42	1.15	-64%
SC	McMeekin	South Carolina Electric & Gas	3287	MCM1	Averaging Plan	0.40	0.40			0.41	0.34	0.61	-34%
SC	McMeekin	South Carolina Electric & Gas	3287	MCM2	Averaging Plan	0.40	0.39			0.41	0.34	0.59	-34%

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SC	Urquhart	South Carolina Electric & Gas	3295	URQ1	Averaging Plan	0.40	0.46			0.41	0.34	0.69	-33%
SC	Urquhart	South Carolina Electric & Gas	3295	URQ2	Averaging Plan	0.40	0.50			0.41	0.34	0.64	-22%
SC	Urquhart	South Carolina Electric & Gas	3295	URQ3	Averaging Plan	0.40	0.34			0.41	0.34	0.51	-33%
SC	W S Lee	Duke Energy Corporation	3264	1	Early Election	0.40	0.42	0.45				0.64	-34%
SC	W S Lee	Duke Energy Corporation	3264	2	Early Election	0.40	0.43	0.45				0.61	-30%
SC	W S Lee	Duke Energy Corporation	3264	3	Early Election	0.40	0.30	0.45				0.50	-40%
SC	Wateree	South Carolina Electric & Gas	3297	WAT1	AEL	0.46	0.45		0.59			1.30	-65%
SC	Wateree	South Carolina Electric & Gas	3297	WAT2	AEL	0.46	0.43		0.59			1.47	-71%
SC	Williams	South Carolina Electric & Gas	3298	WIL1	AEL	0.40	0.46		0.48			0.87	-47%
SC	Winyah	Santee Cooper	6249	1	Averaging Plan/AEL	0.46	0.42			0.46	0.42	1.03	-59%
SC	Winyah	Santee Cooper	6249	2	AEL	0.46	0.50		0.61			0.65	-23%
SC	Winyah	Santee Cooper	6249	3	AEL	0.46	0.56		0.60			0.63	-11%
SC	Winyah	Santee Cooper	6249	4	AEL	0.46	0.52		0.60			0.50	4%
SD	Big Stone	Otter Tail Power Company	6098	1	Standard Limitation	0.86	0.84					1.29	-35%
TN	Allen	Tennessee Valley Authority	3393	1	Averaging Plan	0.86	0.76			0.58	0.53	1.95	-61%
TN	Allen	Tennessee Valley Authority	3393	2	Averaging Plan	0.86	0.79			0.58	0.53	1.91	-59%
TN	Allen	Tennessee Valley Authority	3393	3	Averaging Plan	0.86	0.77			0.58	0.53	1.87	-59%
TN	Bull Run	Tennessee Valley Authority	3396	1	Averaging Plan	0.40	0.62			0.58	0.53	0.67	-7%
TN	Cumberland	Tennessee Valley Authority	3399	1	Averaging Plan	0.68	0.49			0.58	0.53	1.57	-69%
TN	Cumberland	Tennessee Valley Authority	3399	2	Averaging Plan	0.68	0.56			0.58	0.53	1.33	-58%
TN	Gallatin	Tennessee Valley Authority	3403	1	Averaging Plan	0.45	0.31			0.58	0.53	0.59	-47%
TN	Gallatin	Tennessee Valley Authority	3403	2	Averaging Plan	0.45	0.31			0.58	0.53	0.63	-51%
TN	Gallatin	Tennessee Valley Authority	3403	3	Averaging Plan	0.45	0.33			0.58	0.53	0.59	-44%
TN	Gallatin	Tennessee Valley Authority	3403	4	Averaging Plan	0.45	0.33			0.58	0.53	0.55	-40%
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	0.40	0.45				0.64	-38%
TN	John Sevier	Tennessee Valley Authority	3405	4	Early Election	0.40	0.40	0.45				0.64	-38%
TN	Johnsonville	Tennessee Valley Authority	3406	1	Averaging Plan	0.45	0.50			0.58	0.53	0.45	11%

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TN	Johnsonville	Tennessee Valley Authority	3406	2	Averaging Plan	0.45	0.50			0.58	0.53	0.48	4%
TN	Johnsonville	Tennessee Valley Authority	3406	3	Averaging Plan	0.45	0.50			0.58	0.53	0.46	9%
TN	Johnsonville	Tennessee Valley Authority	3406	4	Averaging Plan	0.45	0.50			0.58	0.53	0.54	-7%
TN	Johnsonville	Tennessee Valley Authority	3406	5	Averaging Plan	0.45	0.50			0.58	0.53	0.45	11%
TN	Johnsonville	Tennessee Valley Authority	3406	6	Averaging Plan	0.45	0.50			0.58	0.53	0.50	0%
TN	Johnsonville	Tennessee Valley Authority	3406	7	Averaging Plan	0.50	0.50			0.58	0.53	1.00	-50%
TN	Johnsonville	Tennessee Valley Authority	3406	8	Averaging Plan	0.50	0.50			0.58	0.53	0.97	-48%
TN	Johnsonville	Tennessee Valley Authority	3406	9	Averaging Plan	0.50	0.50			0.58	0.53	1.10	-55%
TN	Johnsonville	Tennessee Valley Authority	3406	10	Averaging Plan	0.50	0.50			0.58	0.53	1.07	-53%
TN	Kingston	Tennessee Valley Authority	3407	1	Averaging Plan	0.40	0.59			0.58	0.53	0.60	-2%
TN	Kingston	Tennessee Valley Authority	3407	2	Averaging Plan	0.40	0.59			0.58	0.53	0.60	-2%
TN	Kingston	Tennessee Valley Authority	3407	3	Averaging Plan	0.40	0.59			0.58	0.53	0.60	-2%
TN	Kingston	Tennessee Valley Authority	3407	4	Averaging Plan	0.40	0.59			0.58	0.53	0.60	-2%
TN	Kingston	Tennessee Valley Authority	3407	5	Averaging Plan	0.40	0.59			0.58	0.53	0.60	-2%
TN	Kingston	Tennessee Valley Authority	3407	6	Averaging Plan	0.40	0.45			0.58	0.53	0.63	-29%
TN	Kingston	Tennessee Valley Authority	3407	7	Averaging Plan	0.40	0.45			0.58	0.53	0.63	-29%
TN	Kingston	Tennessee Valley Authority	3407	8	Averaging Plan	0.40	0.45			0.58	0.53	0.63	-29%
TN	Kingston	Tennessee Valley Authority	3407	9	Averaging Plan	0.40	0.45			0.58	0.53	0.63	-29%
TX	Big Brown	TXU Electric Company	3497	1	Early Election	0.40	0.23	0.45				0.40	-43%
TX	Big Brown	TXU Electric Company	3497	2	Early Election	0.40	0.33	0.45				0.34	-3%
TX	Coleto Creek	American Electric Power Service	6178	1	Early Election	0.40	0.25	0.45				0.38	-34%
TX	Gibbons Creek	Texas Municipal Power Agency	6136	1	Early Election	0.40	0.22	0.45				0.47	-53%
TX	Gibbons Creek	Duke Fluor Daniel	6136	1	Early Election	0.40	0.22	0.45				0.47	-53%
TX	Harrington Station	Southwestern Public Service Company	6193	061B	Early Election	0.40	0.30	0.45				0.27	11%
TX	Harrington Station	Southwestern Public Service Company	6193	062B	Early Election	0.40	0.29	0.45				0.36	-19%
TX	Harrington Station	Southwestern Public Service Company	6193	063B	Early Election	0.40	0.25	0.45				0.36	-31%
TX	J K Spruce	City of San Antonio	7097	**1	Early Election	0.40	0.16	0.45				Not Oper.	
TX	J T Deely	City of San Antonio	6181	1	Early Election	0.40	0.22	0.45				0.31	-29%
TX	J T Deely	City of San Antonio	6181	2	Early Election	0.40	0.22	0.45				0.31	-29%

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TX	Limestone	Houston Lighting & Power Company	298	LIM1	Early Election	0.40	0.40	0.45				0.50	-20%
TX	Limestone	Houston Lighting & Power Company	298	LIM2	Early Election	0.40	0.23	0.45				0.48	-52%
TX	Martin Lake	TXU Electric Company	6146	1	Early Election	0.40	0.29	0.45				0.36	-19%
TX	Martin Lake	TXU Electric Company	6146	2	Early Election	0.40	0.19	0.45				0.35	-46%
TX	Martin Lake	TXU Electric Company	6146	3	Early Election	0.40	0.27	0.45				0.42	-36%
TX	Monticello	TXU Electric Company	6147	1	Early Election	0.40	0.30	0.45				0.31	-3%
TX	Monticello	TXU Electric Company	6147	2	Early Election	0.40	0.28	0.45				0.40	-30%
TX	Monticello	TXU Electric Company	6147	3	Early Election	0.46	0.21	0.50				0.21	0%
TX	Oklaunion	American Electric Power Service	127	1	Early Election	0.46	0.30	0.50				0.54	-44%
TX	Pirkey	American Electric Power Service	7902	1	Early Election	0.46	0.41	0.50				0.34	21%
TX	Sam Seymour	Lower Colorado River Authority	6179	1	Early Election	0.40	0.32	0.45				0.34	-6%
TX	Sam Seymour	Lower Colorado River Authority	6179	2	Early Election	0.40	0.33	0.45				0.29	14%
TX	Sam Seymour	Lower Colorado River Authority	6179	3	Early Election	0.40	0.35	0.45				0.25	40%
TX	San Miguel	San Miguel Electric Cooperative	6183	SM-1	Early Election	0.46	0.39	0.50				0.41	-5%
TX	Sandow	TXU Electric Company	6648	4	Early Election	0.40	0.33	0.45				0.43	-23%
TX	Tolk Station	Southwestern Public Service Company	6194	171B	Early Election	0.40	0.29	0.45				0.38	-24%
TX	Tolk Station	Southwestern Public Service Company	6194	172B	Early Election	0.40	0.28	0.45				0.24	17%
TX	W A Parish	Houston Lighting & Power Company	3470	WAP5	Early Election	0.46	0.17	0.50				0.47	-64%
TX	W A Parish	Houston Lighting & Power Company	3470	WAP6	Early Election	0.46	0.17	0.50				0.53	-68%
TX	W A Parish	Houston Lighting & Power Company	3470	WAP7	Early Election	0.40	0.14	0.45				0.35	-60%
TX	W A Parish	Houston Lighting & Power Company	3470	WAP8	Early Election	0.40	0.16	0.45				0.31	-48%
TX	Welsh	American Electric Power Service	6139	1	Early Election	0.46	0.26	0.50				0.27	-4%
TX	Welsh	American Electric Power Service	6139	2	Early Election	0.46	0.36	0.50				0.36	0%
TX	Welsh	American Electric Power Service	6139	3	Early Election	0.46	0.19	0.50				0.37	-49%
UT	Bonanza	Deseret Generation & Transmission	7790	1-1	Early Election	0.46	0.33	0.50				0.42	-21%
UT	Carbon	PacifiCorp	3644	1	Early Election	0.40	0.43	0.45				0.50	-14%
UT	Carbon	PacifiCorp	3644	2	Early Election	0.40	0.43	0.45				0.58	-26%
UT	Hunter (Emery)	PacifiCorp	6165	1	Early Election	0.40	0.40	0.45				0.50	-20%
UT	Hunter (Emery)	PacifiCorp	6165	2	Early Election	0.40	0.40	0.45				0.55	-27%

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UT	Hunter (Emery)	PacifiCorp	6165	3	Averaging Plan	0.46	0.41			0.45	0.38	0.34	21%
UT	Huntington	PacifiCorp	8069	1	Early Election	0.40	0.40	0.45				0.52	-23%
UT	Huntington	PacifiCorp	8069	2	Averaging Plan	0.40	0.41			0.45	0.38	0.43	-5%
UT	Intermountain	Intermountain Power Service Corp	6481	1SGA	Early Election	0.46	0.43	0.50				0.45	-4%
UT	Intermountain	Intermountain Power Service Corp	6481	2SGA	Early Election	0.46	0.41	0.50				0.38	8%
VA	Bremo	Dominion Generation	3796	3	Averaging Plan	0.46	0.77			0.41	0.35	0.78	-1%
VA	Bremo	Dominion Generation	3796	4	Averaging Plan	0.46	0.41			0.41	0.35	0.93	-56%
VA	Chesapeake	Dominion Generation	3803	1	Early Election	0.40	0.41	0.45				0.42	-2%
VA	Chesapeake	Dominion Generation	3803	2	Early Election	0.40	0.43	0.45				0.48	-10%
VA	Chesapeake	Dominion Generation	3803	3	Averaging Plan	0.46	0.42			0.41	0.35	1.07	-61%
VA	Chesapeake	Dominion Generation	3803	4	Early Election	0.40	0.44	0.45				0.54	-19%
VA	Chesterfield	Dominion Generation	3797	3	Early Election	0.40	0.44	0.45				0.52	-15%
VA	Chesterfield	Dominion Generation	3797	4	Early Election	0.40	0.40	0.45				0.49	-18%
VA	Chesterfield	Dominion Generation	3797	5	Averaging Plan	0.40	0.37			0.41	0.35	0.62	-40%
VA	Chesterfield	Dominion Generation	3797	6	Averaging Plan	0.40	0.38			0.41	0.35	0.73	-48%
VA	Clinch River	Appalachian Power Company	3775	1	Averaging Plan	0.80	0.61			0.62	0.52	1.34	-54%
VA	Clinch River	Appalachian Power Company	3775	2	Averaging Plan	0.80	0.61			0.62	0.52	1.34	-54%
VA	Clinch River	Appalachian Power Company	3775	3	Averaging Plan	0.80	0.52			0.62	0.52	1.42	-63%
VA	Clover Power Station	Dominion Generation	7213	1	Averaging Plan	0.40	0.29			0.41	0.35	Not Oper.	
VA	Clover Power Station	Dominion Generation	7213	2	Averaging Plan	0.40	0.29			0.41	0.35	Not Oper.	
VA	Glen Lyn	Appalachian Power Company	3776	6	Averaging Plan	0.46	0.52			0.62	0.52	0.76	-32%
VA	Glen Lyn	Appalachian Power Company	3776	51	Averaging Plan/EE	0.40	0.40	0.45		0.62	0.52	0.46	-13%
VA	Glen Lyn	Appalachian Power Company	3776	52	Averaging Plan/EE	0.40	0.41	0.45		0.62	0.52	Not Oper.	
VA	Possum Point Power Station	Dominion Generation	3804	3	Early Election	0.40	0.42	0.45				0.60	-30%
VA	Possum Point Power Station	Dominion Generation	3804	4	Averaging Plan	0.40	0.34			0.41	0.35	0.61	-44%
VA	Potomac River	Mirant Mid Atlantic	3788	1	Early Election	0.40	0.41	0.45				0.51	-20%
VA	Potomac River	Mirant Mid Atlantic	3788	2	Early Election	0.40	0.42	0.45				0.44	-5%
VA	Potomac River	Mirant Mid Atlantic	3788	3	Early Election	0.40	0.41	0.45				0.64	-36%
VA	Potomac River	Mirant Mid Atlantic	3788	4	Early Election	0.40	0.42	0.45				0.46	-9%

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VA	Potomac River	Mirant Mid Atlantic	3788	5	Early Election	0.40	0.41	0.45				0.72	-43%
VA	Yorktown	Dominion Generation	3809	1	Early Election	0.40	0.42	0.45				0.57	-26%
VA	Yorktown	Dominion Generation	3809	2	Early Election	0.40	0.39	0.45				0.57	-32%
WA	Centralia	Transalta Centralia Generation, LLC	3845	BW21	Early Election	0.40	0.36	0.45				0.40	-10%
WA	Centralia	Transalta Centralia Generation, LLC	3845	BW22	Early Election	0.40	0.37	0.45				0.45	-18%
WI	Alma	Dairyland Power Cooperative	4140	B4	Averaging Plan	0.50	0.78			0.48	0.45	0.85	-8%
WI	Alma	Dairyland Power Cooperative	4140	B5	Averaging Plan	0.50	0.78			0.48	0.45	0.85	-8%
WI	Blount Street	Madison Gas & Electric Company	3992	7	Standard Limitation	0.68	0.59					0.89	-34%
WI	Blount Street	Madison Gas & Electric Company	3992	8	Early Election	0.46	0.39	0.50				0.71	-45%
WI	Blount Street	Madison Gas & Electric Company	3992	9	Early Election	0.46	0.42	0.50				0.61	-31%
WI	Columbia	Wisconsin Power & Light Company	8023	1	Early Election	0.40	0.36	0.45				0.46	-22%
WI	Columbia	Wisconsin Power & Light Company	8023	2	Early Election	0.40	0.37	0.45				0.49	-24%
WI	Edgewater (4050)	Wisconsin Power & Light Company	4050	4	Averaging Plan	0.86	0.79			0.63	0.46	1.17	-32%
WI	Edgewater (4050)	Wisconsin Power & Light Company	4050	5	Averaging Plan/EE	0.46	0.22	0.50		0.63	0.46	0.21	5%
WI	Genoa	Dairyland Power Cooperative	4143	1	Averaging Plan	0.45	0.44			0.48	0.45	0.75	-41%
WI	J P Madgett	Dairyland Power Cooperative	4271	B1	Averaging Plan	0.50	0.39			0.48	0.45	0.30	30%
WI	Pleasant Prairie	Wisconsin Electric Power Company	6170	1	Averaging Plan	0.46	0.45			0.47	0.42	0.45	0%
WI	Pleasant Prairie	Wisconsin Electric Power Company	6170	2	Averaging Plan	0.46	0.45			0.47	0.42	0.45	0%
WI	Port Washington	Wisconsin Electric Power Company	4040	1	Averaging Plan	0.50	0.32			0.47	0.42	0.32	0%
WI	Port Washington	Wisconsin Electric Power Company	4040	2	Averaging Plan	0.50	0.32			0.47	0.42	0.32	0%
WI	Port Washington	Wisconsin Electric Power Company	4040	3	Averaging Plan	0.50	0.32			0.47	0.42	0.32	0%
WI	Port Washington	Wisconsin Electric Power Company	4040	4	Averaging Plan	0.50	0.31			0.47	0.42	0.37	-16%
WI	Port Washington	Wisconsin Electric Power Company	4040	5	Standard Limitation	0.50	Not Oper.					0.37	
WI	Pulliam	Wisconsin Public Service	4072	3	Averaging Plan	0.46	0.73			0.47	0.40	0.76	-4%
WI	Pulliam	Wisconsin Public Service	4072	4	Averaging Plan	0.46	0.73			0.47	0.40	0.76	-4%
WI	Pulliam	Wisconsin Public Service	4072	5	Averaging Plan	0.46	0.80			0.47	0.40	0.94	-15%
WI	Pulliam	Wisconsin Public Service	4072	6	Averaging Plan	0.46	0.80			0.47	0.40	0.94	-15%
WI	Pulliam	Wisconsin Public Service	4072	7	Averaging Plan	0.50	0.46			0.47	0.40	0.69	-33%
WI	Pulliam	Wisconsin Public Service	4072	8	Averaging Plan	0.50	0.28			0.47	0.40	0.57	-51%

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WI	South Oak Creek	Wisconsin Electric Power Company	4041	5	Averaging Plan	0.50	0.22			0.47	0.42	0.28	-21%
WI	South Oak Creek	Wisconsin Electric Power Company	4041	6	Averaging Plan	0.50	0.22			0.47	0.42	0.28	-21%
WI	South Oak Creek	Wisconsin Electric Power Company	4041	7	Averaging Plan	0.45	0.34			0.47	0.42	0.66	-48%
WI	South Oak Creek	Wisconsin Electric Power Company	4041	8	Averaging Plan	0.45	0.34			0.47	0.42	0.67	-49%
WI	Stoneman	Mid-American Power, LLC	4146	B1	Averaging Plan	0.46	0.34			0.46	0.34	0.75	-55%
WI	Stoneman	Mid-American Power, LLC	4146	B2	Averaging Plan	0.46	0.34			0.46	0.34	0.75	-55%
WI	Valley (WEPCO)	Wisconsin Electric Power Company	4042	1	Averaging Plan	0.50	0.42			0.47	0.42	1.10	-62%
WI	Valley (WEPCO)	Wisconsin Electric Power Company	4042	2	Averaging Plan	0.50	0.42			0.47	0.42	1.10	-62%
WI	Valley (WEPCO)	Wisconsin Electric Power Company	4042	3	Averaging Plan	0.50	0.42			0.47	0.42	1.05	-60%
WI	Valley (WEPCO)	Wisconsin Electric Power Company	4042	4	Averaging Plan	0.50	0.42			0.47	0.42	0.93	-55%
WI	Weston	Wisconsin Public Service	4078	1	Averaging Plan	0.50	0.81			0.47	0.40	0.90	-10%
WI	Weston	Wisconsin Public Service	4078	2	Averaging Plan	0.50	0.38			0.47	0.40	1.08	-65%
WI	Weston	Wisconsin Public Service	4078	3	Averaging Plan	0.45	0.21			0.47	0.40	0.26	-19%
WV	Albright	Monongahela Power Company	3942	1	Averaging Plan	0.50	0.65			0.56	0.44	1.10	-41%
WV	Albright	Monongahela Power Company	3942	2	Averaging Plan	0.50	0.63			0.56	0.44	1.10	-43%
WV	Albright	Monongahela Power Company	3942	3	Averaging Plan	0.45	0.39			0.56	0.44	0.71	-45%
WV	Fort Martin	Monongahela Power Company	3943	1	Averaging Plan	0.45	0.31			0.56	0.44	0.62	-50%
WV	Fort Martin	Monongahela Power Company	3943	2	Averaging Plan	0.68	0.46			0.56	0.44	1.07	-57%
WV	Harrison	Monongahela Power Company	3944	1	Averaging Plan/AEL	0.50	0.45		0.70	0.56	0.44	0.99	-55%
WV	Harrison	Monongahela Power Company	3944	2	Averaging Plan	0.50	0.45			0.56	0.44	1.13	-60%
WV	Harrison	Monongahela Power Company	3944	3	Averaging Plan	0.50	0.45			0.56	0.44	1.06	-58%
WV	John E Amos	Appalachian Power Company	3935	1	AEL	0.46	0.56		0.59			1.00	-44%
WV	John E Amos	Appalachian Power Company	3935	2	AEL	0.46	0.48		0.52			1.00	-52%
WV	John E Amos	Appalachian Power Company	3935	3	Averaging Plan	0.68	0.65			0.62	0.52	1.05	-38%
WV	Kammer	Ohio Power Company	3947	1	Averaging Plan	0.86	0.74			0.62	0.52	1.21	-39%
WV	Kammer	Ohio Power Company	3947	2	Averaging Plan	0.86	0.74			0.62	0.52	1.21	-39%
WV	Kammer	Ohio Power Company	3947	3	Averaging Plan	0.86	0.74			0.62	0.52	1.21	-39%
WV	Kanawha River	Appalachian Power Company	3936	1	Averaging Plan	0.80	0.47			0.62	0.52	1.23	-62%
WV	Kanawha River	Appalachian Power Company	3936	2	Averaging Plan	0.80	0.47			0.62	0.52	1.23	-62%

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WV	Mitchell	Ohio Power Company	3948	1	Averaging Plan/AEL	0.50	0.57		0.56	0.62	0.52	0.77	-26%
WV	Mitchell	Ohio Power Company	3948	2	Averaging Plan/AEL	0.50	0.53		0.56	0.62	0.52	0.77	-31%
WV	Mount Storm Power Station	Dominion Generation	3954	1	AEL	0.45	0.61		0.76			0.88	-31%
WV	Mount Storm Power Station	Dominion Generation	3954	2	AEL	0.45	0.63		0.69			0.76	-17%
WV	Mount Storm Power Station	Dominion Generation	3954	3	AEL	0.45	0.62		0.74			1.27	-51%
WV	Mountaineer (1301)	Appalachian Power Company	6264	1	Averaging Plan/EE	0.46	0.43	0.50		0.62	0.52	0.47	-9%
WV	Phil Sporn	Central Operating Company	3938	11	Averaging Plan	0.80	0.66			0.62	0.52	1.21	-45%
WV	Phil Sporn	Central Operating Company	3938	21	Averaging Plan	0.80	0.66			0.62	0.52	1.21	-45%
WV	Phil Sporn	Central Operating Company	3938	31	Averaging Plan	0.80	0.66			0.62	0.52	1.21	-45%
WV	Phil Sporn	Central Operating Company	3938	41	Averaging Plan	0.80	0.66			0.62	0.52	1.21	-45%
WV	Phil Sporn	Central Operating Company	3938	51	Averaging Plan	0.46	0.39			0.62	0.52	0.90	-57%
WV	Pleasants	Monongahela Power Company	6004	1	Averaging Plan	0.50	0.35			0.56	0.44	0.52	-33%
WV	Pleasants	Monongahela Power Company	6004	2	Averaging Plan	0.50	0.35			0.56	0.44	0.35	0%
WV	Rivesville	Monongahela Power Company	3945	7	Averaging Plan	0.80	0.90			0.56	0.44	0.86	5%
WV	Rivesville	Monongahela Power Company	3945	8	Averaging Plan	0.80	0.65			0.56	0.44	0.77	-16%
WV	Willow Island	Monongahela Power Company	3946	1	Averaging Plan	0.80	0.57			0.56	0.44	0.88	-35%
WV	Willow Island	Monongahela Power Company	3946	2	Averaging Plan	0.86	0.95			0.56	0.44	1.26	-25%
WY	Dave Johnston	PacifiCorp	4158	BW41	Early Election	0.46	0.44	0.50				0.48	-8%
WY	Dave Johnston	PacifiCorp	4158	BW42	Early Election	0.46	0.43	0.50				0.54	-20%
WY	Dave Johnston	PacifiCorp	4158	BW43	Averaging Plan	0.68	0.52			0.45	0.38	0.71	-27%
WY	Dave Johnston	PacifiCorp	4158	BW44	Averaging Plan	0.40	0.34			0.45	0.38	0.55	-38%
WY	Jim Bridger	PacifiCorp	8066	BW71	Averaging Plan	0.45	0.39			0.45	0.38	0.63	-38%
WY	Jim Bridger	PacifiCorp	8066	BW72	Averaging Plan	0.45	0.35			0.45	0.38	0.51	-31%
WY	Jim Bridger	PacifiCorp	8066	BW73	Averaging Plan	0.45	0.36			0.45	0.38	0.42	-14%
WY	Jim Bridger	PacifiCorp	8066	BW74	Early Election	0.40	0.38	0.45				0.41	-7%
WY	Laramie River	Basin Electric Power Cooperative	6204	1	Early Election	0.46	0.25	0.50				0.35	-29%
WY	Laramie River	Basin Electric Power Cooperative	6204	2	Early Election	0.46	0.27	0.50				0.32	-16%
WY	Laramie River	Basin Electric Power Cooperative	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	0.38	0.42	21%

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WY	Naughton	PacifiCorp	4162	2	Averaging Plan	0.40	0.51			0.45	0.38	0.55	-7%
WY	Naughton	PacifiCorp	4162	3	Averaging Plan	0.40	0.36			0.45	0.38	0.62	-42%
WY	Wyodak	PacifiCorp	6101	BW91	Averaging Plan	0.50	0.25			0.45	0.38	0.37	-32%

Appendix B-2: List of Averaging Plans and Results in 2001

Operating Utility	ORIS Code	Plant Name, State and Units	Plan Limit	Plan Rate
AES	2526	Westover NY Units 11 - 13	0.45	0.34
	2527	Greenidge NY Units 4 - 6		
	6082	Kintigh NY Unit 1		
	2535	Milliken NY Units 1, 2		
AES/IPALCO	990	Harding St. Station (EW Stout) IN Units 50, 60, 70	0.45	0.37
	991	H T Pritchard IN Units 3 - 6		
	994	Petersburg IN Units 1 - 4		
Ameren Energy Generating Co.	861	Coffeen IL Units 01, 02	0.63	0.51
	863	Hutsonville IL Units 05, 06		
	864	Meredosia IL Units 01 - 05		
	6017	Newton IL Unit 2		
American Electric Power Service	1353	Big Sandy KY Unit BSU1	0.62	0.52
	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		
	3935	John E. Amos Unit 3		
	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		

Appendix B-2: List of Averaging Plans and Results in 2001

Operating Utility	ORIS Code	Plant Name, State and Units	Plan Limit	Plan Rate
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	0.70
	2168	Thomas Hill MO Units MB1 - MB3		
Carolina Power & Light Company	2706	Asheville NC Units 1, 2	0.45	0.40
	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		
City Utilities of Springfield	2161	James River MO Units 3 - 5	0.50	0.40
	6195	Southwest MO Unit 1		
Colorado Springs Utilities	492	Martin Drake CO Units 5 - 7	0.46	0.40
Constellation Power Source Gen., Inc.	602	Brandon Shores MD Units 1, 2	0.56	0.46
	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 1 - 5	0.47	0.33
	1702	Dan E Karn MI Units 1, 2		
	1720	J C Weadock MI Units 7, 8		
	1710	J H Campbell MI Units 1 - 3		
	1723	J R Whiting MI Units 1 - 3		

Appendix B-2: List of Averaging Plans and Results in 2001

Operating Utility	ORIS Code	Plant Name, State and Units	Plan Limit	Plan Rate
Dairyland Power Cooperative	4140	Alma WI Units B4, B5	0.48	0.45
	4143	Genoa WI Unit 1		
	4271	J P Madgett WI Unit B1		
Dayton Power & Light Company	2850	J M Stuart OH Units 1 - 4	0.61	0.54
	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	0.54	0.41
	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		
Dominion Generation	3796	Bremo Bluff VA Units 3, 4	0.41	0.35
	3803	Chesapeake VA Unit 3		
	3797	Chesterfield VA Units 5, 6		
	7213	Clover VA Units 1, 2		
	3804	Possum Point VA Unit 4		
Dynegy Danskammer, LLC	2480	Danskammer NY Units 3, 4	0.40	0.39
Dynegy Midwest Generation, Inc.	889	Baldwin IL Units 1, 2	0.69	0.55
	892	Hennepin IL Units 1, 2		
	897	Vermilion IL Units 1, 2		
	898	Wood River IL Units 4, 5		

Appendix B-2: List of Averaging Plans and Results in 2001

Operating Utility	ORIS Code	Plant Name, State and Units	Plan Limit	Plan Rate
FirstEnergy Corporation	2835	Ashtabula OH Units 7, 8, 10, 11	0.52	0.45
	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		
Grand River Dam Authority	165	GRDA OK Units 1, 2	0.46	0.38
Hoosier Energy REC, Inc.	1043	Frank E Ratts IN Units 1SG1, 2SG1	0.47	0.41
	6213	Merom IN Units 1SG1, 2SG1		
IES Utilities, Inc.	1104	Burlington IA Unit 1	0.46	0.36
	1046	Dubuque IA Units 1, 5		
	1047	Lansing IA Units 1 - 3		
	1048	Milton L Kapp IA Unit 2		
	1073	Prairie Creek IA Units 3, 4		
	1058	Sixth Street IA Units 2 - 5		
	1077	Sutherland IA Units 1, 2		
Kansas City Power & Light Co.	1241	La Cygne KS Units 1, 2	0.64	0.53
Kentucky Utilities Co.	1355	E W Brown KY Units 1 - 3	0.45	0.36
	1356	Ghent KY Units 1 - 4		
	1357	Green River KY Units 1 - 5		
	1360	Pineville KY Unit 3		

Appendix B-2: List of Averaging Plans and Results in 2001

Operating Utility	ORIS Code	Plant Name, State and Units	Plan Limit	Plan Rate
	1361	Tyrone KY Unit 5		
Lansing Board of Water and Light	1831	Eckert Station MI Units 1 - 6	0.45	0.35
	1832	Erickson MI Unit 1		
Mid-American Power, LLC	4146	Stoneman WI Units B1, B2	0.46	0.34
Midwest Generation EME, LLC	867	Crawford IL Units 7, 8	0.68	0.56
	886	Fisk IL Unit 19		
	879	Powerton IL Units 51, 52, 61, 62		
	883	Waukegan IL Unit 7		
	884	Will County IL Units 1 - 3		
Minnesota Power and Light Company	1893	Clay Boswell MN Units 1, 2, 4	0.41	0.36
	1891	Syl Laskin MN Units 1, 2		
Mirant State Line Energy, LLC	981	State Line IN Units 3, 4	0.66	0.53
Monongahela Power Company	3942	Albright WV Units 1 - 3	0.56	0.44
	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		
Northern Indiana Public Service Co.	995	Bailly IN Units 7, 8	0.74	0.67
	997	Michigan City IN Unit 12		

Appendix B-2: List of Averaging Plans and Results in 2001

Operating Utility	ORIS Code	Plant Name, State and Units	Plan Limit	Plan Rate
	6085	R M Schahfer IN Units 14, 15		

Appendix B-2: List of Averaging Plans and Results in 2001

Operating Utility	ORIS Code	Plant Name, State and Units	Plan Limit	Plan Rate
NSP (Xcel Energy)	1915	Allen S King MN Unit 1	0.54	0.46
	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		
Ohio Valley Electric Corporation	983	Clifty Creek IN Units 1 - 6	0.84	0.75
	2876	Kyger Creek OH Units 1 - 5		
Orion Power Midwest, LP	2836	Avon Lake OH Units 10, 12	0.56	0.50
	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	0.38
	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		
PSI Energy, Inc.	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		

Appendix B-2: List of Averaging Plans and Results in 2001

Operating Utility	ORIS Code	Plant Name, State and Units	Plan Limit	Plan Rate
Public Service Company of Colorado	465	Arapahoe CO Units 1 - 4	0.80	0.56
Public Service Company of Colorado	469	Cherokee CO Units 1, 2	0.80	0.55
Public Service Co. of New Mexico	2451	San Juan NM Units 1 - 4	0.46	0.41
Public Service Electric & Gas Co.	2403	Hudson NJ Unit 2	0.64	0.61
	2408	Mercer NJ Units 1, 2		
Reliant Energy Mid-Atlantic Power	3113	Portland PA Units 1, 2	0.44	0.37
	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	0.42
	3317	Dolphus M Grainger SC Units 1, 2		
	3319	Jefferies SC Units 3, 4		
	6249	Winyah SC Unit 1		
SIGECO	1012	F B Culley IN Units 1 - 3	0.50	0.47
South Carolina Electric & Gas Co.	3280	Canadys Steam SC Units CAN1 - CAN3	0.41	0.34
	7210	Cope Station SC Unit COP1		
	3287	McMeekin SC Units MCM1, MCM2		
	3295	Urquhart SC Units URQ1 - URQ3		

Appendix B-2: List of Averaging Plans and Results in 2001

Operating Utility	ORIS Code	Plant Name, State and Units	Plan Limit	Plan Rate
South Mississippi Electric Power Association	6061	R D Morrow MS Units 1, 2	0.50	0.47
Southern Company	699	Arkwright GA Units 1 - 4	0.46	0.42
	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	Harllee 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		
Tampa Electric Company	645	Big Bend FL Units BB01 - BB04	0.77	0.63
	646	F J Gannon FL Units GB03 - GB06		

Appendix B-2: List of Averaging Plans and Results in 2001

Operating Utility	ORIS Code	Plant Name, State and Units	Plan Limit	Plan Rate
Tennessee Valley Authority	3393	Allen TN Units 1 - 3	0.58	0.53
	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		
Union Electric Company	2103	Labadie MO Units 1 - 4	0.52	0.23
	2104	Meramec MO Units 1 - 4		
	6155	Rush Island MO Units 1, 2		
	2107	Sioux MO Units 1, 2		
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, Inc.	6068	Jeffrey Energy Centr KS Units 1 - 3	0.40	0.38
	1250	Lawrence KS Units 3 - 5		
	1252	Tecumseh KS Units 9, 10		
Wisconsin Electric Power Company	6170	Pleasant Prairie WI Units 1, 2	0.47	0.42
	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		

Appendix B-2: List of Averaging Plans and Results in 2001

Operating Utility	ORIS Code	Plant Name, State and Units	Plan Limit	Plan Rate
Wisconsin Power & Light Co	4050	Edgewater WI Units 4, 5	0.63	0.46
Wisconsin Public Service Corp.	4072	Pulliam WI Units 3 - 8	0.47	0.40
	4078	Weston WI Units 1 - 3		