

Evaluating Ozone Control Programs in the Eastern United States:

Focus on the NO_x Budget Trading Program, 2004



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Executive Summary

Emission Reductions

- EPA has developed more than a dozen programs since 1990 to limit ozone formation by reducing emissions of its key precursors: nitrogen oxides (NO_x) and volatile organic compounds (VOCs). These programs complement state and local efforts to attain the National Ambient Air Quality Standards for ozone.
- Emission trends reflect implementation of these control programs, which began in the mid-1990s. In the eastern United States, NO_x emissions decreased by 25 percent, and VOC emissions dropped by 21 percent, from 1997 to 2004.
- Control programs successfully reduced NO_x emissions during the warm summer months, generally referred to as the ozone season. The most recent of those programs was the NO_x SIP Call, EPA's regulation to reduce the regional transport of NO_x and ground-level ozone in the eastern United States.
 - All affected states chose to comply with the NO_x SIP Call by participating in the EPA-administered NO_x Budget Trading Program (NBP).
 - In response to the NO_x SIP Call, emissions of NO_x from the power industry (one of the largest NO_x sources in the country) dropped significantly after 2002. Other sources did not show this significant drop in emissions.
 - After implementation of the NO_x SIP Call in 2004, ozone season power industry NO_x emissions were about:
 - › 30 percent lower than in 2003, when a limited number of states were subject to NO_x SIP Call requirements;
 - › 50 percent lower than in 2000, before the NO_x SIP Call was implemented; and
 - › 70 percent lower than in 1990, before implementation of the Clean Air Act Amendments.
 - These reductions occurred despite a shorter-than-normal control period for states participating in the NBP for the first time in 2004 and despite the use of compliance supplement pool allowances—additional allowances issued to help states phase in compliance during the first two years of the NBP.

Changes in Ozone

- In most of the eastern United States, reductions in ozone concentrations (adjusted for weather) more than doubled after the NO_x SIP Call was implemented, beginning in 2003.
- Ozone concentrations declined where EPA expected they would. Areas with the greatest decline in ozone concentrations are near, and downwind of, areas with greatest reductions in NO_x emissions.
- Because weather conditions can vary from year to year, ozone levels could be higher in years when weather is conducive to ozone formation—even when current emission control programs are working as expected. To get a truer picture of ozone from year to year, EPA adjusts ozone levels to account for the influence of weather.

Compliance with the NO_x Budget Trading Program (NBP)

- Sources choose from a variety of compliance options to meet the emission reduction targets of the NBP, including reducing generation from certain units, modifying or optimizing the combustion process to reduce NO_x formation, using add-on controls, or purchasing additional emission allowances from sources reducing below their allocations.
- In 2004, there was close to 100 percent compliance. Of the more than 2,500 units covered by the NBP in 2004, nearly all held sufficient allowances to cover their emissions. Just two units at one facility were out of compliance and subject to an automatic penalty deduction (three allowances for each excess ton of emissions).
- Overall trading activity remained robust in 2004, and allowance prices were lower and more stable than in 2003.
- The level of “banked” (i.e., saved) allowances increased significantly in 2004 as a result of additional sources participating in the NBP and the addition of compliance supplement pool allowances to states’ budgets.
- Sources in the NBP are required to use consistent rigorous monitoring procedures to measure their emissions. In 2004, both electric generating units and industrial boilers passed more than 98 percent of their required quality assurance tests.

New Regulations, Additional Improvements

- While ozone remains a significant problem in many areas of the United States, EPA anticipates additional improvements, including emission reductions from:
 - Continued implementation of the NO_x SIP Call;
 - Mobile source regulations (new passenger vehicles, heavy-duty diesel engines, and other mobile sources);
 - EPA's Clean Air Interstate Rule (CAIR), which will build on the ozone season emission reductions from the NO_x SIP Call. In 2015, CAIR, the NO_x SIP Call, and other programs in the CAIR region will reduce power industry ozone season NO_x emissions by about 50 percent and annual NO_x emissions by about 60 percent from 2003 levels. CAIR will ensure that Americans continue to breathe cleaner air by dramatically reducing air pollution that moves across state boundaries in 28 eastern states and Washington, D.C.
 - State Implementation Plans to address ozone nonattainment.



Introduction

For more than three decades, the U.S. Environmental Protection Agency (EPA) has worked with state, local, and tribal agencies to reduce emissions that contribute to the formation of ground-level ozone. This pervasive pollutant is responsible for a number of serious health and ecological effects in many areas of the United States.

Early ozone management policies focused on reducing ozone by reducing emissions of one of its key precursors, volatile organic compounds (VOCs). VOCs contribute to ground-level ozone formation by reacting with nitrogen oxides (NO_x) in the presence of sunlight.

While ozone levels have decreased substantially since 1980, the downward trend began to slow in the early 1990s. About that time, emerging science indicated that NO_x controls, in addition to VOC controls, would reduce ozone levels more effectively across large regions of the United States.

EPA responded by developing programs to reduce NO_x emissions, including the NO_x State Implementation Plan (SIP) Call, designed to reduce the regional transport of ozone and ozone-forming pollutants in the eastern half of the United States. All states chose to meet mandatory NO_x SIP Call reductions through participation in the NO_x Budget Trading Program (NBP), a market-based cap and trade program for electric generating and large industrial units.

For this report, EPA analyzed the effectiveness of NO_x and VOC control programs designed to reduce precursor emissions and improve ozone air quality. This report focuses specifically on progress made in reducing emissions in the eastern United States under the NO_x SIP Call. Analyses of emissions in this report do not include emissions from natural sources.

This report:

- Briefly describes ozone formation and its health and environmental effects, and provides an overview of the major programs designed to reduce ozone since 1990.
- Evaluates the effectiveness of the major control programs by reviewing emission reductions and comparing changes in emissions to changes in ozone concentrations.
- Compares actual changes in NO_x emissions and ozone concentrations to those predicted to occur under the NO_x SIP Call.
- Examines progress and compliance under the NO_x Budget Trading Program, including market activity, allowance banking in 2004, and progressive flow control in 2005.
- Looks at future NO_x emission reductions under programs such as mobile source controls and the Clean Air Interstate Rule (CAIR).

Chapter 1: Ozone and Major Control Programs

Ozone Formation and Effects

Ground-level ozone pollution is common in many parts of the United States. While ozone levels in urban areas can be high because of concentrated local sources of ozone-forming pollutants, ozone levels in both urban and rural areas are affected by regional transport—the movement of ozone and/or its precursors by the wind. Because of transport, ozone levels can also be elevated in rural areas with few local emission sources.

EPA revised its national air quality standards for ozone in 1997, establishing an 8-hour standard to better protect public health. The 8-hour standard is 0.08 parts per million (ppm). An area meets the standard if the 3-year average of the annual fourth highest daily maximum 8-hour average concentration is less than or equal to 0.08 ppm.

In April 2004, EPA designated 126 areas in the United States as nonattainment for the 8-hour ozone standard,

About Ground-Level Ozone

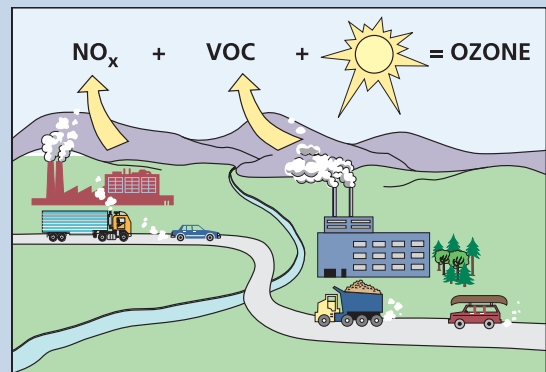
Location & Formation: Beneficial ozone occurs naturally in Earth's upper atmosphere (the stratosphere), where it shields the planet from the sun's harmful ultraviolet rays. At ground level, harmful ozone pollution forms when emissions of NO_x and VOCs react in sunlight. Because ground-level ozone is highest when sunlight is most intense, the warm summer months (May 1 to September 30) are generally referred to as the "ozone season."

Health Effects: Ozone can aggravate respiratory diseases, such as asthma, emphysema, and bronchitis, and can reduce the respiratory system's ability to fight off bacterial infections. Even healthy people can have symptoms related to ozone exposure. Over time, ozone reduces lung function. And recent research suggests that acute exposure to ozone likely contributes to premature death.

Transport: Wind can affect both the location and concentration of ozone pollution. NO_x and VOC emissions can travel hundreds of miles on air currents, forming ozone far from the original emission sources. Ozone also can travel long distances, affecting areas far downwind. High winds tend to disperse pollutants and can dilute ozone concentrations. Light winds, on the other hand, allow pollution levels to build up and become more concentrated.

Ecological Impacts: Ground-level ozone damages vegetation and ecosystems, leading to reduced agricultural crop and commercial forest yields, and increased plant susceptibility to diseases, pests, and other stresses, such as harsh weather. Ozone also damages the foliage of trees and other plants, adversely affecting the landscape of cities and national parks, forests, and recreation areas.

To learn more about ozone and its health impacts, please visit the AIRNow Web site at www.airnow.gov. For information on the health and ecological effects of ozone, go to <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=114523>. For more about the relationship between emissions and ozone formation, visit www.epa.gov/airtrends.



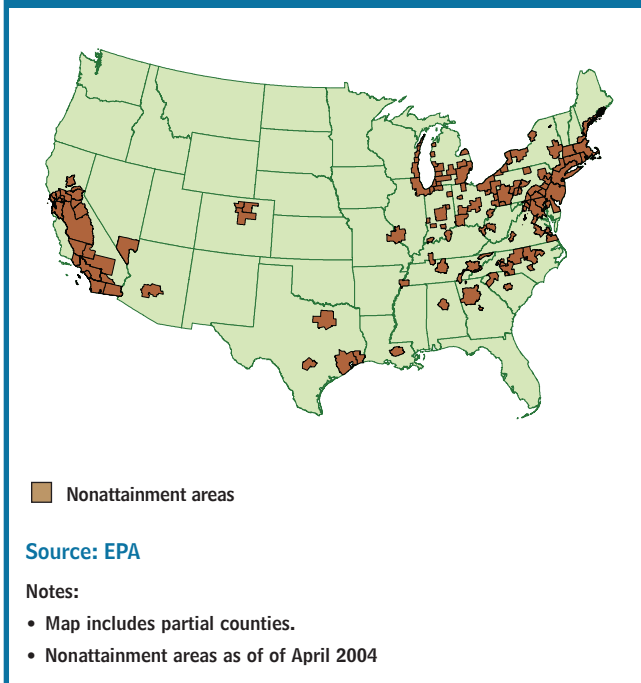
based on ozone levels from 2001-2003 (see Figure 1). The vast majority of these are in the East (404 counties or partial counties) and are home to more than one-third of all Americans.

Reducing Ozone Pollution: Major Control Programs for NO_x and VOCs

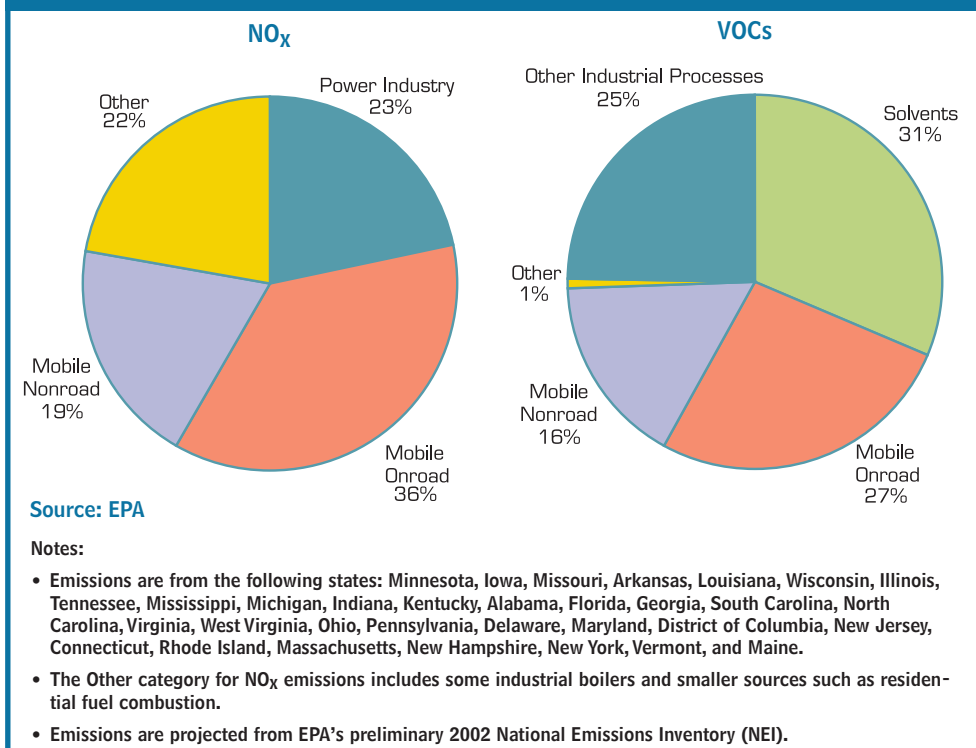
The majority of NO_x and VOC emissions in the eastern United States come from three types of sources: mobile sources, industrial processes, and the electric power industry. Mobile sources and the electric power industry were responsible for 78 percent of annual NO_x emissions in 2004 (see Figure 2). That same year, 99 percent of VOC emissions came from industrial processes (including solvents) and mobile sources. Emissions from natural sources, such as trees, may comprise a significant portion of total VOC emissions, especially during the ozone season. Figure 2 does not include these emissions.

EPA has developed more than a dozen control programs since 1990 to reduce ozone by decreasing emissions of NO_x and VOCs (see Table 1). These programs complement state and local efforts to improve ozone air quality and meet national standards.

**Figure 1:
8-hour Ozone Nonattainment Areas**



**Figure 2:
Sources of NO_x and VOC Annual Emissions
in the Eastern United States, 2004**



**Table 1:
Major EPA NO_x and VOC Emission Control Programs since 1990**

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Mobile Sources																			
Tier I Emission Standards (Onroad)																			
Reformulated Gasoline																			
National Low Emission Vehicle Program (Onroad)																			
Inspection/Maintenance Programs (Onroad)																			
Gasoline Vapor Pressure Controls																			
Evaporative Controls (Onroad)																			
Heavy Duty Trucks (Onroad)																			
Tier II Vehicle and Gasoline Sulfur Program (Onroad)																			
Clean Air Nonroad Diesel Rule (Nonroad)																			
Other Engine Standards (Nonroad)																			
Industrial Processes																			
Synthetic Organic Chemical MACT (HON)																			
Reasonable Available Control Technology (RACT)																			
Solvent and Coating Controls																			
Power Industry																			
Acid Rain NO _x Reduction Program																			
Ozone Transport Commission (OTC) NO _x Budget Program																			
NO _x State Implementation Plan (SIP) Call																			

■ Controls that result in NO_x Reductions
■ Controls that result in VOC Reductions
■ Controls that result in both NO_x reductions and VOC reductions

Source: EPA

Notes:

- Years highlighted indicate implementation or compliance dates.
- Early reductions occur prior to compliance date.
- In many cases, engine standards are phased in over multiple model years. In some cases the time periods overlap.
- For fuel standards, year indicates when the fuel was made available.

Mobile Sources

Emission control programs established for mobile sources in the 1990s include regulations for new vehicles and for fuels. Benefits from vehicle engine standards increase modestly each year as older, more-polluting vehicles are replaced with newer, cleaner models. In time, these programs yield substantial emission reductions. Benefits from fuel programs generally begin as soon as a new fuel is available.

As Table 1 shows, many of the mobile source controls required since the mid-1990s apply to onroad vehicles, such as cars and trucks. EPA also has established programs to reduce emissions from nonroad mobile sources, including the Clean Air Nonroad Diesel Rule of 2004. This rule includes new engine standards that will reduce

NO_x emissions and particle pollution by 90 percent from nonroad diesel engines used to power equipment such as backhoes, tractors, material heavy forklifts, and airport service vehicles. The rule's particle pollution controls will also yield VOC reductions.

Industrial Processes

Large VOC reductions from industrial processes during the 1990s primarily resulted from solvent controls. These emission reductions typically occur where and when the solvent is used, such as during commercial and residential painting. In some cases, states are required to adopt Reasonably Available Control Technology (RACT) for major industrial sources of NO_x and VOCs. Implemented in the late 1990s, RACT is expected to achieve an average of 30 to 50 percent

NO_x reduction per major NO_x emission source. EPA's New Source Review Program (not shown in Table 1) requires new industrial facilities or existing facilities making major modifications to install Best Available Control Technology to limit emissions.

In addition, EPA's rule that controls hazardous air pollutants (commonly referred to as the "HON") is expected to reduce emissions of VOCs generated by the synthetic organic chemical manufacturing industry and several other processes by 1 million tons per year from 1999 levels.

The Power Industry

The power industry is one of the largest emitters of NO_x in the United States. Power industry emission sources include large electric generating units and some large industrial boilers and turbines. There are three major control programs that affect the power industry: EPA's Acid Rain Program, the Ozone Transport Commission's NO_x Budget Program, and EPA's NO_x SIP Call.

The Acid Rain NO_x Reduction Program

Congress established the Acid Rain Program as part of the Clean Air Act Amendments of 1990. This national program reduces sulfur dioxide (SO₂) and NO_x emissions from coal-fired electric generating units greater than 25 megawatts (MW). The Acid Rain Program's NO_x Reduction Program is not a cap and trade program. Instead, affected sources must meet certain NO_x emission rates established for different coal-fired boiler types (emission rates are the amount of NO_x emitted per unit of heat input). Companies can develop emissions averaging plans that provide compliance flexibility. The program began in 1996 for the largest NO_x emitters among coal-fired electric generating units; a second phase to reduce NO_x emissions from the remaining coal-fired generating units began in 2000.

The OTC NO_x Reduction Programs

The Ozone Transport Commission (OTC) was established under the Clean Air Act to help reduce summertime ground-level ozone in the Northeast and mid-Atlantic regions. In 1995, the OTC required existing stationary sources to reduce NO_x emissions to meet

RACT limits. From 1999 to 2002, most of the states in the OTC region implemented the OTC NO_x Budget Program. This program achieved reductions in NO_x from fossil fuel-fired electric generating units and large industrial boilers and turbines through an ozone season (May 1 through September 30) cap and trade program. The second phase of the OTC NO_x Budget Program was slated to begin on May 1, 2003, but was superseded by EPA's NO_x SIP Call. The OTC states include: Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, and Washington, D.C.¹

The NO_x SIP Call

In 1995, EPA and the Environmental Council of the States formed the Ozone Transport Assessment Group to begin addressing the problem of ozone transport in the eastern United States. In 1998, based on the group's

What Is Cap and Trade?

Cap and trade is a policy tool for reducing emissions from a group of sources over a broad geographic region.

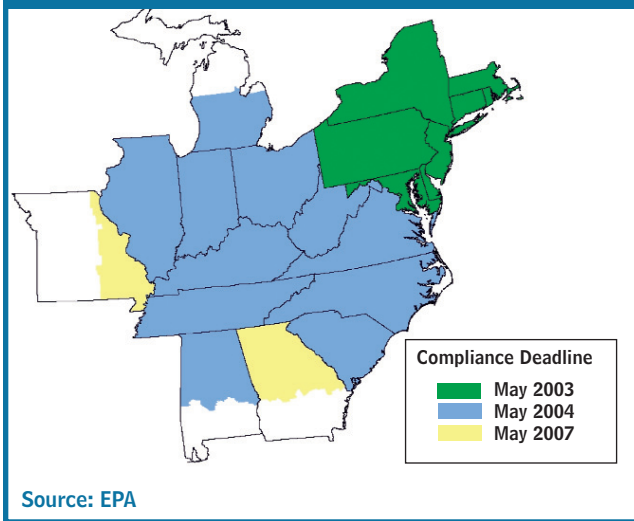
This approach first sets an overall cap, or maximum amount of emissions per compliance period, for all sources under the program. Authorizations to emit, known as emission allowances, are then allocated to affected sources. The total number of allowances allocated cannot exceed the cap.

Under an emissions cap and trade program, sources have flexibility to choose how to meet the emission reduction requirements. A source may either limit emissions to meet the number of allowances it receives each compliance period, or it may purchase additional allowances. Sources with emissions below their limits may sell excess allowances or save ("bank") them for future use.

Sources must accurately measure and routinely report all emissions to guarantee that the overall emissions cap is achieved. Rigorous emissions monitoring ensures credibility of trading programs. For more on emissions cap and trade programs, visit <www.epa.gov/airmarkets>.

¹ Maine, Vermont, and Virginia did not join the OTC trading program. New Hampshire is not subject to requirements of the NO_x SIP Call.

**Figure 3:
NO_x SIP Call Region,
Program Implementation**



findings and other technical analyses, EPA issued a regulation to reduce the regional transport of ground-level ozone. This rule, commonly called the NO_x SIP Call, requires states to reduce ozone season NO_x emissions that contribute to ozone nonattainment in other states.

Compliance with the NO_x SIP Call was scheduled to begin in 2003. The OTC states adopted the original compliance date of May 1, 2003, in transitioning to the NO_x SIP Call. In states outside the OTC region, however, litigation delayed the initial deadline until May

31, 2004. For those states, the first compliance period (2004) was for a shorter-than-normal ozone season (see Figure 3). In addition, litigation delayed the start date for portions of Georgia and Missouri until 2007. EPA has proposed to stay the NO_x SIP Call requirements for Georgia while it responds to a petition to reconsider Georgia's inclusion in the NO_x SIP Call.

The NO_x SIP Call did not mandate which sources must reduce emissions; rather, it required states to meet an overall emissions budget and gave them flexibility to develop control strategies to meet that budget. All affected states chose to meet their NO_x SIP Call requirements by participating in the NO_x Budget Trading Program (NBP).

The NO_x Budget Trading Program

More than 2,500 units were affected under the NBP in 2004. These include electric generating units, which are large boilers, turbines, and combined cycle units used to generate electricity for sale. As shown in Figure 4, electric generating units constitute more than 85 percent of all regulated units. The program also applies to large industrial units that produce electricity and/or steam, primarily for internal use. Examples of these units are boilers and turbines at heavy manufacturing facilities, such as paper mills, petroleum refineries, and iron and steel production facilities. These units also can include steam plants at institutional settings, such as large uni-

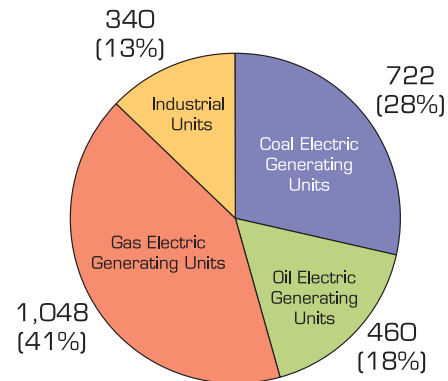
Key Components of the NO_x Budget Trading Program

- The NBP is a cap and trade program for electric generating units and large industrial boilers and turbines.
- The emissions budget sets a cap on emissions at a level chosen to help states meet their air quality goals.
- The NO_x emissions market allows sources to trade (buy and sell) allowances throughout the year.
- At the end of every ozone season, each source must surrender sufficient allowances (each allowance represents one ton of emissions) to cover its ozone season NO_x emissions. This process is called annual reconciliation.
- If a source does not have enough allowances to cover its emissions, EPA will automatically deduct allowances from the following year's allocation at a 3:1 ratio.
- If a source has excess allowances because it reduced emissions beyond required levels, it can sell the unused allowances or "bank" (i.e., save) them for use in a future ozone season.
- To accurately monitor emissions, sources use continuous emissions monitoring systems (CEMS) or other approved monitoring methods under EPA's stringent monitoring requirements (40 CFR Part 75).

versities. Some states have included other types of units, such as petroleum refinery process heaters and cement kilns.

Two criteria are part of determining whether a unit is affected under the NBP: the unit must be fossil fuel-fired and must meet specific size thresholds. For electric generating units, the program generally applies to any unit connected to a generator with a nameplate capacity (the power output in MW that the machine is designed to produce) greater than 25 MW. Some OTC states, however, include units connected to generators with at least 15 MW capacity. For industrial units, the NBP applies to units with a maximum design heat input capacity greater than 250 million British thermal units per hour (mmBtu per hr).

**Figure 4:
Number of Units in the NO_x Budget
Trading Program by Type, 2004**



Source: EPA

Note: Total affected units in 2004 = 2,570

State Trading Budgets, Allowance Allocations, and Compliance Supplement Pool (CSP) Allowances

EPA provided broad discretion to states as to how they could allocate allowances from their trading budget to affected sources. One option was to allocate allowances based on each source's share of statewide ozone season heat input (i.e., fuel use). Another option was based on each source's share of ozone season output (e.g., generation) to reward sources that generate more energy with less fuel input. States could also set-aside allowances for new sources or as incentives for energy efficiency and renewable energy programs.

In addition to their NO_x budgets, states received additional allowances to distribute from the Compliance Supplement Pool (CSP). EPA created the CSP allowances to address concerns that initial efforts to comply with the NO_x emissions cap could have too many primary electric generating units out of operation at the same time to install pollution control retrofits, which could have adversely affected electricity supply reliability. The CSP allowances help states to phase-in compliance during the first two years of the trading program and allow sources to limit units out of service at critical times during the year. States were allowed to distribute their CSP allowances based on early reductions in NO_x emissions, on the basis of demonstrated need, or on some combination of the two methods.

The CSP allocation was a one-time, up-front allocation. For the states that began to comply with the NO_x SIP Call in 2003 (states that had been a part of the OTC trading program), all CSP allowances were distributed as vintage year 2003 allowances and replaced existing banked OTC allowances. The non-OTC states distributed CSP allowances as vintage year 2004 allowances. The vintage is the first year an allowance can be used for compliance (i.e., deducted to cover emissions). For example, almost all 2004 vintage allowances may be used for compliance beginning in 2004, or for any year thereafter. The only exception is the 2004 CSP allowances, which may only be used for compliance through the 2005 ozone season.

Chapter 2: Control Program Effectiveness: Changes in Emissions

EPA and state, local, and tribal agencies have implemented several programs that reduce NO_x and VOC emissions. In order to assess the effectiveness of major control programs, EPA examined trends in NO_x and VOC emissions since 1990, looked at when and where the reductions occurred, and then focused on progress made under the NO_x SIP Call in 2004.

Annual NO_x and VOC Emissions in the Eastern United States

Figure 5 shows trends in annual NO_x and VOC emissions for two time periods: 1990 to 1995 and 1997 to 2004. In the first period, control programs for mobile sources and industrial processes gradually reduced both NO_x and VOC emissions, with NO_x emissions decreasing by 9 percent and VOC emissions decreasing by 7 percent.

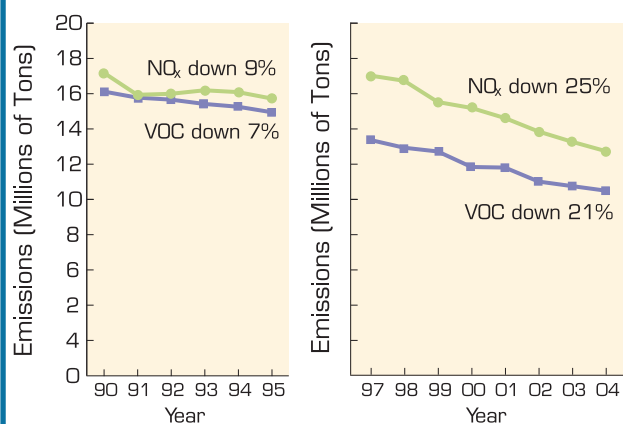
The second period reflects implementation of many control programs mandated by the 1990 Clean Air Act Amendments. The results of these programs are evident in emission trends from 1997 to 2004: NO_x emissions decreased by 25 percent and VOC emissions decreased by 21 percent.

It is important to note that a significant portion of total VOC emissions can come from natural sources, such as trees, especially during the ozone season. For example, EPA estimates that nearly 60 percent of total ozone season VOC emissions in 2001 were from natural sources. These emissions are not shown in Figure 5.

Ozone Season NO_x Reductions, 2003 and 2004

Because ozone levels are highest during the summer months, it is important to evaluate NO_x and VOC emission reductions during that time period. EPA com-

Figure 5:
Annual Emissions in the Eastern United States, 1990-1995 and 1997-2004



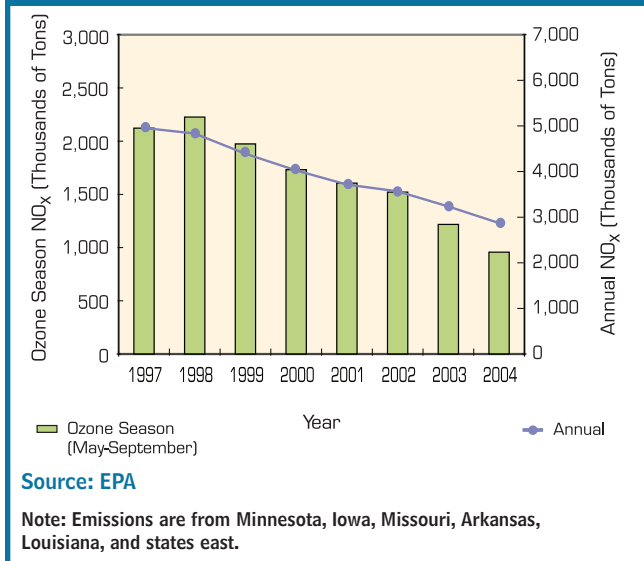
Source: EPA

Notes:

- Emissions are from Minnesota, Iowa, Missouri, Arkansas, Louisiana, and states east.
- The emissions data used in this report are measured or estimated values from EPA's National Emissions Inventory (NEI). Starting in 1997, the NEI incorporated power industry data measured by the Continuous Emissions Monitoring System (CEMS). For 2002, the preliminary version of the NEI was used, which includes the 2002 CEMS data, but does not include 2002 data for other sources submitted by state, local, and tribal air agencies. For this analysis, EPA used CEMS data for the power industry for 2003 and 2004. Emissions for other sources for that period were estimated by interpolating between the 2002 preliminary NEI data and a projected 2010 emission inventory developed to support the Clean Air Interstate Rule.
- 1996 is not represented in the graphs because there was a change in the method used to collect and estimate emissions, particularly for NO_x emissions from stationary sources such as the power industry.

pared annual and ozone season emission trends for all NO_x and VOC sources from 1997 through 2004. For all emission categories, except power industry NO_x, the ozone season trend is similar to the annual trend. Figure 6 shows a comparison of annual and ozone season NO_x emissions from the power industry. From 1997 to 2002, the trend in ozone season emissions is similar to the annual trend. However, in 2003 and 2004, ozone season NO_x emissions show a greater reduction. These larger

**Figure 6:
Power Industry NO_x Emissions in the
Eastern United States, Annual
and Ozone Season, 1997–2004**



reductions are attributable to NO_x SIP Call controls which were applied in the summers of 2003 and 2004. (For details about the types of controls used, see Chapter 4, Compliance and Market Activity, page 23.)

Focus on the NO_x SIP Call: Emissions under the NO_x Budget Trading Program

This section assesses progress under the NO_x Budget Trading Program (NBP) by comparing NO_x emission levels in 2004 (the second year of the NBP) to levels in 1990, 2000 (baseline years), and 2003. Therefore, these results include emissions from affected sources in states included in the NO_x SIP Call in 2004 (see figure 3).²

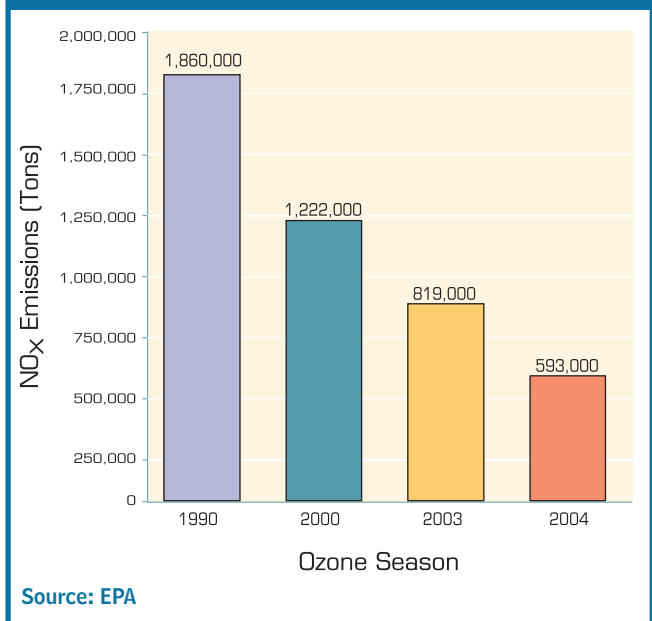
In 2003, all affected sources in the NBP region conducted ozone season emissions monitoring, but only the states previously in the OTC NO_x Budget Program were subject to the emission reduction requirements of the program.³ All sources subject to the NO_x SIP Call in 2004 were required to have enough allowances to cover emissions

during the 2004 ozone season. Sources in the OTC states were required to comply for the full ozone season (May 1 to September 30) in 2004. The compliance period did not begin until May 31 in the non-OTC states.

Ozone Season Emission Reductions Across the Region

Figure 7 shows the total ozone season NO_x emissions for the NBP region in 2004 compared to 1990, 2000, and 2003. In 2004, NBP sources emitted about 593,000 tons of NO_x, reducing emissions by nearly 30 percent from 2003, 50 percent from 2000, and nearly 70 percent from 1990. Many of the NO_x reductions since 1990 are a result of programs implemented under the Clean Air Act such as the Acid Rain NO_x Reduction Program, and other state, local, and federal programs. The significant decrease in NO_x emissions after 2000 reflects additional reductions that show the impacts of the NO_x SIP Call.

**Figure 7:
Ozone Season Emissions under the
NO_x Budget Trading Program**



² For further information on estimating baseline emissions, refer to the NO_x Budget Trading Program 2003 Progress Report at www.epa.gov/airmarkets/fednox

³ In 2003, North Carolina sources were not required to monitor, although many sources did so voluntarily. The lack of 2003 data for certain North Carolina sources has a negligible effect on the results in this report.

Emission Reductions in the OTC and Non-OTC States

In light of the different control periods in 2004, it is useful to look at total NBP emissions as well as a breakdown of emissions by the two groups of states (OTC and non-OTC states). States that began compliance for the first time in 2004 (non-OTC states) received compliance supplement pool (CSP) allowances. Figure 8 presents the sum of the 2004 trading budgets (OTC states) and the trading budget with CSP allowances (non-OTC states). The budgets also reflect some allowances provided to opt-in⁴ units in New York, Ohio, and West Virginia. For a more thorough description of trading budgets and allowance allocations, see page 6.

As Figure 8 shows, the CSP allowances increase the trading budget significantly in the non-OTC states. The trading budget levels for the OTC states show no difference, because the OTC states received all of their CSP allowances in 2003. Figure 8 also presents the 2004 ozone season results both for the full ozone season (OTC states) and the shortened control period for the non-OTC states.

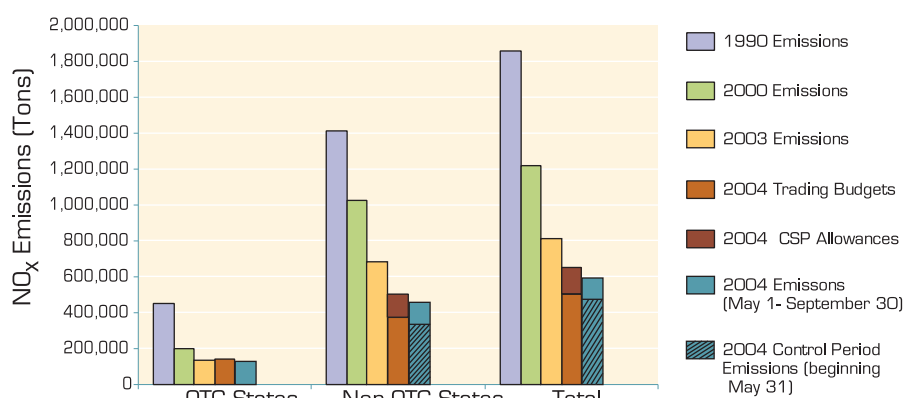
During the OTC NO_x Budget Program, emissions were less than allocated allowances in every year of the program (1999 to 2002). That trend has continued under the NBP in both 2003 and 2004. In 2004, ozone season NO_x emissions in the OTC states were approximately 132,000 tons, about 10 percent less than the sum of the 2004 trading budget for those states, and more than 30 percent less than their 2002 emissions.

Baseline Years for Measuring Progress Under the NO_x Budget Trading Program

One measure of progress under the NBP is whether emissions under the program meet the emission budgets established for the states. Also, it is helpful to understand how emissions under the program compare to emissions prior to the program. EPA has chosen two baseline years for measuring progress under the NBP:

- 1990, which represents emission levels before the implementation of the 1990 Clean Air Act Amendments.
- 2000, because most of the reductions required under the 1990 Clean Air Act Amendments had already occurred by this time, but sources were not yet implementing the NBP.

Figure 8:
NO_x Budget Trading Program: 1990, 2000, 2003, and 2004 Ozone Season Emissions, and the 2004 Trading Budgets

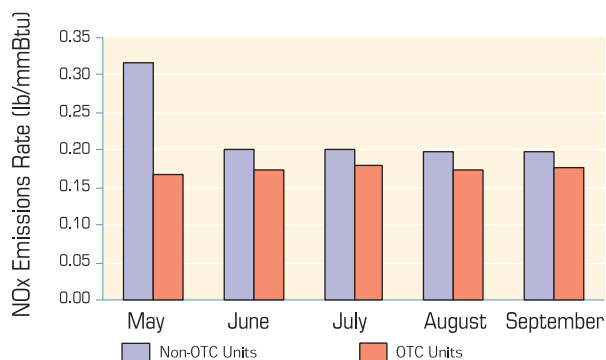


Source: EPA

Note: 2004 allowances include 2004 Trading Budgets and 2004 Compliance Supplement Pool (CSP) allowances.

⁴ An opt-in unit is a unit not covered by the applicability provisions of a program that requests to voluntarily enter the program and, because it meets specific program requirements (e.g., continuous emission monitoring capability), is approved to participate.

**Figure 9:
Comparison of Average Monthly NO_x
Emission Rates, OTC and Non-OTC
States, 2004**



Source: EPA

Note: Average monthly emission rates are based on total reported NO_x mass emissions and heat input for each applicable month for all participating units.

EPA anticipated that the states outside the OTC region would achieve only modest reductions in 2004, because of the shorter control period and the CSP allowances distributed that year. However, the sum of emissions in these states for the full ozone season were more than 30 percent below 2003 levels. In addition, emissions for the 2004 control period (May 31 to September 30) were below the sum of their 2004 trading budgets (the budgets without CSP allowances).

Figure 9 shows that, on average, the non-OTC states reduced their NO_x emission rates to nearly the same level as the OTC states. Their average emissions rate in May (prior to the control period) was considerably higher. These results indicate that the non-OTC states made significant progress toward installing adequate controls to meet their trading budget levels in 2005.

Emission Reductions from Industrial Sources

Collectively, affected NBP industrial units reduced emissions approximately 25 percent from 2003 to 2004, despite the shorter 2004 control period. Emissions from

these sources in the full 2004 ozone season were about 40,000 tons, compared to 53,000 tons for the same period in 2003.

Although industrial units have achieved reductions, they are much less likely than electric generating units to use add-on control devices, such as selective catalytic reduction (SCR). As a result, these units tended to have higher ozone season NO_x emission rates in 2004 than the full population of affected units (about 0.25 lb per mmBtu compared to 0.21 lb per mmBtu). However, the 2004 average ozone season NO_x emissions rate (0.25 lb per mmBtu) among industrial units decreased from the 2003 rate of approximately 0.38 lb per mmBtu.

Emission Reductions at the State Level

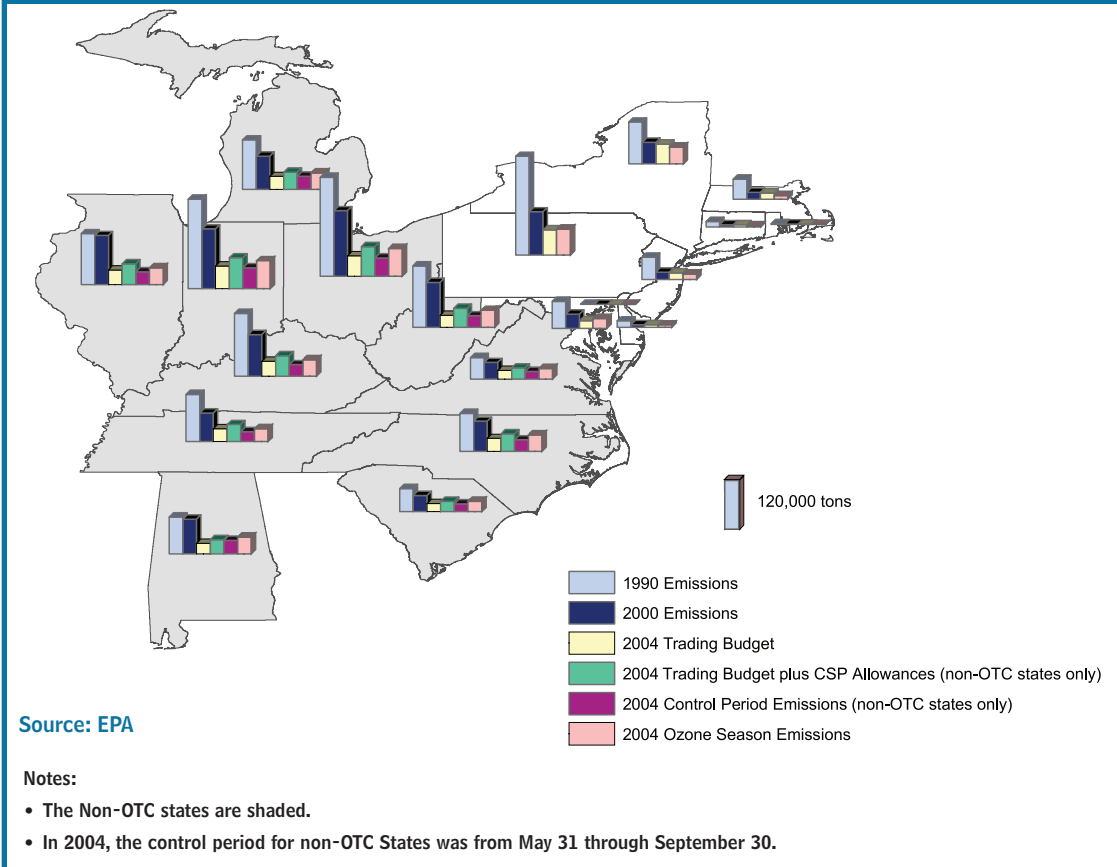
Two non-OTC states—Alabama and Michigan—had control period emissions that exceeded their trading budgets in 2004. However, all non-OTC states had 2004 control period emissions below their 2004 trading budgets when CSP allowances were included (see Figure 10).

Although the ozone season emissions in most of the individual OTC states were below their trading budgets in 2004 (see Figure 10), emissions in Pennsylvania and Maryland were higher. For Pennsylvania (emissions exceeded allocations by 1,300 tons), the amount reflects about 3 percent of the state's total budget. This type of variability can be expected in a regional trading program and can reflect a number of different factors, including company-specific compliance decisions.

Emissions in Maryland exceeded allocations by 4,500 tons (about 30 percent greater than budget levels) and increased slightly from 2003 to 2004. These results indicate a clear decision to purchase a significant number of allowances in 2004 as opposed to controlling emissions close to budget levels. In future years, the situation in Maryland likely will change as the result of a federal consent decree.⁵

⁵ By 2008, under a federal consent decree, one of the companies with affected units in Maryland will be required to cap emissions from three Maryland plants and one Virginia plant to 6,000 tons per ozone season. The three Maryland plants alone emitted more than 13,000 tons in the 2004 ozone season. The emissions cap in this consent decree should reduce emissions from existing plants in Maryland well below budget levels.

**Figure 10:
Ozone Season NO_x Emissions: 1990, 2000, and 2004 Emissions
and Trading Budgets**

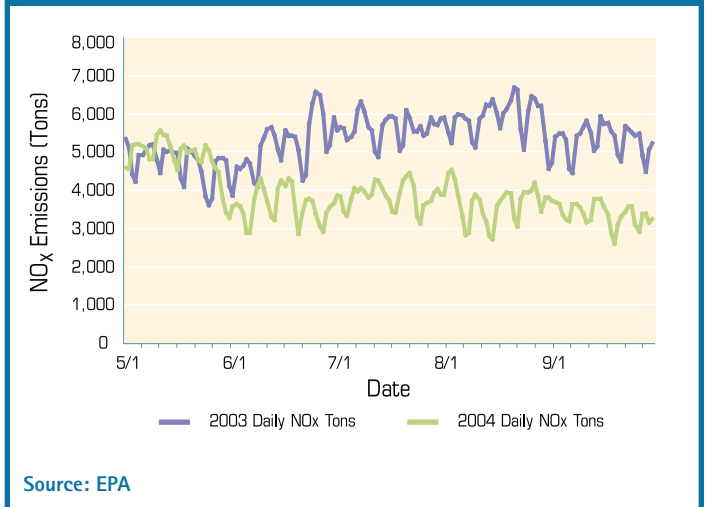


Daily Emission Trends

Studies indicate that many of the health effects associated with ozone are linked to daily exposures. The 8-hour ozone standard was developed to protect against such exposures. Although the NBP ensures significant regional NO_x reductions throughout the course of the ozone season, there have been concerns that a seasonal cap would not sufficiently reduce short-term, peak NO_x emissions that can occur on hot, high electricity demand days when ozone formation is often a concern.

Figure 11 compares daily NO_x emissions for 2003 versus 2004 for the NBP region. The results show that the NBP significantly reduced both the average and highest daily emission levels. Average emissions during the control period in 2004 (May 31 to September 30), decreased nearly 35 percent from the same period in 2003. The highest daily emissions in the 2004 control

**Figure 11:
Daily Emissions Under the NO_x Budget
Trading Program, 2003 and 2004**



period were more than 30 percent lower than the highest daily emissions during the same period in 2003.

The NBP has had a significant impact on daily emissions (see Figure 11). The highest total daily emissions in 2004 rarely exceeded the lowest total daily emissions in 2003 except from May 1 to May 30, when the 2004 control period was not in effect for non-OTC states. These results show that, while reducing total emissions in 2004, the trading program also reduced peak daily emission levels.

Ozone Season Emission Reductions from All Sources

In response to the NO_x SIP Call, the power industry dramatically reduced ozone season NO_x emissions after 2002. Other major NO_x and VOC source categories do not show this significant drop in emissions.

As Figure 12 shows, ozone season NO_x emissions from the power industry dropped 6 percent per ozone season, on average, from 1997 to 2002. Reductions were much greater after 2002—an average of 19 percent per ozone season from 2002 to 2004. Onroad mobile and other categories show continuing NO_x emission reductions;

however, those reductions are not as dramatic after 2002 as the reductions from power industry sources.

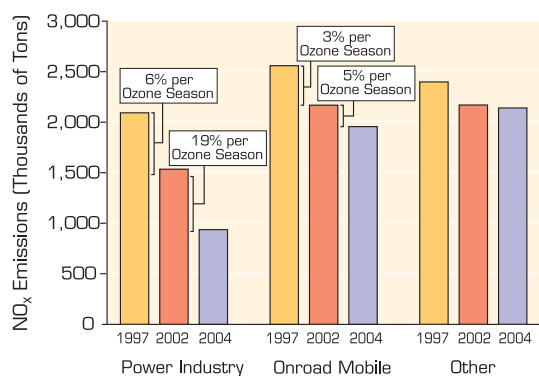
Similarly, VOC emissions dropped somewhat between 1997 and 2002, but there were few additional reductions after 2002 (Figure 13). VOC emissions from onroad mobile sources, for example, dropped an average of 5 percent per ozone season for both time periods.

Location of Largest Emission Reductions

Knowing the location of NO_x and VOC emission reductions also helps EPA understand the effectiveness of emission control programs. Figure 14 shows ozone season NO_x emission reductions between 1997 and 2004. The largest reductions occurred in the central portion of the eastern United States.

Within this region, Illinois, Kentucky, North Carolina, Ohio, Pennsylvania, and Tennessee each experienced NO_x emission reductions greater than 110,000 tons. Following close behind were Alabama, Indiana, Michigan, New York, and West Virginia—all of which had reductions greater than 73,000 tons.

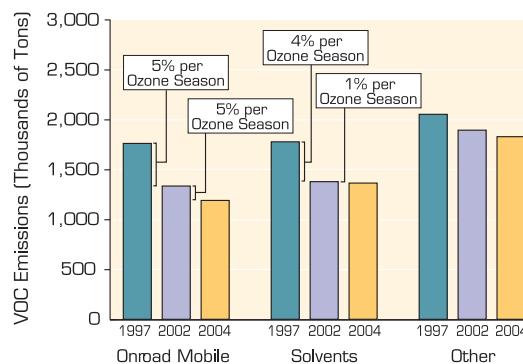
Figure 12:
Ozone Season NO_x Emissions in the Eastern United States by Category, 1997, 2002, 2004



Source: EPA

Note: Other includes emissions from nonroad, industrial processes, and small power industry sources.

Figure 13:
Ozone Season VOC Emissions in the Eastern United States by Category, 1997, 2002, 2004



Source: EPA

Note: Other includes emissions from nonroad, power industry, and nonsolvent industrial processes.

Figure 15 shows the location of ozone season NO_x reductions for the power industry and onroad mobile sources. Overall, power industry sources accounted for larger NO_x emission reductions than did onroad mobile sources. Note the following:

- States along the Ohio River Valley from Pennsylvania to Tennessee generally experienced the largest reductions in power industry NO_x emissions. Emissions dropped the most in Ohio (153,000 tons), Illinois (111,000 tons), and Kentucky (104,000 tons). Pennsylvania achieved similar reductions by implementing control measures prior to 1997.
- Emission reductions from onroad mobile sources were smaller than from the power industry and occurred primarily in states with large urban areas.
- No state realized reductions greater than 42,000 tons from onroad mobile sources.

Figure 14:
Ozone Season NO_x Emissions Reduced,
1997 vs. 2004

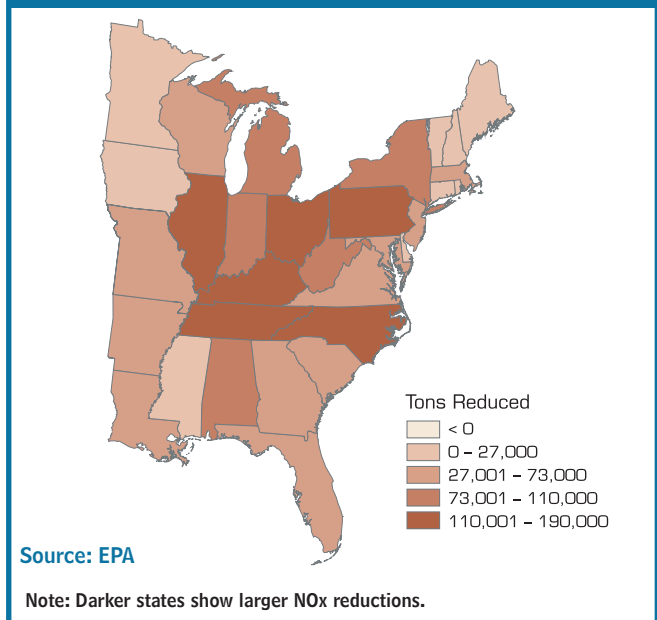


Figure 15:
Ozone Season NO_x Emissions Reduced, Power Industry
and Mobile Sources, 1997 vs. 2004

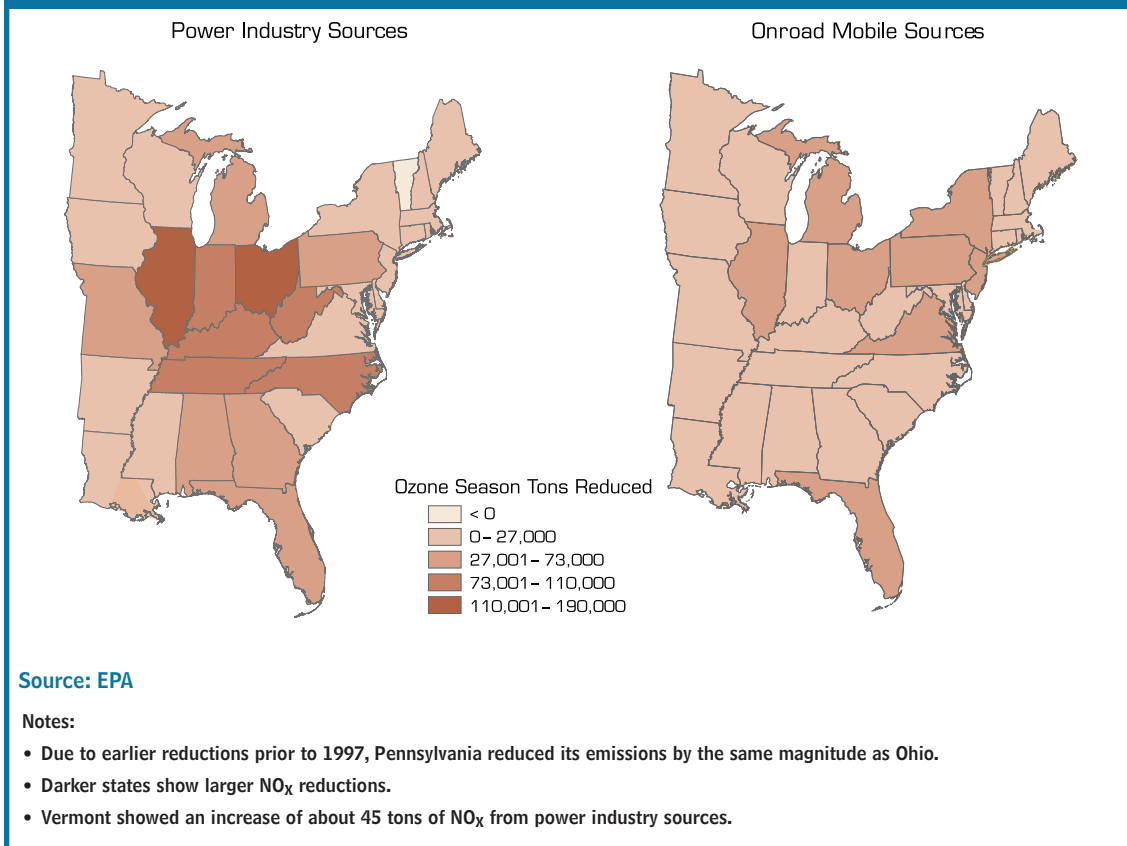
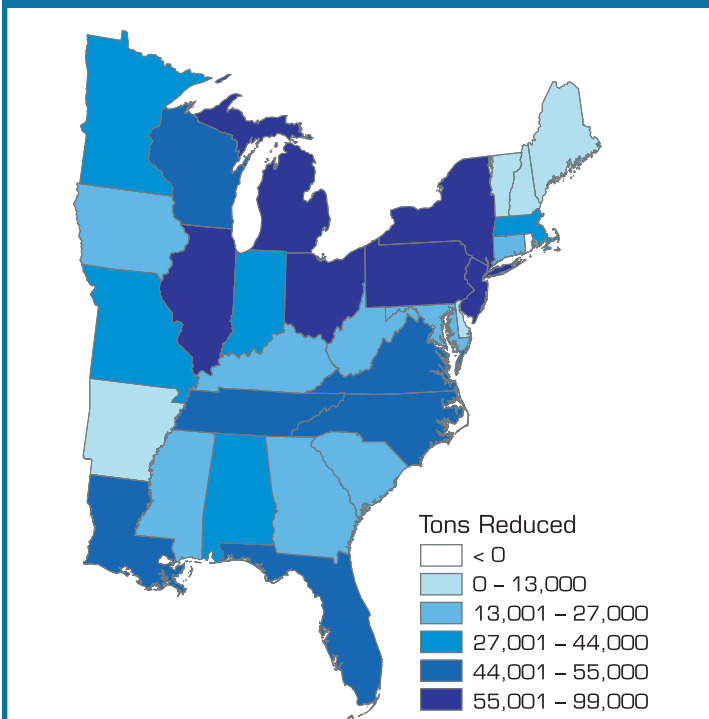


Figure 16 shows where reductions in ozone season VOC emissions occurred between 1997 and 2004. Reductions in VOC emissions were neither as large (in tons) as reductions in NO_x emissions between the two years, nor were they concentrated in the same states (see Figure 14). The largest reductions occurred in New York (99,000 tons), Illinois (97,000 tons), and Ohio (88,000 tons).

**Figure 16:
Ozone Season VOC Emissions Reduced,
1997 vs. 2004**



Source: EPA

Notes:

- Rhode Island showed an increase of about 872 tons.
- Figure does not include emissions from natural sources.
- Darker states show larger VOC reductions.

Natural Sources of VOCs

Emissions generated by human activity account for only a portion of total VOC emissions. VOCs also come from trees and other vegetation.

In many parts of the world, VOC emissions from natural sources are larger than manmade VOC emissions. In the eastern United States, for example, nearly 60 percent of the total 2001 ozone season VOC emissions came from natural sources.

VOC emissions from natural sources are higher on warm sunny days, which also provide the best conditions for ozone formation. While VOCs from natural sources do contribute to ground-level ozone formation, it is difficult to assess the impact changes these emissions have on ozone concentrations.

EPA did not analyze VOC emissions from natural sources for this report, as the amount of data available was too limited. As more data become available in the future, EPA will analyze the effects of natural VOC emissions on ozone formation.

Chapter 3: Control Program Effectiveness: Changes in Ozone

To better understand how major control programs affect ozone, EPA looked at overall changes since 1997, and then focused on ozone improvements after 2002 (after implementation of the NO_x SIP Call). These analyses also consider the impact of weather, because variations in weather conditions play an important role in determining ozone levels. This chapter examines the results of these analyses in relation to the original NO_x SIP Call program design by comparing the anticipated changes in emissions and ozone to actual changes.

General Trends: Changes in Ozone Concentrations since 1997

Like NO_x and VOC emissions, ozone concentrations in urban and rural areas have decreased between 1997 and 2004 in response to control programs. Figure 18 shows the percent reductions (adjusted for weather conditions) in seasonal ozone. Seasonal ozone was calculated as the average of daily maximum 8-hour ozone concentrations from May 1 through September 30. Ozone reductions

Ozone Monitoring Networks

For this report, EPA assembled data for 29 urban areas from the Air Quality System (AQS) and 34 rural sites from the Clean Air Status and Trends Network (CASTNET) to provide a more complete picture of the nation's air quality than would be otherwise possible. Sufficient ambient and meteorological data for these sites were available to perform detailed analyses of air quality changes over time.

Air Quality System (AQS)

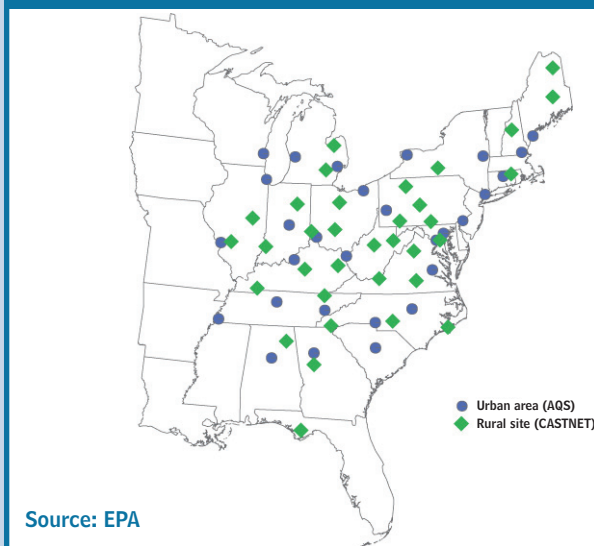
AQS is EPA's repository for state and local data from monitoring networks specifically designed to assess air quality trends and to support regulatory programs, such as nonattainment area designations and development of State Implementation Plans. These networks include the State and Local Air Monitoring Stations (SLAMS) and National Air Monitoring Stations (NAMS). There are more than 700 SLAMS/NAMS monitoring sites in the eastern United States. For more information, see <www.epa.gov/ttn/airs/airsaq>.

Clean Air Status and Trends Network (CASTNET)

CASTNET is a national network of rural monitoring sites, with more than 50 sites in the eastern United States. EPA established the network primarily to provide data needed

to track and evaluate national and regional air pollution control programs. These data provide information necessary to study and investigate the effects of atmospheric pollution on sensitive ecosystems, particularly those effects caused by long-range transport of emissions from regional sources. Data gathered from the network are compiled in a central database and made available on EPA's CASTNET Web site at <www.epa.gov/castnet>.

Urban and Rural Locations



Note: Urban areas represent multiple monitoring sites. Rural areas represent single monitoring sites.

were greater than 10 percent across a broad geographic region; the average reduction was 14 percent.

Role of Meteorology

Variations in weather conditions play an important role in determining ozone levels. Daily temperature, relative humidity, and wind speed can affect ozone levels. In general, warm dry weather is more conducive to ozone formation than cool wet weather. EPA uses a statistical model to account for the impact of weather on ozone concentrations. Because weather varies over space and time, this adjustment provides a better estimate of the underlying ozone trend and the impact of emission changes (see “Meteorology Matters” on page 17).

To illustrate the overall impact of weather on ozone levels in outdoor air, EPA compared changes in ozone before and after adjusting for weather, as Figures 17 and 18 show. Adjusting for weather made only a small difference (1 percent) in overall ozone change in the eastern United States—an average reduction of 13 percent before adjustment, compared to 14 percent after adjust-

ment. Some states showed notable differences. For example, adjusting for weather at sites in North Carolina, Virginia, and eastern Tennessee resulted in significantly smaller reductions, while adjustments in Ohio, Pennsylvania, and West Virginia showed larger ozone reductions.

Focus on the NO_x SIP Call: Changes in Ozone

EPA examined geographic patterns and ozone behavior before and after the NO_x SIP Call, and then compared EPA’s projections to what actually occurred.

To analyze ozone changes, EPA selected two baseline years—1997 and 2002. These two years were selected to coincide with the period of NO_x reductions attributable to the Acid Rain Program and the OTC NO_x Budget Program (1997 through 2002) and the implementation of the NO_x SIP Call (2002 through 2004).

Ozone improvements were larger after implementation of the NO_x SIP Call. The average reduction in ozone

Figure 17:
Percent Reduction in Seasonal 8-Hour Ozone, 1997 vs. 2004 (Not Adjusted for Meteorology)

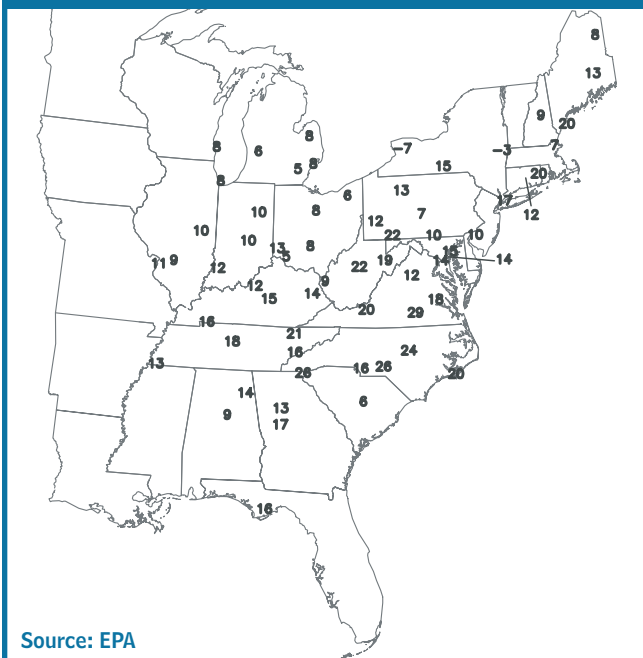
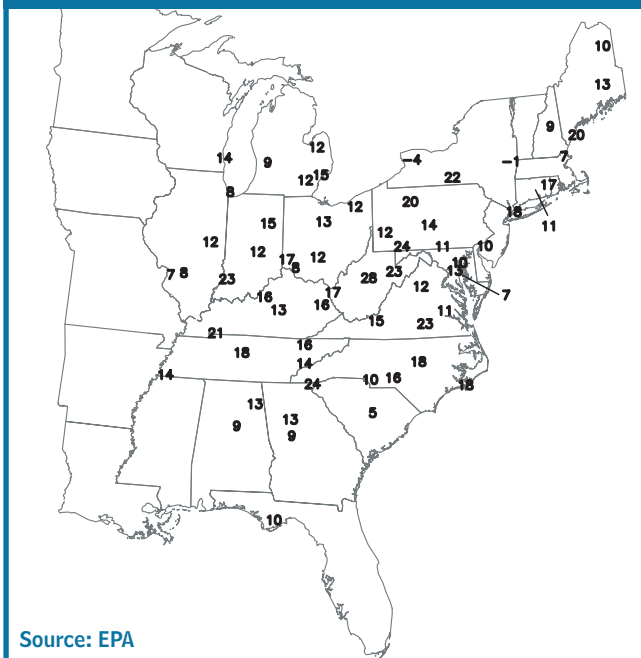


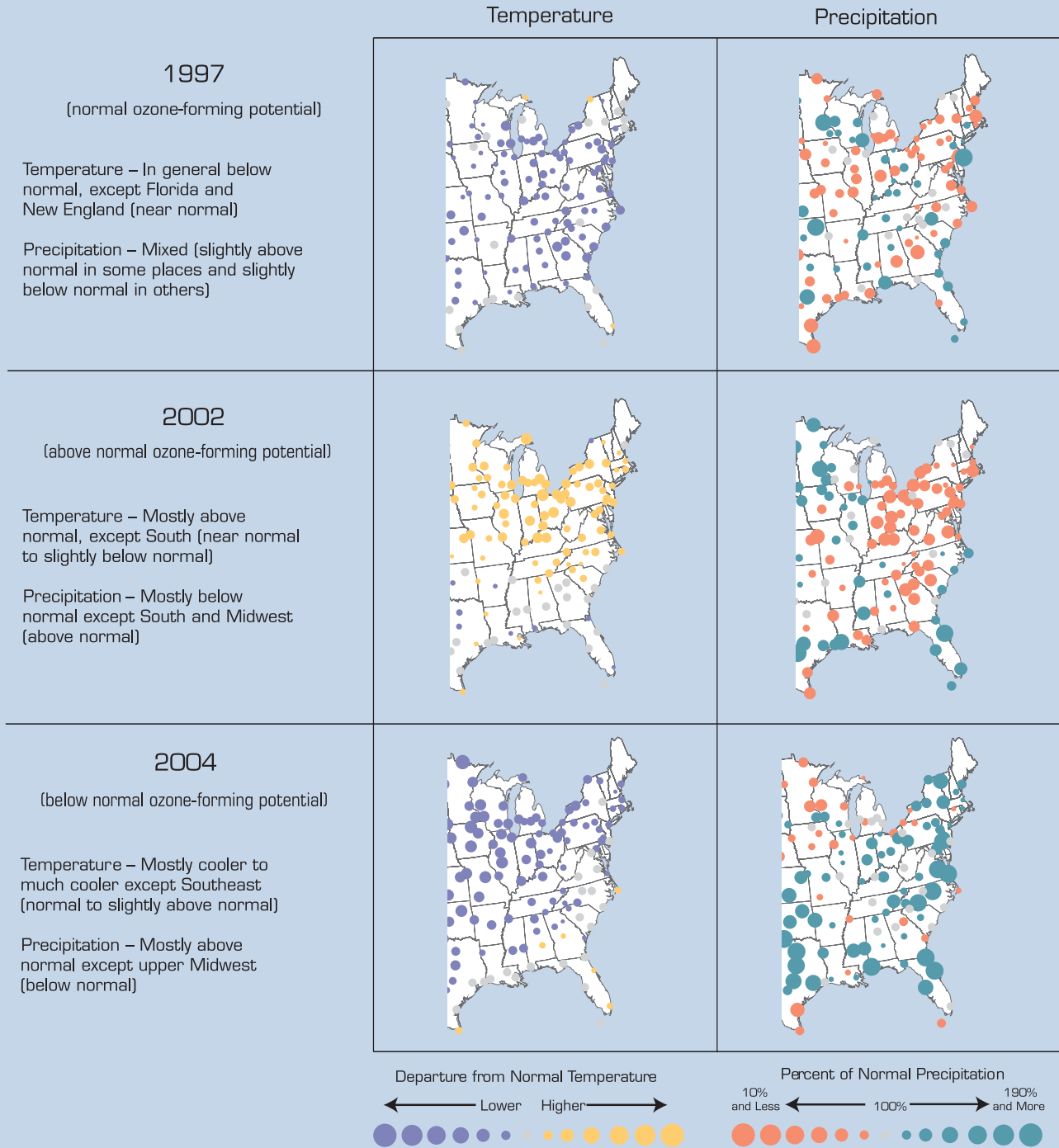
Figure 18:
Percent Reduction in Seasonal 8-Hour Ozone, 1997 vs. 2004 (Adjusted for Meteorology)



Meteorology Matters

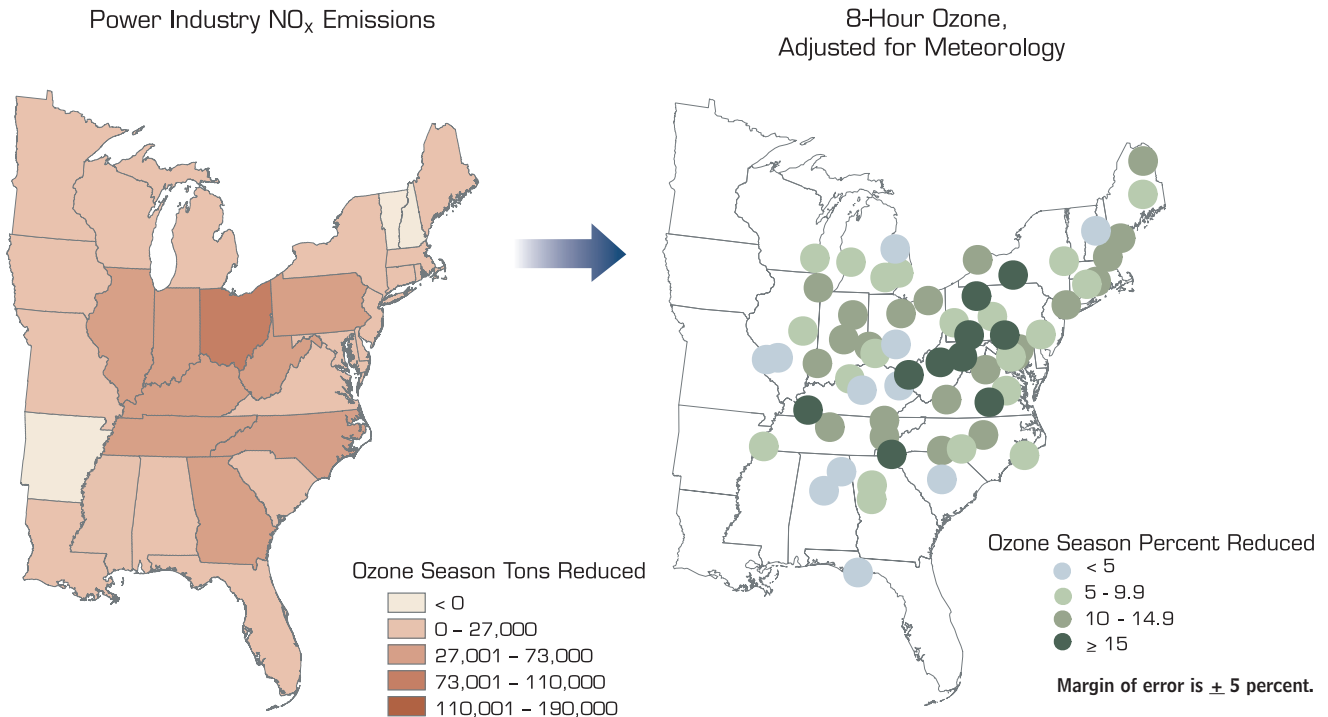
Meteorology plays a major role in both the formation and transport of ozone. For example, the photochemical reactions that transform emissions of NO_x and VOCs into ozone are complex and require warm temperatures and dry conditions. These graphics illustrate how the summers of 1997, 2002, and 2004 compare with historical records (a 30-year average using data from 1971 to 2000) for temperature and precipitation in the eastern United States.

Note: Meteorology can vary significantly from one site to the next.



Sources: National Oceanic and Atmospheric Administration (NOAA), EPA

Figure 21:
Reductions in Ozone Season Power Industry NO_x Emissions and 8-Hour Ozone, 2002 vs. 2004



Source: EPA

Notes:

- Darker states show larger NO_x reductions.
- Arkansas (268 tons), New Hampshire (611 tons), and Vermont (16 tons) show small increases in ozone season emissions from 2002 to 2004.

Comparison of Power Industry NO_x Emission Reductions and Ozone Changes

Figure 21 shows the relationship between reductions in power industry NO_x emissions and reductions in ozone after implementation of the NO_x SIP Call. Generally, there is a strong association between areas with the greatest NO_x emission reductions (such as the Midwest) and downwind sites exhibiting the greatest improvement in ozone. This suggests that the effect of NO_x transport has been reduced in the eastern United States. While this report does not attribute all ozone reductions after 2002 to the NO_x SIP Call, it does show that the NO_x SIP Call played a major role in reducing ozone concentrations.

Trends in Ambient NO_x Concentrations

Ambient concentrations of NO_x gases have fallen as NO_x emissions have declined. EPA examined data from both urban and rural monitoring sites, looking at NO_x from air quality monitors in the AQS network and total nitrate measurements from CASTNET sites. The results indicate that ambient concentrations of ozone-forming gases and total particulate nitrates have decreased over the past seven years, further evidence that NO_x emissions have been reduced.

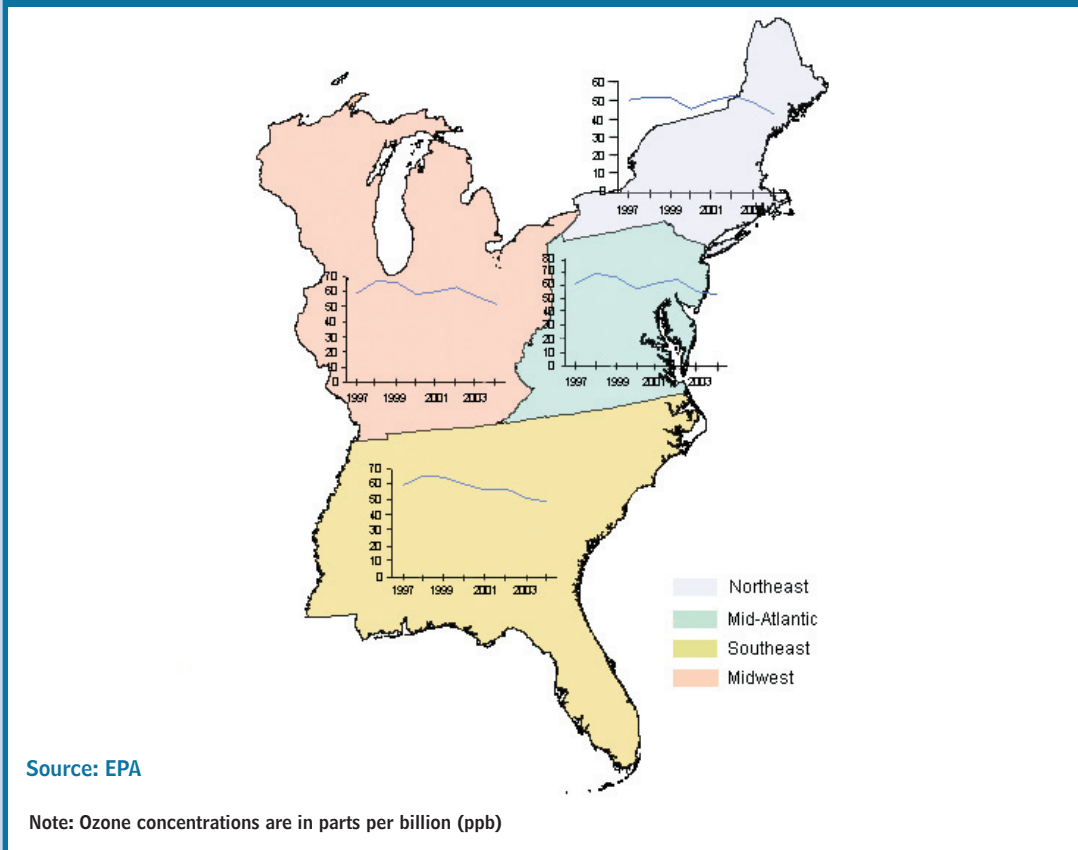
Ozone Reduction in Rural Areas Shows Regional Improvements

The primary goal of the NO_x SIP Call is to reduce regional transport of ozone across state boundaries by reducing NO_x. EPA's Clean Air Status and Trends Network (CASTNET) provides long-term data on ozone air quality at more than 50 monitoring sites in rural areas across the eastern United States. The monitoring information collected at rural sites is a good indicator of background ozone concentrations, because rural areas are not as influenced by local emissions sources. The rural network is particularly relevant to assessing progress under the NO_x SIP Call, because it represents levels of ozone and precursor gases that are being transported from one area to another.

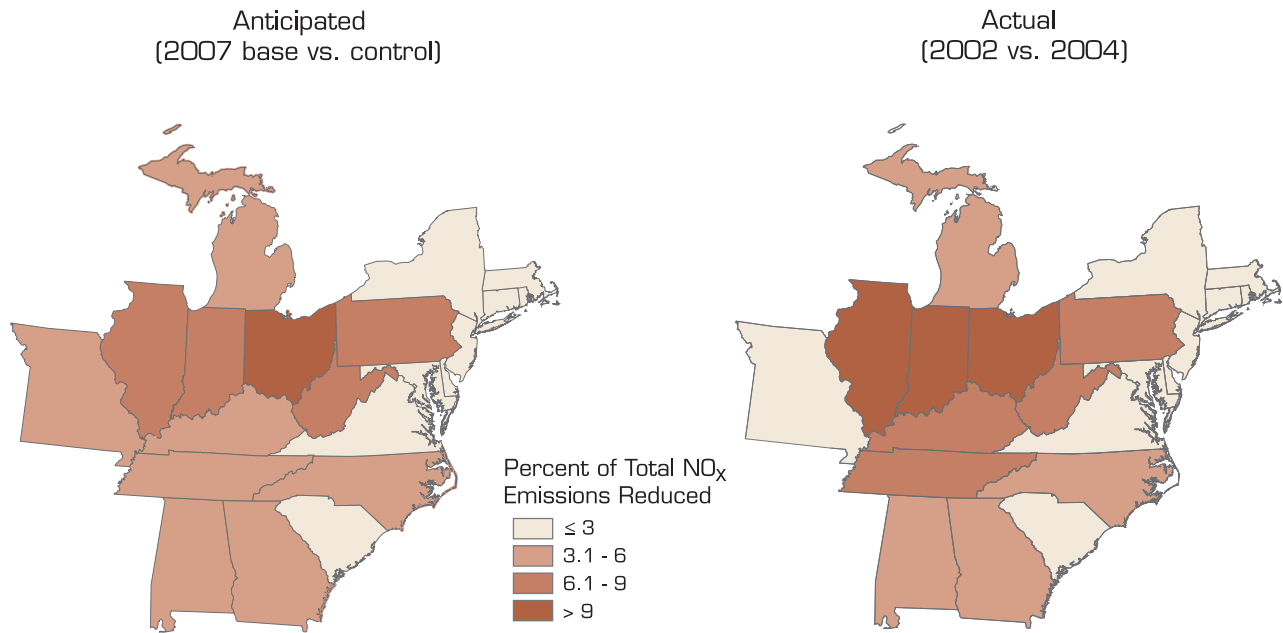
Due to changing weather conditions, air quality trends often show high year to year variability over time. Some of this variability can be overcome through the use of consistent and continuous long-term monitoring data. The results presented here show the variability over time in actual observed ozone concentrations at rural sites on a regional level.

The figure below shows a gradual decline in seasonal average 8-hour daily maximum ozone levels from 1997 to 2004 for all four eastern regions. The largest improvements occurred after 1998 and again after 2002. The downward trend is especially evident in the Southeast, which has experienced a steady decline in ozone in rural areas since 1998. These results have not been adjusted for weather; however, the overall downward trend is consistent with trends that have been adjusted for the influences of weather.

Rural Seasonal Average 8-hour Daily Maximum Ozone by Region, 1997-2004



**Figure 22:
Ozone Season Power Industry NO_x Emissions Reduced, Anticipated and Actual**



Source: EPA

Notes:

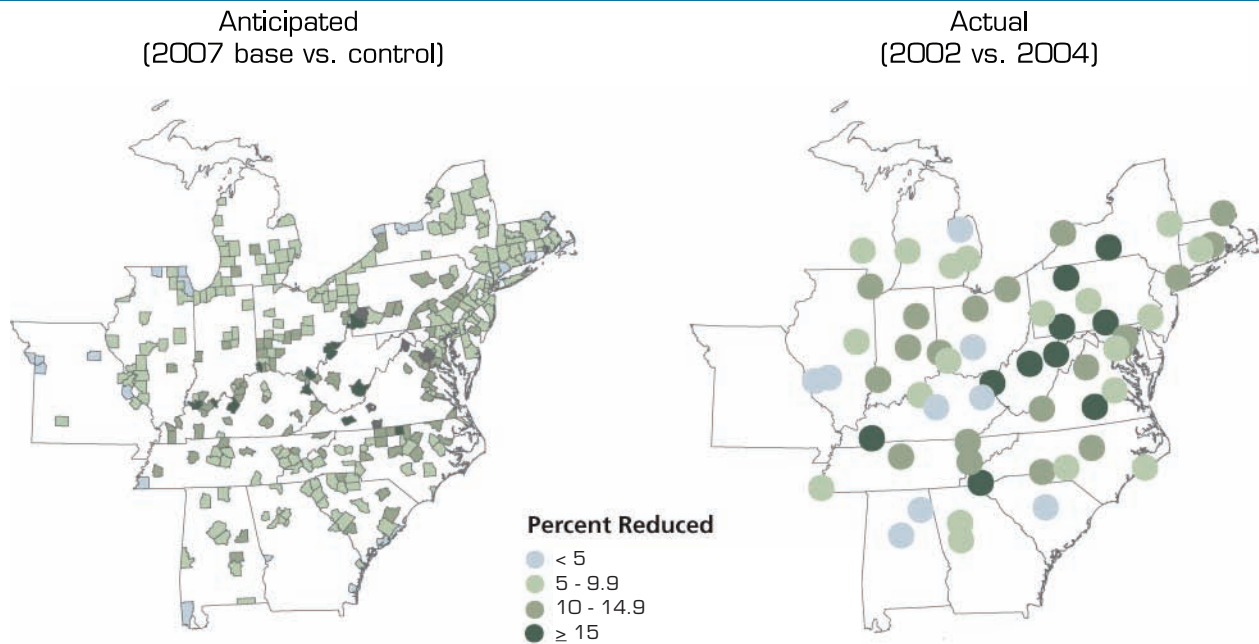
- Darker states show larger NO_x reductions.
- Percent of total NO_x emissions reduced is an individual state's emissions reduced, divided by total reductions across all states (in tons).
- Anticipated results are the estimated difference in power industry emissions between the 2007 base case and 2007 with the NO_x SIP Call for the days modeled, which represent the ozone season.
- Actual results are the difference in state total ozone season power industry emissions between 2002 and 2004, as reported to EPA.

Comparison of NO_x SIP Call Results to Program Design

EPA uses air quality models to help predict the impacts of new or proposed programs (see “Estimating the Impact of Proposed Control Programs” on page 22). For the NO_x SIP Call, EPA used models to estimate changes in NO_x emissions and their effects on ozone levels. Figure 22 shows the state-by-state percentage of total NO_x emission reductions anticipated from the NO_x SIP Call and the actual reductions achieved by the power industry between 2002 and 2004. Because the majority of the states subject to the NO_x SIP Call were required to meet their emission caps by 2004, EPA expects few additional reductions after 2004 as the compliance supplement pool is used up, and in response to growth in fossil fuel generation to meet increasing electric demand.

Figure 22 shows that actual NO_x emission reductions occurred where anticipated. The largest reductions took place in states along the Ohio River Valley. States are color-coded based on the percent of total emissions reduced, which is calculated as an individual state's emission reductions, divided by total reductions across all states (in tons). Anticipated reductions are based on tons reduced across days modeled, which represent the ozone season. Actual reductions are based on tons reduced across ozone season days.

**Figure 23:
Percent Reductions in Seasonal 8-Hour Ozone, Anticipated and Actual**



Source: EPA

Notes:

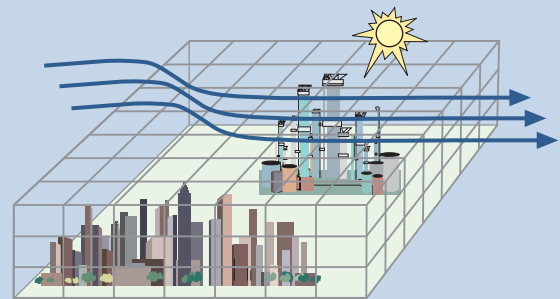
- EPA used projections of 2007 emissions—both with and without the NO_x SIP Call—to evaluate the rule’s impact on ozone concentrations. Although EPA’s modeling used 2007 as a base year, the regulation required the majority of these reductions to be implemented prior to May 31, 2004 (in all affected states, except portions of Missouri and Georgia).
- For this report, EPA compared model-predicted changes in seasonal average 8-hour ozone to actual ambient changes, before and after the NO_x SIP Call.

Similarly, Figure 23 illustrates where ozone reductions were anticipated and where actual ozone reductions were achieved. Both maps use average daily maximum 8-hour ozone concentrations. Anticipated improvements are based on model predictions, and actual improvements are based on measurements taken during

the ozone season. As with NO_x emissions, the anticipated and actual changes in ozone generally are similar (e.g., both show largest reductions along the Ohio River Valley), indicating that the NO_x SIP Call appears to have achieved its goal of reducing ozone in the eastern United States.

Estimating the Impact of Proposed Control Programs

EPA uses air quality models to predict how emissions from a specific source or combination of sources will contribute to ozone concentrations at downwind sites. Using estimates of hourly emissions and meteorology, these models simulate the physical and chemical processes that contribute to ozone formation and transport. These models allow EPA to test hypotheses about how ozone levels will respond to reductions in VOC and NO_x emissions resulting from an individual control program or combination of control programs.



Photochemical grid models simulate atmospheric chemistry and transport throughout the geographic area of interest.

Chapter 4: NO_x Budget Trading Program Compliance, Market Activity, and Banking

A review of the second year of cap and trade under the NO_x Budget Trading Program (NBP) shows that the market continues to mature. In 2004, for the first time, a substantial number of sources in 11 states began to comply with the emission reduction requirements under the program. Many of these sources had to make significant reductions to achieve compliance, and the market appears to have played a significant role as participants determined what control strategies to pursue and on what timetable. At the same time, a number of units added controls to meet emission reduction requirements in the non-OTC states between the end of the 2003 and the beginning of the 2004 ozone season.

This chapter examines compliance under the NBP in 2004 and examines trends in this maturing market, including those in allowance pricing and transactions. It also addresses how the high level of banking in 2004 will affect future restrictions on the use of banked allowances for compliance. In addition, this chapter reviews the monitoring and control methods employed by sources to meet program requirements.

2004 Compliance Results

Under the NBP, sources must hold sufficient allowances to cover their ozone season emissions each year. Sources can maintain the allowances in compliance accounts (established for each unit) or in an overdraft account (established for each facility with more than one unit). The overdraft account allows greater flexibility in “bubbling” between units, managing banked allowances from previous years, managing transferred allowances from other sites, and managing allowances purchased from other NBP participants. The sources have a two-month



window after the end of the control period to move allowances between accounts (and to buy or sell additional allowances) to ensure their emissions do not exceed allowances held. After the two-month period, allowances may not be transferred into or out of these accounts while EPA reconciles emissions with allowance holdings for program compliance.

Nearly all of the NBP sources that participated in 2004—both electric generating units and industrial units—held sufficient allowances to cover their emissions at the time.

EPA performed reconciliation and identified a single facility with two units that had an allowance deficiency of nine allowances. In cases where the source does not hold enough allowances to cover its emissions, the program requires an automatic penalty deduction (three allowances for each excess ton of emissions) from the

source's allocations for the next control period. Table 2 summarizes the allowance reconciliation process for 2004.

NO_x Allowance Trading in 2004

Allowance trading generally comprises three main types of transfers:

1. Transfers within a company or between related entities (e.g., holding company transfers to a small operating subsidiary).
2. Transfers between separate economic entities. These transfers are categorized broadly as “economically significant trades.”
3. Transfers from or to the state as allowance allocations or allowance surrenders.

In 2004, economically significant trades represented approximately 40 percent of the total transfers between entities other than a state. The economically significant trades provide the strongest indicator of true market activity, because they represent an actual exchange of assets between unaffiliated participants.

There were more than 230,000 allowances involved in economically significant trades in 2004, slightly lower than in 2003. However, overall trading activity remained robust. As in the earlier OTC trading program, industrial sources have actively traded allowances. These sources traded more than in 2003 and participated in approximately 13 percent of the economically significant trade volume.

**Table 2:
NO_x Allowance Reconciliation Summary—2004**

Total Allowances Held for Reconciliation	676,574
Allowances Held in Compliance and Overdraft Accounts	609,249
Allowances Held in Other Accounts*	67,325
Allowances Deducted for 2004 Emissions	468,824
Termination of 2003 Early Reduction Credit (or Compliance Supplement Pool) Allowances**	125
Banked Allowances	207,625
Allowances Held in Compliance and Overdraft Accounts	133,857
Allowances Held in Other Accounts***	73,768
Penalty Allowances Deducted**** (from future year allowances)	27

Source: EPA

* Other Accounts refers to general accounts in the NO_x Allowance Tracking System (NATS) that can be held by any source, individual, or other organization, as well as state accounts.

** Compliance Supplement Pool (CSP) allowances can only be used for two years. In the OTC states, CSP allowances not used for reconciliation in 2003 or 2004 have been retired permanently.

*** Total includes 6,477 new unit allowances returned to state holding accounts.

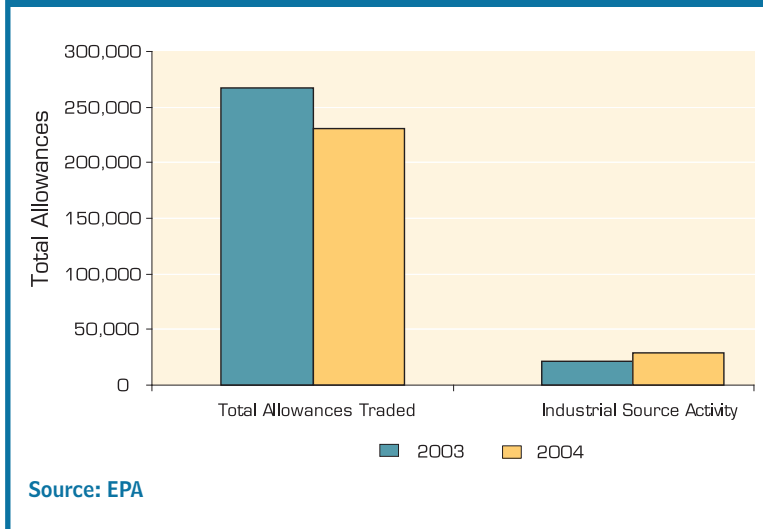
**** These penalty deductions are made from future vintage year allowances, not 2004 allowances.

During certain periods, the price for NO_x allowances can reflect market uncertainties as companies evaluate ongoing trends in control installations, energy demand, and other external factors that affect the overall costs of control. In addition, program elements such as progressive flow control and the retirement of compliance supplement pool allowances enter into transfer decisions, as do questions about the integration of the NBP with the recently finalized (March 2005) Clean Air Interstate Rule (CAIR). Despite these uncertainties, allowance prices stabilized in 2004 and are down appreciably from early 2003 (see Figure 25), which is one indication that the cap and trade market has matured.

Banking in 2004 and Flow Control Next Season

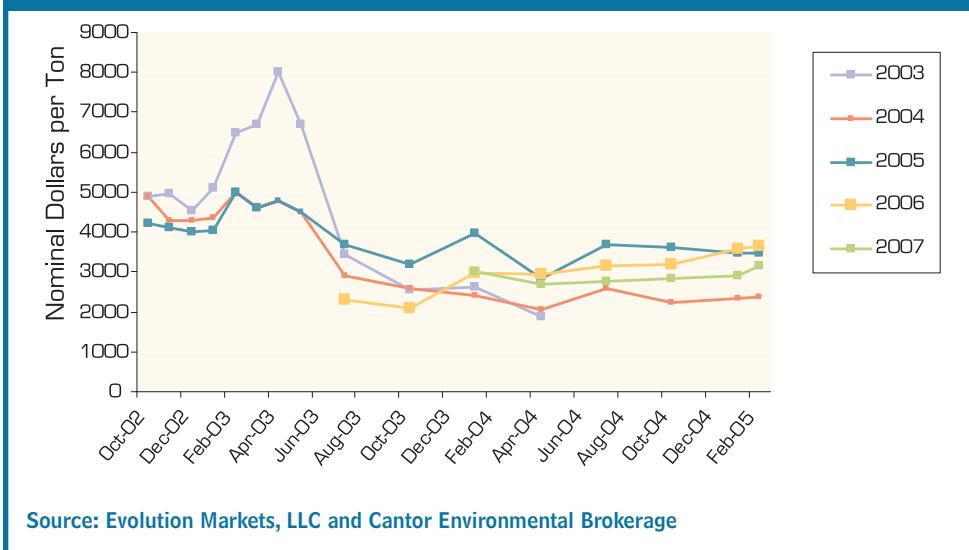
Under the NBP, banking provisions allow companies to decrease emissions more than what was required early in the program, and then save unused allowances for future use. Banking results in environmental and health benefits earlier than required by the NBP and provides a pool of allowances available to address unexpected events or smooth the transition into deeper emission reductions.

Figure 24:
Economically Significant Trades



If sources use a large number of banked allowances in one year, the elevated emissions could potentially reduce the environmental effectiveness of the NBP. The NBP's progressive flow control provisions were designed to discourage extensive use of banked allowances in a particular ozone season. Flow control is triggered when the total number of allowances banked for all sources exceeds 10 percent of the total regional budget for the next year. When this occurs, EPA calculates the flow

Figure 25:
Vintage Year NO_x Allowance Prices by Month of Sale



control ratio by dividing 10 percent of the total trading budget by the number of banked allowances (a larger bank will result in a smaller flow control ratio). The resulting flow control ratio indicates the percentage of banked allowances that can be deducted from a source's account in a ratio of one allowance per ton of emissions. The remaining percentage of banked allowances, if used, must be deducted at a rate of two allowances per one ton of emissions.

With a large number of additional sources in 2004 and the addition of Compliance Supplement Pool (CSP) allowances to states' budgets, the level of banked allowances in the NBP increased to nearly 208,000, well beyond the previous year's total of more than 28,000. These banked allowances represent 40 percent of the total allocations for the 2005 ozone season. Because this ratio exceeds 10 percent, flow control will be triggered in 2005.

Continuous Emissions Monitoring System Results

In order for NO_x allowances to be accurately tracked and traded, NBP sources must use consistent monitoring procedures to determine their emissions. Accurate and consistent monitoring ensures that all allowances in the

NBP have the same value (i.e., a ton of NO_x emissions from one NBP source is equal to a ton of NO_x emissions from any other source in the program). Analysis of the continuous emissions monitoring data reported by NBP sources in 2004 convincingly demonstrates the high quality of the data (see Figure 26).

Industrial sources, many of which have been monitoring under EPA's detailed monitoring procedures (40 CFR Part 75) only since 2003, were able to perform at nearly the same level as electric generating units, most of which have been monitoring under Part 75 for about a decade. In 2004, both the electric generating units and industrial units passed more than 98 percent of the quality assurance tests required of their monitoring systems. These tests included:

- Daily calibration error tests, which use reference gases of known concentrations, or (for flow monitors) reference signals with known values, to test a monitor at a zero point and an upscale point.
- Quarterly linearity checks (for gas monitors, only), which are similar to the daily calibration procedure but performed at three intermediate gas concentrations across the range of the analyzer.

Flow Control Will Apply in 2005—How Will It Affect Sources?

• 2005 Regional Budget:	516,245 allowances
• Banked Allowances after 2004:	207,625 allowances
• Flow Control Trigger:	$207,625/516,245 > 10$ percent, triggering flow control for 2005

- The flow control ratio will be 0.25 (determined by dividing 10 percent of the total trading program budget by the total number of banked allowances, or $51,625/207,625$).
- The flow control ratio is applied to banked allowances in each source's compliance and overdraft allowance accounts at the time of compliance reconciliation.
 - For example, if a source holds 1,000 banked allowances at the end of 2005, it will be able to use 250 of them on a 1-for-1 basis, but will have to use the remaining 750, if necessary, on a 2-for-1 basis for compliance.
- If the source used all of its 1,000 banked allowances for 2005 compliance, the banked allowances could be used to cover only 625 tons of NO_x emissions ($250 + 750/2$).

- Semiannual or annual relative accuracy test audits which compare data from the monitoring system to concurrent measurements of the stack emissions with an EPA reference test method.

NBP sources also reported quality-assured emissions data for more than 99 percent of their operating hours in 2004 (see Figure 26). Part 75 requires conservatively high substitute data values to be reported for missing data periods, but substitute data were used less than 1 percent of the time in 2004 and therefore had little impact on the cumulative NO_x mass emissions reported by the NBP sources.

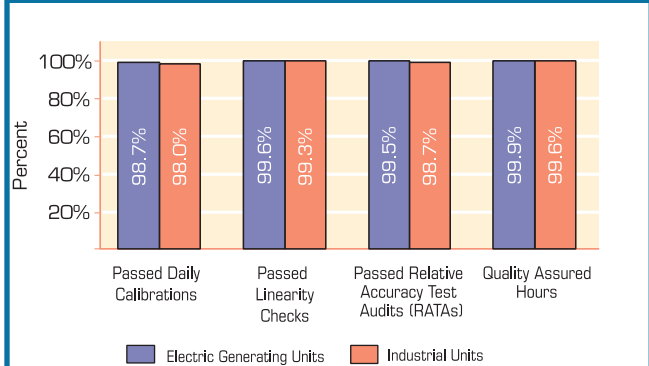
Compliance Options under the NO_x Budget Trading Program

In a way that best fits their own circumstances, sources can choose from a variety of compliance options to meet the emissions reduction targets of the NBP. These include decreasing generation from certain units (such as units with high NO_x emissions), modifying or optimizing the basic combustion process to control the formation of NO_x, using add-on controls, or purchasing additional allowances from other market participants.

Many electric generating units installed combustion controls to meet the NO_x emission limits of the Acid Rain Program. In addition, some industrial units added combustion controls to meet state NO_x emission limits. For boilers, furnaces, and heaters, these controls include low NO_x burner and overfire air technologies, which modify the combustion process to reduce formation of NO_x from nitrogen present in the combustion air and fuel. Advances in combustion control technologies continue to provide cost-effective options to reduce emissions even further for some units.

Add-on control technologies, such as selective catalytic reduction (SCR) or selective non-catalytic reduction (SNCR), are frequently applied for NO_x control. SNCR and SCR are control technologies that achieve NO_x reductions by injecting ammonia, urea, or another NO_x reducing chemical into the flue gas within or downstream of the combustion unit to react with NO_x, forming nitrogen and water. SCR adds a catalyst to allow this reaction to occur in a lower temperature

Figure 26:
2004 NO_x Budget Trading Program
Quality Assurance Performance of
Continuous Emissions Monitors, Electric
Generating and Industrial Units



Source: EPA

Note: These results include approximately 1,300 electric generating and 275 industrial units that reported under the NBP using CEMS in 2004.

What Monitoring Options Can Sources Use?

EPA has developed detailed procedures (40 CFR Part 75) to ensure that sources monitor and report emissions with a high degree of precision, accuracy, reliability, and consistency. Coal-fired units are required to use continuous emission monitoring systems (CEMS) for NO_x and stack gas flow rate (and if needed, CO₂ or O₂ and moisture), to measure and record their NO_x mass emissions. Oil and gas-fired units may alternatively use a NO_x CEMS in conjunction with a fuel flowmeter to determine NO_x mass emissions. For oil and gas-fired units that are either operated infrequently to provide power during periods of peak demand or that have very low NO_x emissions, Part 75 provides low-cost alternatives to estimate NO_x mass emissions. Figure 26 presents only the results for units that use CEMS.

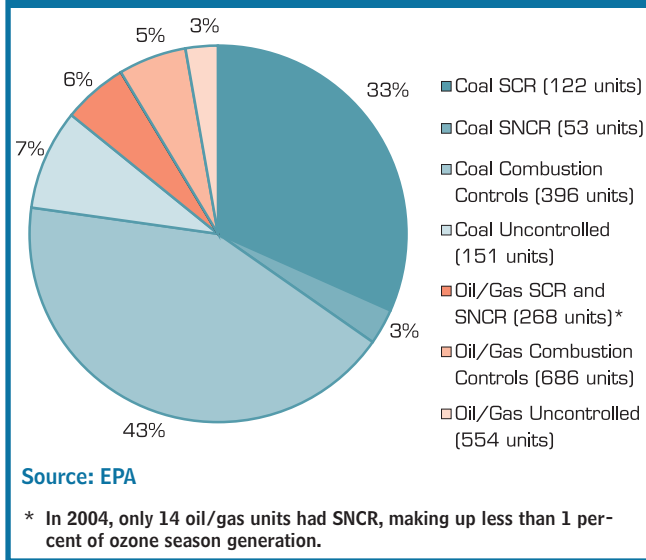
range. While SNCR is mainly applicable to boilers, furnaces, heaters, and kilns, SCR can be used for a wider range of electric generating and industrial units. Sources report pollution control information, including installation dates, in monitoring plans submitted to EPA.

Figure 27 shows the breakdown of how electric generating sources have employed emission controls as of the 2004 ozone season, by both number of units and the percent of total ozone season generation. In the 2004 ozone season, there were about 2,200 electric generating units affected under the NBP. Coal-fired electric generating units with combustion controls (about 400 units) represented 43 percent of total generation during the ozone season. Coal-fired electric generating units with SCR (122 units) constituted about 5 percent of electric generating units, but represented more than 30 percent of the total ozone season generation. In contrast, oil- and gas-fired electric generating units (over 1,500 units) constituted nearly 70 percent of all electric generating units but accounted for less than 15 percent of total ozone season generation.

Figure 28 shows similar information for industrial units, but based on steam output rather than electric generation. In the 2004 ozone season, there were 340 industrial units affected under the NBP. Most industrial units either identify combustion controls in their monitoring plans or do not identify any type of add-on controls. There are only a few exceptions where SCR or SNCR is employed. There are no cases where coal-fired industrial units employ SCR. Except for turbines that can use a relatively simple form of SCR, the use of SCR is typically limited to larger coal-fired electric generating units that can achieve significant emission reductions in a highly cost effective way.

In addition to adding controls, decreasing generation from certain units (e.g., those with high NO_x emissions) and making operational or fuel changes are other methods sources can use to achieve emission reductions. Table 3 shows that the total heat input for all NBP sources increased slightly (less than 2 percent) from 2003 to

Figure 27:
**Percent of Total 2004 Ozone Season
Electric Generation by Fuel
and Control Type**



2004. The heat input from coal-fired units decreased a small amount, while the heat input from gas-fired units increased. Although there were small differences between fuel types, the overall heat input change suggests that there was no substantial shift from coal-fired units to lower emitting oil- or gas-fired units in 2004.

Coal-fired Units Account for Nearly All Emission Reductions since 2003

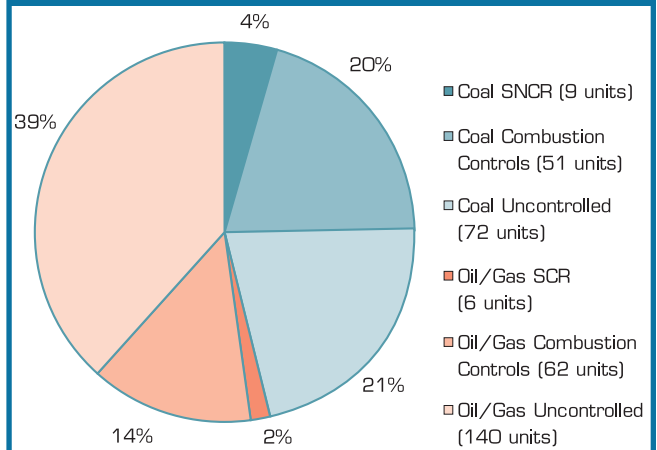
Table 3 indicates that coal-fired units accounted for nearly all of the 226,000 tons of emission reductions achieved by NBP units from 2003 to 2004. This analysis first examines emission reductions from units that added new controls in 2004 and then focuses on those units that achieved emission reductions with no reported change in controls.

By the end of the 2004 ozone season, 122 coal-fired units reported using SCR controls to meet the NBP requirements, an increase of more than 30 units since the end of the 2003 ozone season. Seven units reported

adding SNCR systems during this period, and 17 units reported the installation of new or upgraded combustion controls. Overall, units that installed new controls (since the end of the 2003 ozone season) reduced emissions by about 91,000 tons from 2003 levels. Additional reductions were achieved by units that installed add-on controls in the 2003 ozone season or earlier but operated those controls more in the 2004 ozone season. These units (primarily units with SCR controls) reduced emissions by about 28,000 tons in the 2004 ozone season.

Coal-fired units with no add-on controls and no reported change in their control status after the 2003 ozone season were nonetheless able to reduce mass emissions by more than 100,000 tons from 2003 ozone season levels. To assess how those reductions may have occurred, EPA analyzed these units based on 2003 NO_x rates, ordered by highest to lowest emitters. This analysis excludes coal-fired units in OTC states because those units already had to meet trading program budget requirements in 2003 and did not reduce emissions significantly from 2003 to 2004. In 2004, units with the highest 2003 NO_x emission rates (the top 25 percent) decreased total ozone season heat input by about 15 percent from 2003 levels. The remaining units had only a moderate decrease in heat input (generation), approximately 2 percent. Mass emission reductions were also attributable to emission rate reductions. For example, the units with the highest 2003 emission rates (the top 25 percent) experienced a median emission rate reduction of about 0.12 lb/mmBtu. The remaining units realized a more moderate NO_x rate reduction (the median reduction was about 0.05 lb/mmBtu). While discrepancies in the reported information on types of NO_x controls installed likely explain rate reductions for some of these units, these types of rate reductions also can occur as a result of operational changes or fine-tuning of the existing combustion controls, which sources do not report to EPA.

Figure 28:
Percent of Total 2004 Ozone Season
Steam Output for Industrial Units
by Fuel and Control Type



Source: EPA

Note: Industrial units generally provide generation data as steam output load. Some industrial units provide electrical output data because they provide electrical energy for on-site use. That electrical load data was converted to a steam equivalent (1,000 pounds per hour) to allow consistent comparison of data.

Heat input is the heat derived from the combustion of fuel in a unit. It is a simple way to track utilization of affected units. The overall heat input levels from affected sources in the NBP states increased slightly between 2003 and 2004 without the addition of a significant number of sources. This indicates that, on a systemwide basis, sources in the region were able to maintain their preexisting generation levels while still complying with the NBP.

**Table 3:
Comparison of 2003 and 2004 Ozone Season NO_x Mass Emissions, Heat Input,
and NO_x Emission Rates in the NO_x Budget Trading Program**

Units by Fuel Type	Ozone Season NO _x Mass Emissions (tons)		Ozone Season Heat Input (mmBtu)		Ozone Season NO _x Emissions Rate (lb/mmBtu)	
	2003	2004	2003	2004	2003	2004
Coal	770,000 (94%)	548,000 (93%)	4.7 billion (84%)	4.7 billion (83%)	0.33	0.23
Oil	25,000 (3%)	25,000 (4%)	260 million (5%)	260 million (5%)	0.19	0.19
Gas	24,000 (3%)	20,000 (3%)	590 million (11%)	690 million (12%)	0.08	0.06
Total	819,000	593,000	5.57 billion	5.65 billion	0.29	0.21

Source: EPA

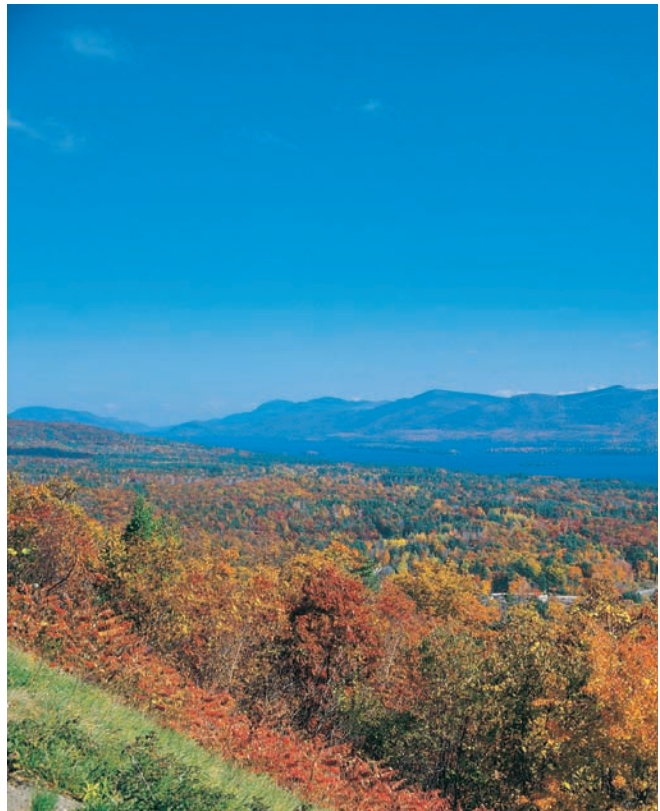
Notes:

- Tons rounded to the nearest 1,000 tons. Totals may not equal the sum of the values for each fuel type due to rounding. The data presented here are for the ozone season May 1-September 30.
- The Average emission rate is based on dividing total reported ozone season NO_x mass emissions for each fuel category by the total ozone season heat input reported for that category. The average emission rate expressed for the "Total" is the heat input weighted average for the three fuel categories.

Chapter 5: Future NO_x Reductions and Ozone Improvements

Despite improvements in ozone air quality in many areas of the country, ozone continues to be a pervasive air pollution problem. More than 100 million people in the eastern United States are still living in nonattainment areas that do not meet the 8-hour ozone standard. Continued reductions anticipated under the NO_x SIP Call will help reduce emissions of NO_x and improve air quality. Recent national mobile source regulations will help reduce ozone by reducing NO_x and VOCs from new passenger vehicles, heavy-duty diesel engines, and other mobile sources.

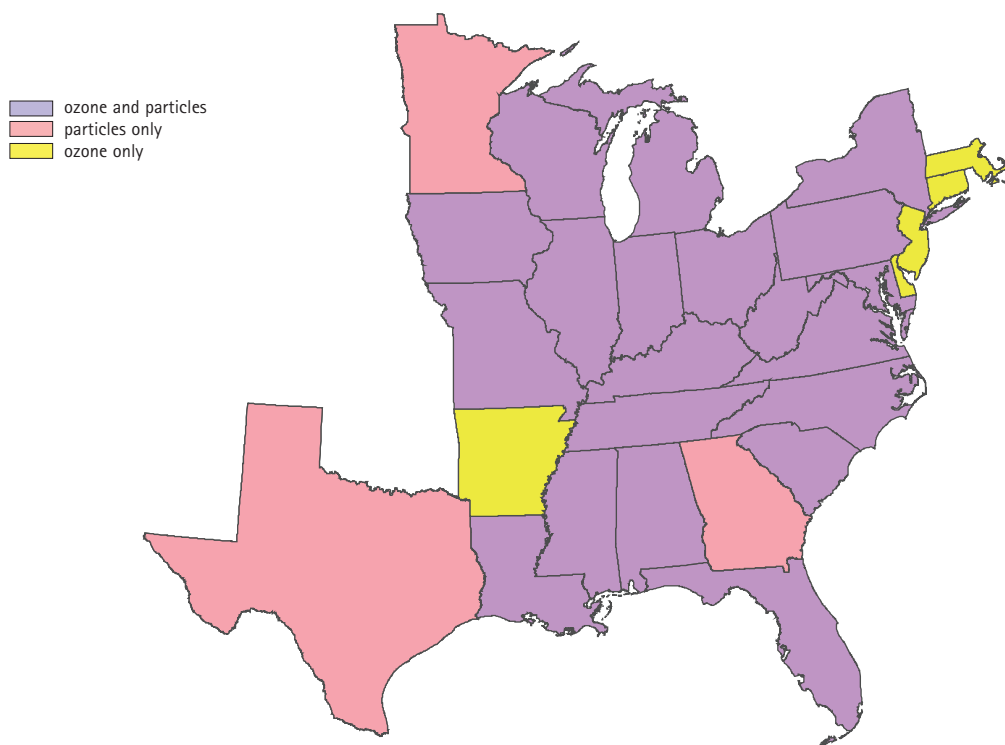
In addition, EPA's Clean Air Interstate Rule (CAIR) will help further reduce ozone in the East. This landmark rule, issued March 10, 2005, will permanently cap power industry emissions of sulfur dioxide (SO₂) and NO_x in the eastern United States, achieving large reductions of these pollutants. CAIR will build on the ozone season emission reductions from the NO_x SIP Call. In 2015, CAIR, the NO_x SIP Call, and other programs in the CAIR region will reduce power industry ozone season NO_x emissions by about 50 percent and



How Does the Clean Air Interstate Rule (CAIR) Affect NO_x Budget Trading Program States?

The NO_x SIP Call requirements will remain in place, but in 2009, EPA will stop administering the existing regional ozone season NO_x trading programs. States can meet their NO_x SIP Call obligations using the CAIR's ozone season NO_x trading program. CAIR allows states to include all of their NO_x SIP Call trading sources in the CAIR ozone season trading program. If a state includes industrial units, the trading budget for those units remains the same as the NO_x SIP Call. The 2009 CAIR ozone season NO_x electric generating unit budgets are at least as stringent as the NO_x SIP Call budgets, and in some states are tighter. In 2015, the ozone season emission cap will be further reduced. In addition, because CAIR allows sources to use pre-2009 NO_x SIP Call allowances for compliance on a 1:1 basis with the CAIR ozone season NO_x program (i.e., the allowances can be banked and carried into the CAIR), NO_x Budget Trading Program (NBP) sources have an incentive to begin reducing their emissions now. Also, as with the NO_x SIP Call, the CAIR annual NO_x program includes a compliance supplement pool to provide incentives for sources to reduce non-ozone season NO_x emissions prior to CAIR. For more information, visit <www.epa.gov/cair>.

Figure 29: States Covered by the Clean Air Interstate Rule (CAIR)



Source: EPA

Note: EPA proposed in March 2005 to add Delaware and New Jersey to the states in CAIR covered for fine particles.

annual NO_x emissions by about 60 percent from 2003 levels. In addition by 2015, CAIR and other existing air programs will reduce the number of 8-hour ozone nonattainment areas, and will bring remaining areas closer to attainment.

In 2015, EPA predicts that with CAIR and existing federal and state programs, only six ozone nonattainment areas will remain in the East: Chicago; Houston; Philadelphia, New York City; Baltimore and Washington, D.C. States are working to identify and implement local controls to move these remaining six areas toward attainment.

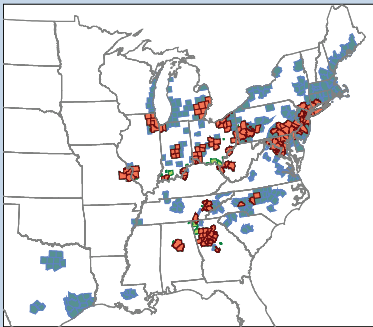
CAIR is similar to the NO_x SIP Call in that it requires states to submit SIPs and meet a budget to reduce emissions. CAIR reduces NO_x through two budgets: ozone season NO_x budgets in 25 states and Washington, D.C., and annual budgets to reduce fine particle pollution ($\text{PM}_{2.5}$) in 23 states and Washington, D.C. In March 2005, EPA proposed to add Delaware and New Jersey to the states in CAIR covered for fine particles. Many states are affected by CAIR for both ozone season NO_x and annual NO_x and SO_2 (see Figure 29). Like the NO_x SIP Call, CAIR establishes EPA-administered, interstate cap and trade programs that states can choose to use to obtain the required emission reductions. EPA anticipates that most, if not all, affected states will join these trading programs.

Ozone and Particle Pollution in the Future

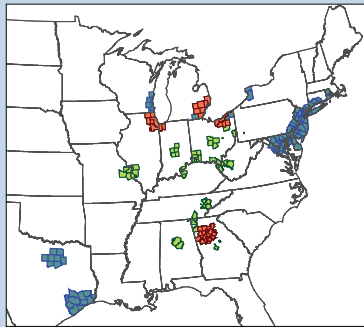
The Clean Air Interstate Rule (CAIR), Together With Other Clean Air Programs, Will Bring Cleaner Air to Areas in the East.

On March 10, 2005, EPA issued CAIR. This rule will achieve the greatest air quality improvement, and the deepest cut in emissions of SO₂ and NO_x in more than a decade. Key compliance dates are 2009 (Phase I cap on NO_x), 2010 (Phase I cap on SO₂) and 2015 (Phase II cap on NO_x and SO₂).

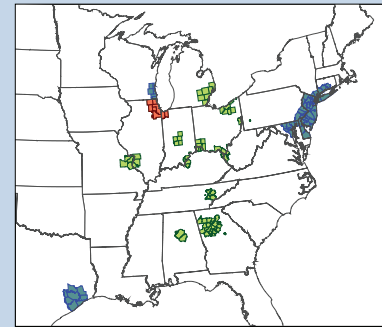
Ozone and Fine Particle Nonattainment Areas (April 2005)



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



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



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

Source: EPA

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



Online Resources

General Information:

- Office of Air and Radiation: www.epa.gov/oar
 - Office of Air Quality Planning and Standards: www.epa.gov/oar/oaqps
 - Office of Atmospheric Programs: www.epa.gov/air/oap.html
- National Academies: www4.nationalacademies.org/nas/nashome.nsf
- Mobile Sources: www.epa.gov/otaq
- Cap and Trade and Related Programs: www.epa.gov/airmarkt/index.html

NO_x Control Programs:

- Acid Rain Program: www.epa.gov/airmarkets/arp/index.html
- Ozone Transport Commission (OTC) NO_x Budget Program: www.epa.gov/airmarkets/otc/index.html
- NO_x Budget Trading Program: www.epa.gov/airmarkets/fednox/index.html
- Clean Air Interstate Rule (CAIR): www.epa.gov/cair/index.html

Ozone Information:

- Formation of Ozone: www.epa.gov/air/urbanair/ozone/what.html
- Health and Ecological Effects: www.epa.gov/air/urbanair/ozone/hlth.html
- Ozone Depletion: www.epa.gov/ozone
- 8-hour and 1-hour Ozone Trends and Factbook: www.epa.gov/airtrends

Emissions Data and Monitoring Information:

- National Emissions Inventory (NEI): www.epa.gov/ttn/chief/net/
- Emissions Data for the Power Industry: <http://cfpub.epa.gov/gdm>
- Emissions Development: www.epa.gov/ttn/chief/trends/procedures/nejproc_99.pdf
- NO_x and VOC Limitation: www.cgenv.com/Narsto/american.chem.council.html

Ozone Monitoring Networks and Data:

- Clean Air Status and Trends Network (CASTNET): www.epa.gov/castnet
- Air Quality System (AQS): www.epa.gov/ttn/airs/airsaqs

Other Emissions and Air Quality Resources:

- General Information on EPA Air Quality Monitoring Networks: www.epa.gov/ttn/amtic
- Clean Air Mapping and Analysis Program (C-MAP): www.epa.gov/airmarkets/cmap/index.html
- The Emissions and Generation Resource Integrated Database (eGRID): www.epa.gov/cleanenergy/egrid/index.html
- AIRNow: www.epa.gov/airnow

APPENDIX A: 2004 EMISSIONS AND ALLOWANCE HOLDINGS OF NO_x BUDGET SOURCES

STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NO _x EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
AL	AMEA Sylacauga Plant	56018	1	0	0	7	0	0	0	0
AL	AMEA Sylacauga Plant	56018	2	0	0	4	0	0	0	0
AL	AMEA Sylacauga Plant	56018	OVERDF	0	13		11	0	0	2
AL	Bowater Newsprint - Coosa Pines	54216	AOW#1	58	112	112	112	0	0	0
AL	Bowater Newsprint - Coosa Pines	54216	AOW#2	58	96	95	95	0	0	1
AL	Bowater Newsprint - Coosa Pines	54216	AOW#3	58	90	90	90	0	0	0
AL	Bowater Newsprint - Coosa Pines	54216	AOW#4	58	96	96	96	0	0	0
AL	Bowater Newsprint - Coosa Pines	54216	OVERDF	0	0		0	0	0	0
AL	BP Amoco Chemical Company	880075	AB4302	38	38	0	0	0	0	38
AL	BP Amoco Chemical Company	880075	AB8301	55	55	6	6	0	0	49
AL	BP Amoco Chemical Company	880075	OVERDF	0	0		0	0	0	0
AL	Calhoun Power Company I, LLC	55409	CT1	12	6	5	5	0	0	1
AL	Calhoun Power Company I, LLC	55409	CT2	12	5	5	5	0	0	0
AL	Calhoun Power Company I, LLC	55409	CT3	12	5	4	4	0	0	1
AL	Calhoun Power Company I, LLC	55409	CT4	12	4	4	4	0	0	0
AL	Calhoun Power Company I, LLC	55409	OVERDF	0	4		0	0	0	4
AL	Colbert	47	CSCO14 (1, 2, 3, 4)			3,589				
AL	Colbert	47	1	432	905		905	0	0	0
AL	Colbert	47	2	398	867		867	0	0	0
AL	Colbert	47	3	374	931		931	0	0	0
AL	Colbert	47	4	396	886		886	0	0	0
AL	Colbert	47	5	1,000	239	239	239	0	0	0
AL	Colbert	47	CCT1	44	1	1	1	0	0	0
AL	Colbert	47	CCT2	44	1	1	1	0	0	0
AL	Colbert	47	CCT3	44	1	1	1	0	0	0
AL	Colbert	47	CCT4	44	0	0	0	0	0	0
AL	Colbert	47	CCT5	44	0	0	0	0	0	0
AL	Colbert	47	CCT6	44	0	0	0	0	0	0
AL	Colbert	47	CCT7	44	0	0	0	0	0	0
AL	Colbert	47	CCT8	44	0	0	0	0	0	0
AL	Colbert	47	OVERDF	0	1,086		0	0	0	1,086
AL	Decatur Energy Center	55292	CTG-1	47	7	5	5	0	0	2
AL	Decatur Energy Center	55292	CTG-2	47	12	9	9	0	0	3
AL	Decatur Energy Center	55292	CTG-3	47	17	13	13	0	0	4
AL	Decatur Energy Center	55292	OVERDF	0	0		0	0	0	0
AL	Discover	55138	1A	16	16	0	0	0	0	16
AL	Discover	55138	1B	16	16	0	0	0	0	16
AL	Discover	55138	2A	16	16	0	0	0	0	16
AL	Discover	55138	2B	16	16	0	0	0	0	16
AL	Discover	55138	OVERDF	0	0		0	0	0	0
AL	E B Harris Generating Plant	7897	1A	35	9	9	9	0	0	0
AL	E B Harris Generating Plant	7897	1B	35	6	6	6	0	0	0
AL	E B Harris Generating Plant	7897	2A	35	11	11	11	0	0	0

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STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
AL	E B Harris Generating Plant	7897	2B	35	9	9	9	0	0	0
AL	E B Harris Generating Plant	7897	OVERDF	0	10		0	0	0	10
AL	E C Gaston	26	CS0CAN (1, 2)			2,638				
AL	E C Gaston	26	1	607	1,311		1,311	0	0	0
AL	E C Gaston	26	2	542	1,328		1,327	0	0	1
AL	E C Gaston	26	CS0CBN (3, 4)			2,972				
AL	E C Gaston	26	3	659	1,553		1,552	0	0	1
AL	E C Gaston	26	4	612	1,422		1,420	0	0	2
AL	E C Gaston	26	5	2,125	4,130	4,130	4,130	0	0	0
AL	E C Gaston	26	OVERDF	0	300		0	0	0	300
AL	Gadsden	7	1	250	255	255	255	0	0	0
AL	Gadsden	7	2	239	280	280	280	0	0	0
AL	Gadsden	7	OVERDF	0	40		0	0	0	40
AL	Gorgas	8	10	4,103	600	600	600	0	0	0
AL	Gorgas	8	CS0DAN (6, 7)			1,059				
AL	Gorgas	8	6	433	419		419	0	0	0
AL	Gorgas	8	7	440	640		640	0	0	0
AL	Gorgas	8	8	1,010	768	768	768	0	0	0
AL	Gorgas	8	9	462	753	753	753	0	0	0
AL	Gorgas	8	OVERDF	0	132		0	0	0	132
AL	Greene County	10	1	1,047	1,049	1,049	1,049	0	0	0
AL	Greene County	10	2	685	1,065	1,065	1,065	0	0	0
AL	Greene County	10	CT10	42	42	4	4	0	0	38
AL	Greene County	10	CT2	42	42	3	3	0	0	39
AL	Greene County	10	CT3	44	44	3	3	0	0	41
AL	Greene County	10	CT4	42	42	4	4	0	0	38
AL	Greene County	10	CT5	44	44	3	3	0	0	41
AL	Greene County	10	CT6	44	44	3	3	0	0	41
AL	Greene County	10	CT7	44	44	3	3	0	0	41
AL	Greene County	10	CT8	45	45	3	3	0	0	42
AL	Greene County	10	CT9	45	45	3	3	0	0	42
AL	Greene County	10	OVERDF	0	132		0	0	0	132
AL	International Paper-Courtland Mill	50245	GTX017	108	51	47	47	0	0	4
AL	International Paper-Courtland Mill	50245	OVERDF	0	0		0	0	0	0
AL	International Paper-Courtland Mill	50245	PBX007	13	4	3	3	0	0	1
AL	International Paper-Prattville Mill	52140	OVERDF	0	0		0	0	0	0
AL	International Paper-Prattville Mill	52140	Z006	113	125	120	120	0	0	5
AL	International Paper-Prattville Mill	52140	Z008	148	349	338	338	0	0	11
AL	International Paper-Riverdale Mill	54096	OVERDF	0	0		0	0	0	0
AL	International Paper-Riverdale Mill	54096	X026	90	43	40	40	0	0	3
AL	International Paper-Riverdale Mill	54096	Z007	42	12	9	9	0	0	3
AL	James H Miller Jr	6002	1	1,816	2,532	2,531	2,531	0	0	1
AL	James H Miller Jr	6002	2	2,023	2,497	2,497	2,497	0	0	0

APPENDIX A: 2004 EMISSIONS AND ALLOWANCE HOLDINGS OF NOx BUDGET SOURCES

STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
AL	James H Miller Jr	6002	3	2,487	639	639	639	0	0	0
AL	James H Miller Jr	6002	4	2,824	568	568	568	0	0	0
AL	James H Miller Jr	6002	OVERDF	0	2,107		0	0	0	2,107
AL	MeadWestvaco Coated Board, Inc - Mahar	54802	OVERDF	0	0		0	0	0	0
AL	MeadWestvaco Coated Board, Inc - Mahar	54802	X022	51	51	19	19	0	0	32
AL	MeadWestvaco Coated Board, Inc - Mahar	54802	Z008	50	50	42	42	0	0	8
AL	Morgan Energy Center	55293	CT-1	47	35	29	29	0	0	6
AL	Morgan Energy Center	55293	CT-2	47	37	28	28	0	0	9
AL	Morgan Energy Center	55293	CT-3	47	30	21	21	0	0	9
AL	Morgan Energy Center	55293	OVERDF	0	0		0	0	0	0
AL	Plant H. Allen Franklin	7710	1A	33	17	15	15	0	0	2
AL	Plant H. Allen Franklin	7710	1B	33	16	13	13	0	0	2
AL	Plant H. Allen Franklin	7710	2A	33	17	14	14	0	0	3
AL	Plant H. Allen Franklin	7710	2B	33	17	14	14	0	0	3
AL	Plant H. Allen Franklin	7710	OVERDF	0	0		0	0	0	0
AL	Solutia (Decatur Plant)	880041	X015	132	272	272	272	0	0	0
AL	Solutia (Decatur Plant)	880041	X053	2	1	0	0	0	0	1
AL	Solutia (Decatur Plant)	880041	CS001 (Z004, Z005, Z006)			277				
AL	Solutia (Decatur Plant)	880041	Z004	52	74		74	0	0	0
AL	Solutia (Decatur Plant)	880041	Z005	56	100		92	0	0	8
AL	Solutia (Decatur Plant)	880041	Z006	53	63		63	0	0	0
AL	Solutia (Decatur Plant)	880041	OVERDF	0	20		48	0	0	-28
AL	Tenaska Central Alabama Gen Station	55440	CTGDB1	36	199	10	10	0	0	189
AL	Tenaska Central Alabama Gen Station	55440	CTGDB2	36	19	6	6	0	0	13
AL	Tenaska Central Alabama Gen Station	55440	CTGDB3	36	20	6	6	0	0	14
AL	Tenaska Central Alabama Gen Station	55440	OVERDF	0	0		0	0	0	0
AL	Tenaska Lindsay Hill	55271	CT1	40	38	8	8	0	0	30
AL	Tenaska Lindsay Hill	55271	CT2	40	38	9	9	0	0	29
AL	Tenaska Lindsay Hill	55271	CT3	40	39	10	10	0	0	29
AL	Tenaska Lindsay Hill	55271	OVERDF	0	0		0	0	0	0
AL	US Steel (Fairfield Works)	50730	206	6	1	0	0	0	0	1
AL	US Steel (Fairfield Works)	50730	208	30	1	0	0	0	0	1
AL	US Steel (Fairfield Works)	50730	209	162	54	46	46	0	0	8
AL	US Steel (Fairfield Works)	50730	210	161	23	18	18	0	0	5
AL	US Steel (Fairfield Works)	50730	OVERDF	0	5		0	0	0	5
AL	Widows Creek	50	CSWC16 (1, 2, 3, 4, 5, 6)			3,715				
AL	Widows Creek	50	1	416	655		655	0	0	0
AL	Widows Creek	50	2	428	517		517	0	0	0
AL	Widows Creek	50	3	435	735		735	0	0	0
AL	Widows Creek	50	4	464	637		637	0	0	0
AL	Widows Creek	50	5	453	577		577	0	0	0
AL	Widows Creek	50	6	383	594		594	0	0	0
AL	Widows Creek	50	7	2,679	714	714	714	0	0	0

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AL	Widows Creek	50	8	927	591	591	591	0	0	0
AL	Widows Creek	50	OVERDF	0	1,165		0	0	0	1,165
CT	AES Thames	10675	OVERDF	0	0		0	0	0	0
CT	AES Thames	10675	CS01 (UNITA, UNITB)			154				
CT	AES Thames	10675	UNITA	99	100		82	0	0	18
CT	AES Thames	10675	UNITB	99	75		72	0	0	3
CT	Algonquin Power Windsor Locks, LLC	10567	GT1	116	116	105	105	0	0	11
CT	Branford	540	10	0	2	1	1	0	0	1
CT	Bridgeport Energy	55042	BE1	51	42	42	42	0	0	0
CT	Bridgeport Energy	55042	BE2	52	36	36	36	0	0	0
CT	Bridgeport Energy	55042	OVERDF	0	87		0	0	0	87
CT	Bridgeport Harbor Station	568	BHB1	0	0	0	0	0	0	0
CT	Bridgeport Harbor Station	568	BHB2	31	9	5	5	0	0	4
CT	Bridgeport Harbor Station	568	BHB3	1,677	948	937	937	0	0	11
CT	Bridgeport Harbor Station	568	BHB4	1	1	0	0	0	0	1
CT	Bridgeport Harbor Station	568	OVERDF	0	151		0	0	0	151
CT	Capitol District Energy Center	50498	GT	41	41	1	1	0	0	40
CT	Cos Cob	542	10	1	1	1	1	0	0	0
CT	Cos Cob	542	11	1	0	1	0	0	0	0
CT	Cos Cob	542	12	1	0	1	0	0	0	0
CT	Cos Cob	542	OVERDF	0	5		2	0	0	3
CT	Devon	544	10	0	0	0	0	0	0	0
CT	Devon	544	11	5	5	1	1	0	0	4
CT	Devon	544	12	5	5	1	1	0	0	4
CT	Devon	544	13	6	6	1	1	0	0	5
CT	Devon	544	14	5	5	1	1	0	0	4
CT	Devon	544	CS0001 (7, 8)			13				
CT	Devon	544	7	148	24		13	0	0	11
CT	Devon	544	8	125	6		0	0	0	6
CT	Devon	544	OVERDF	0	250		0	0	0	250
CT	English Station	569	EB13	0	0	0	0	0	0	0
CT	English Station	569	EB14	0	0	0	0	0	0	0
CT	English Station	569	OVERDF	0	0		0	0	0	0
CT	Franklin Drive	561	10	0	3	3	3	0	0	0
CT	Lake Road Generating Company	55149	LRG1	11	14	15	14	0	0	0
CT	Lake Road Generating Company	55149	LRG2	16	26	14	14	0	0	12
CT	Lake Road Generating Company	55149	LRG3	14	17	14	14	0	0	3
CT	Lake Road Generating Company	55149	OVERDF	0	2		1	0	1	0
CT	Middletown	562	10	0	0	1	0	0	0	0
CT	Middletown	562	2	123	140	134	134	0	0	6
CT	Middletown	562	3	265	145	132	132	0	0	13
CT	Middletown	562	4	97	95	13	13	0	0	82
CT	Middletown	562	OVERDF	0	323		1	0	0	322

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CT	Milford Power Project ¹	55126	CT01	19	19	25	19	0	0	0
CT	Milford Power Project ¹	55126	CT02	19	19	22	19	0	0	0
CT	Milford Power Project ¹	55126	OVERDF	0	0	0	0	0	0	0
CT	Montville	546	5	54	20	10	10	0	0	10
CT	Montville	546	6	202	201	23	23	0	0	178
CT	Montville	546	OVERDF	0	50	0	0	0	0	50
CT	New Haven Harbor	6156	NHB1	758	194	123	123	0	0	71
CT	Norwalk Harbor Station	548	CS0001 (1, 2)			151				
CT	Norwalk Harbor Station	548	1	108	81		76	0	0	5
CT	Norwalk Harbor Station	548	10	0	0	2	0	0	0	0
CT	Norwalk Harbor Station	548	2	147	83		75	0	0	8
CT	Norwalk Harbor Station	548	OVERDF	0	137		2	0	0	135
CT	Norwich	880022	TRBINE	1	4	1	1	0	1	2
CT	Pfizer	54236	5	34	20	18	18	0	0	2
CT	Pfizer	54236	8	28	11	8	8	0	0	3
CT	Pfizer	54236	OVERDF	0	16		0	0	0	16
CT	Pratt & Whitney, East Hartford	54605	001	11	25	4	4	0	0	21
CT	South Meadow Station	563	11A	1	1	1	1	0	0	0
CT	South Meadow Station	563	11B	1	1	1	1	0	0	0
CT	South Meadow Station	563	12A	2	2	1	1	0	0	1
CT	South Meadow Station	563	12B	2	3	1	1	0	0	2
CT	South Meadow Station	563	13A	2	2	1	1	0	0	1
CT	South Meadow Station	563	13B	2	3	1	1	0	1	1
CT	South Meadow Station	563	14A	1	1	1	1	0	0	0
CT	South Meadow Station	563	14B	1	1	1	1	0	0	0
CT	South Meadow Station	563	OVERDF	0	3		0	0	2	1
CT	Sprague Paperboard - Sprague Mill	54657	1	75	244	156	156	0	0	88
CT	Torrington Terminal	565	10	0	2	1	1	0	0	1
CT	Tunnel	557	10	0	2	1	1	0	0	1
CT	Wallingford Energy	55517	CT01	1	1	1	1	0	0	0
CT	Wallingford Energy	55517	CT02	1	1	1	1	0	0	0
CT	Wallingford Energy	55517	CT03	0	1	1	1	0	0	0
CT	Wallingford Energy	55517	CT04	0	0	0	0	0	0	0
CT	Wallingford Energy	55517	CT05	0	1	0	0	0	0	1
CT	Wallingford Energy	55517	OVERDF	0	1		0	0	0	1
CT	Waterside Power, LLC	56189	4	1	1	4	1	0	0	0
CT	Waterside Power, LLC	56189	5	1	1	4	1	0	0	0
CT	Waterside Power, LLC	56189	6	1	1	3	1	0	0	0
CT	Waterside Power, LLC	56189	OVERDF	0	8		8	0	0	0
DC	Benning	603	15	80	160	4	4	0	0	156
DC	Benning	603	16	117	234	15	15	0	0	219
DC	Benning	603	OVERDF	0	0		0	0	0	0
DC	GSA Central Heating	880004	3	0	7	5	5	0	0	2

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DC	GSA Central Heating	880004	4	0	0	0	0	0	0	0
DC	GSA Central Heating	880004	5C	0	0	12	0	0	0	0
DC	GSA Central Heating	880004	OVERDF	0	25		12	0	0	13
DE	Christiana Substation	591	11	5	7	1	1	0	0	6
DE	Christiana Substation	591	14	6	10	1	1	0	0	9
DE	Christiana Substation	591	OVERDF	0	0		0	0	0	0
DE	Delaware City	592	10	5	8	1	1	0	0	7
DE	Delaware City Refinery	52193	21H701	97	0	54	0	0	0	0
DE	Delaware City Refinery	52193	37H1	116	0	50	0	0	0	0
DE	Delaware City Refinery	52193	41H1	119	0	0	0	0	0	0
DE	Delaware City Refinery	52193	42H123	145	0	79	0	0	0	0
DE	Delaware City Refinery	52193	CATCOB	146	128	424	128	0	0	0
DE	Delaware City Refinery	52193	COKCOB	123	0	259	0	0	0	0
DE	Delaware City Refinery	52193	DCPP1	160	0	92	0	0	0	0
DE	Delaware City Refinery	52193	DCPP2	159	0	30	0	0	0	0
DE	Delaware City Refinery	52193	DCPP3	162	0	105	0	0	0	0
DE	Delaware City Refinery	52193	DCPP4	144	0	101	0	0	0	0
DE	Delaware City Refinery	52193	MECCU1	0	0	28	0	0	0	0
DE	Delaware City Refinery	52193	MECCU2	0	0	25	0	0	0	0
DE	Delaware City Refinery	52193	OVERDF	0	1,389		1,119	0	0	270
DE	Edge Moor	593	10	4	7	1	1	0	0	6
DE	Edge Moor	593	3	234	254	195	195	0	0	59
DE	Edge Moor	593	4	400	435	418	418	0	0	17
DE	Edge Moor	593	5	601	259	178	178	0	0	81
DE	Edge Moor	593	OVERDF	0	0		0	0	0	0
DE	Hay Road	7153	**3	184	97	33	33	0	0	64
DE	Hay Road	7153	1	227	102	31	31	0	0	71
DE	Hay Road	7153	2	215	81	40	40	0	0	41
DE	Hay Road	7153	5	0	79	76	76	0	0	3
DE	Hay Road	7153	6	0	126	99	99	0	0	27
DE	Hay Road	7153	7	0	103	90	90	0	0	13
DE	Hay Road	7153	OVERDF	0	0		0	0	0	0
DE	Indian River	594	1	187	0	422	0	0	0	0
DE	Indian River	594	10	14	0	2	0	0	0	0
DE	Indian River	594	2	193	0	351	0	0	0	0
DE	Indian River	594	3	368	0	515	0	0	0	0
DE	Indian River	594	4	727	358	1,090	358	0	0	0
DE	Indian River	594	OVERDF	0	2,141		2,022	0	0	119
DE	Madison Street	596	10	4	8	0	0	0	0	8
DE	McKee Run	599	1	19	3	3	3	0	0	0
DE	McKee Run	599	2	53	3	3	3	0	0	0
DE	McKee Run	599	3	119	99	99	99	0	0	0
DE	McKee Run	599	OVERDF	0	148		0	0	0	148

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DE	NRG Energy Center Dover	10030	1	259	178	161	161	0	0	17
DE	NRG Energy Center Dover	10030	2	0	8	2	2	0	0	6
DE	NRG Energy Center Dover	10030	3	0	8	2	2	0	0	6
DE	NRG Energy Center Dover	10030	OVERDF	0	180		0	0	0	180
DE	Van Sant	7318	**11	7	10	3	3	0	0	7
DE	Warren F. Sam Beasley Pwr Station	7962	1	0	7	1	1	0	0	6
DE	West Substation	597	10	7	13	1	1	0	0	12
IL	A E Staley Manufacturing Company	10867	123-08	0	0	78	0	0	0	0
IL	A E Staley Manufacturing Company	10867	123-09	0	0	97	0	0	0	0
IL	A E Staley Manufacturing Company	10867	1-25	0	0	13	0	0	0	0
IL	A E Staley Manufacturing Company	10867	OVERDF	476	362		188	0	0	174
IL	Alsey Station	7818	ACT1	2	11	0	0	0	0	11
IL	Alsey Station	7818	ACT2	3	11	0	0	0	0	11
IL	Alsey Station	7818	ACT5	2	10	0	0	0	0	10
IL	Archer Daniels Midland CO	10865	CS1 (FBC1, FBC2, FBC3, FBC7)			634				
IL	Archer Daniels Midland CO	10865	FBC1	0	0		0	0	0	0
IL	Archer Daniels Midland CO	10865	FBC2	0	0		0	0	0	0
IL	Archer Daniels Midland CO	10865	FBC3	0	0		0	0	0	0
IL	Archer Daniels Midland CO	10865	CS2 (FBC4, FBC5, FBC6, GB1, GB2)			444				
IL	Archer Daniels Midland CO	10865	FBC4	0	0		0	0	0	0
IL	Archer Daniels Midland CO	10865	FBC5	0	0		0	0	0	0
IL	Archer Daniels Midland CO	10865	FBC6	0	0		0	0	0	0
IL	Archer Daniels Midland CO	10865	FBC7	0	0		0	0	0	0
IL	Archer Daniels Midland CO	10865	FBC8	0	0	139	0	0	0	0
IL	Archer Daniels Midland CO	10865	FBC9	0	0	89	0	0	0	0
IL	Archer Daniels Midland CO	10865	GB1	0	0		0	0	0	0
IL	Archer Daniels Midland CO	10865	GB2	0	0		0	0	0	0
IL	Archer Daniels Midland CO	10865	OVERDF	1,666	1,310		1,306	0	0	4
IL	Aventine Renewable Energy, Inc.	880086	UNITC	377	317	317	317	0	0	0
IL	Baldwin Energy Complex	889	1	1,079	1,012	578	578	0	0	434
IL	Baldwin Energy Complex	889	2	902	929	557	557	0	0	372
IL	Baldwin Energy Complex	889	3	2,373	1,085	757	757	0	0	328
IL	Baldwin Energy Complex	889	OVERDF	1,773	60		0	0	0	60
IL	Calpine Morris Power Plant	55216	CTG1	0	14	14	14	0	0	0
IL	Calpine Morris Power Plant	55216	CTG2	0	11	11	11	0	0	0
IL	Calpine Morris Power Plant	55216	CTG3	0	6	6	6	0	0	0
IL	Calpine Morris Power Plant	55216	OVERDF	6	5		0	0	0	5
IL	Calumet Energy Team	55296	**1	0	0	1	0	0	0	0
IL	Calumet Energy Team	55296	**2	0	0	2	0	0	0	0
IL	Calumet Energy Team	55296	OVERDF	3	3		3	0	0	0
IL	Coffeen	861	CS0001 (01, 02)			1,073				
IL	Coffeen	861	01	534	394		394	0	0	0
IL	Coffeen	861	02	916	680		679	0	0	1

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IL	Coffeen	861	OVERDF	0	234		0	0	0	234
IL	Collins Station	6025	CS1230 (1, 2, 3)			93				
IL	Collins Station	6025	1	293	293		31	0	0	262
IL	Collins Station	6025	2	296	96		31	0	0	65
IL	Collins Station	6025	3	455	55		31	0	0	24
IL	Collins Station	6025	CS0405 (4, 5)			0				
IL	Collins Station	6025	4	281	6		0	0	0	6
IL	Collins Station	6025	5	444	9		0	0	0	9
IL	Collins Station	6025	OVERDF	0	0		0	0	0	0
IL	Cordova Energy Center	55188	1	0	0	7	0	0	0	0
IL	Cordova Energy Center	55188	2	0	0	8	0	0	0	0
IL	Cordova Energy Center	55188	OVERDF	79	23		15	0	0	8
IL	Corn Products International, Inc.	54556	B01	210	370	370	370	0	0	0
IL	Corn Products International, Inc.	54556	B02	210	430	430	430	0	0	0
IL	Corn Products International, Inc.	54556	B03	211	414	414	414	0	0	0
IL	Corn Products International, Inc.	54556	B04	81	0	0	0	0	0	0
IL	Corn Products International, Inc.	54556	B05	81	4	4	4	0	0	0
IL	Corn Products International, Inc.	54556	B06	55	3	3	3	0	0	0
IL	Corn Products International, Inc.	54556	B07	0	9	9	9	0	0	0
IL	Corn Products International, Inc.	54556	OVERDF	0	99		0	0	0	99
IL	Crawford	867	7	354	374	328	328	0	0	46
IL	Crawford	867	8	449	524	464	464	0	0	60
IL	Crawford	867	OVERDF	0	0		0	0	0	0
IL	Crete Energy Park	55253	GT1	0	0	0	0	0	0	0
IL	Crete Energy Park	55253	GT2	0	0	0	0	0	0	0
IL	Crete Energy Park	55253	GT3	0	0	0	0	0	0	0
IL	Crete Energy Park	55253	GT4	0	0	0	0	0	0	0
IL	Crete Energy Park	55253	OVERDF	5	5		0	0	0	5
IL	Dallman	963	CS3132 (31, 32)			240				
IL	Dallman	963	31	137	137		120	0	0	17
IL	Dallman	963	32	196	196		120	0	0	76
IL	Dallman	963	33	459	409	217	217	0	0	192
IL	Dallman	963	OVERDF	0	50		0	0	0	50
IL	Duck Creek	6016	1	886	415	394	394	0	0	21
IL	E D Edwards	856	1	244	372	372	372	0	0	0
IL	E D Edwards	856	2	357	884	884	884	0	0	0
IL	E D Edwards	856	3	635	366	364	364	0	0	2
IL	E D Edwards	856	OVERDF	0	85		0	0	0	85
IL	Elgin Energy Center	55438	CT01	0	2	2	2	0	0	0
IL	Elgin Energy Center	55438	CT02	0	2	2	2	0	0	0
IL	Elgin Energy Center	55438	CT03	0	1	1	1	0	0	0
IL	Elgin Energy Center	55438	CT04	0	2	2	2	0	0	0
IL	Elgin Energy Center	55438	OVERDF	15	8		0	0	0	8

APPENDIX A: 2004 EMISSIONS AND ALLOWANCE HOLDINGS OF NOx BUDGET SOURCES

STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
IL	Elwood Energy Facility	55199	1	0	0	5	0	0	0	0
IL	Elwood Energy Facility	55199	2	0	0	5	0	0	0	0
IL	Elwood Energy Facility	55199	3	0	0	5	0	0	0	0
IL	Elwood Energy Facility	55199	4	0	0	6	0	0	0	0
IL	Elwood Energy Facility	55199	5	0	0	4	0	0	0	0
IL	Elwood Energy Facility	55199	6	0	0	4	0	0	0	0
IL	Elwood Energy Facility	55199	7	0	0	1	0	0	0	0
IL	Elwood Energy Facility	55199	8	0	0	3	0	0	0	0
IL	Elwood Energy Facility	55199	9	0	0	3	0	0	0	0
IL	Elwood Energy Facility	55199	OVERDF	141	141		36	0	0	105
IL	Exxonmobil Oil Corporation	50627	20B1	0	0	43	0	0	0	0
IL	Exxonmobil Oil Corporation	50627	55B100	0	0	17	0	0	0	0
IL	Exxonmobil Oil Corporation	50627	OVERDF	186	186		60	0	0	126
IL	Factory Gas Turbine	8016	2	88	8	0	0	0	0	8
IL	Fisk	886	19	507	507	441	441	0	0	66
IL	Fisk	886	311	9	9	4	4	0	0	5
IL	Fisk	886	312	9	9	1	1	0	0	8
IL	Fisk	886	321	9	9	1	1	0	0	8
IL	Fisk	886	322	9	9	1	1	0	0	8
IL	Fisk	886	331	8	8	1	1	0	0	7
IL	Fisk	886	332	8	8	1	1	0	0	7
IL	Fisk	886	341	8	8	1	1	0	0	7
IL	Fisk	886	342	8	8	1	1	0	0	7
IL	Fisk	886	OVERDF	0	0		0	0	0	0
IL	Flint Hills Resources, LP - Joliet Plant	880089	CB706	0	3	2	2	0	0	1
IL	Freedom Power Project	7842	CT1	5	5	0	0	0	0	5
IL	Gibson City Power Plant	55201	GCTG1	0	0	0	0	0	0	0
IL	Gibson City Power Plant	55201	GCTG2	0	0	0	0	0	0	0
IL	Gibson City Power Plant	55201	OVERDF	24	24		0	0	0	24
IL	Goose Creek Energy Center	55496	CT-01	0	0	0	0	0	0	0
IL	Goose Creek Energy Center	55496	CT-02	0	0	0	0	0	0	0
IL	Goose Creek Energy Center	55496	CT-03	0	0	0	0	0	0	0
IL	Goose Creek Energy Center	55496	CT-04	0	0	0	0	0	0	0
IL	Goose Creek Energy Center	55496	CT-05	0	0	0	0	0	0	0
IL	Goose Creek Energy Center	55496	CT-06	0	0	0	0	0	0	0
IL	Goose Creek Energy Center	55496	OVERDF	0	0		0	0	0	0
IL	Grand Tower	862	CT01	137	13	13	13	0	0	0
IL	Grand Tower	862	CT02	0	27	27	27	0	0	0
IL	Grand Tower	862	OVERDF	0	53		0	0	0	53
IL	Havana	891	1	0	5	0	0	0	0	5
IL	Havana	891	2	0	5	0	0	0	0	5
IL	Havana	891	3	0	5	0	0	0	0	5
IL	Havana	891	4	0	5	0	0	0	0	5

APPENDIX A: 2004 EMISSIONS AND ALLOWANCE HOLDINGS OF NOx BUDGET SOURCES

STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
IL	Havana	891	5	0	5	0	0	0	0	5
IL	Havana	891	6	0	5	1	1	0	0	4
IL	Havana	891	7	0	5	0	0	0	0	5
IL	Havana	891	8	0	5	0	0	0	0	5
IL	Havana	891	9	531	509	174	174	0	0	335
IL	Havana	891	OVERDF	102	0		0	0	0	0
IL	Hennepin Power Station	892	CS3 (1, 2)			473				
IL	Hennepin Power Station	892	1	145	256		112	0	0	144
IL	Hennepin Power Station	892	2	523	877		361	0	0	516
IL	Hennepin Power Station	892	OVERDF	0	0		0	0	0	0
IL	Holland Energy Facility	55334	CTG1	0	0	6	0	0	0	0
IL	Holland Energy Facility	55334	CTG2	0	0	6	0	0	0	0
IL	Holland Energy Facility	55334	OVERDF	27	27		12	0	0	15
IL	Hutsonville	863	05	156	217	217	217	0	0	0
IL	Hutsonville	863	06	125	238	238	238	0	0	0
IL	Hutsonville	863	OVERDF	0	50		0	0	0	50
IL	Interstate	7425	1	15	15	4	4	0	0	11
IL	Joliet 29	384	CS7172 (71, 72)			699				
IL	Joliet 29	384	71	441	441		350	0	0	91
IL	Joliet 29	384	72	687	402		349	0	0	53
IL	Joliet 29	384	CS8182 (81, 82)			880				
IL	Joliet 29	384	81	725	520		440	0	0	80
IL	Joliet 29	384	82	482	482		440	0	0	42
IL	Joliet 29	384	OVERDF	0	0		0	0	0	0
IL	Joliet 9	874	5	115	1,115	1,062	1,062	0	0	53
IL	Joppa Steam	887	CS1 (1, 2)			655				
IL	Joppa Steam	887	1	466	328		328	0	0	0
IL	Joppa Steam	887	2	499	328		327	0	0	1
IL	Joppa Steam	887	CS2 (3, 4)			631				
IL	Joppa Steam	887	3	497	316		316	0	0	0
IL	Joppa Steam	887	4	372	316		315	0	0	1
IL	Joppa Steam	887	CS3 (5, 6)			671				
IL	Joppa Steam	887	5	449	336		336	0	0	0
IL	Joppa Steam	887	6	508	336		335	0	0	1
IL	Joppa Steam	887	OVERDF	3,595	10		0	0	0	10
IL	Kendall County Generating Facility	55131	GTG-1	0	0	18	0	0	0	0
IL	Kendall County Generating Facility	55131	GTG-2	0	0	13	0	0	0	0
IL	Kendall County Generating Facility	55131	GTG-3	0	0	9	0	0	0	0
IL	Kendall County Generating Facility	55131	GTG-4	0	0	18	0	0	0	0
IL	Kendall County Generating Facility	55131	OVERDF	124	124		58	0	0	66
IL	Kincaid Station	876	CS0102 (1, 2)			1,083				
IL	Kincaid Station	876	1	0	311		311	0	0	0
IL	Kincaid Station	876	2	0	311		311	0	0	0

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STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
IL	Kincaid Station	876	OVERDF	2,235	1,613		461	0	0	1,152
IL	Kinmundy Power Plant	55204	KCTG1	0	0	0	0	0	0	0
IL	Kinmundy Power Plant	55204	KCTG2	0	0	0	0	0	0	0
IL	Kinmundy Power Plant	55204	OVERDF	21	21		0	0	0	21
IL	Lakeside	964	CS0078 (7, 8)			124				
IL	Lakeside	964	7	46	66		62	0	0	4
IL	Lakeside	964	8	41	71		62	0	0	9
IL	Lakeside	964	OVERDF	0	30		0	0	0	30
IL	Lee Energy Facility	55236	CT1	0	0	0	0	0	0	0
IL	Lee Energy Facility	55236	CT2	0	0	0	0	0	0	0
IL	Lee Energy Facility	55236	CT3	0	0	0	0	0	0	0
IL	Lee Energy Facility	55236	CT4	0	0	0	0	0	0	0
IL	Lee Energy Facility	55236	CT5	0	0	0	0	0	0	0
IL	Lee Energy Facility	55236	CT6	0	0	0	0	0	0	0
IL	Lee Energy Facility	55236	CT7	0	0	0	0	0	0	0
IL	Lee Energy Facility	55236	CT8	0	0	0	0	0	0	0
IL	Lee Energy Facility	55236	OVERDF	21	8		0	0	0	8
IL	Lemont Refinery	880076	430B-1	23	40	39	39	0	0	1
IL	Lincoln Generating Facility	55222	CTG-1	0	0	0	0	0	0	0
IL	Lincoln Generating Facility	55222	CTG-2	0	0	0	0	0	0	0
IL	Lincoln Generating Facility	55222	CTG-3	0	0	0	0	0	0	0
IL	Lincoln Generating Facility	55222	CTG-4	0	0	0	0	0	0	0
IL	Lincoln Generating Facility	55222	CTG-5	0	0	0	0	0	0	0
IL	Lincoln Generating Facility	55222	CTG-6	0	0	0	0	0	0	0
IL	Lincoln Generating Facility	55222	CTG-7	0	0	0	0	0	0	0
IL	Lincoln Generating Facility	55222	CTG-8	0	0	0	0	0	0	0
IL	Lincoln Generating Facility	55222	OVERDF	41	50		0	0	0	50
IL	Marathon Ashland Petroleum LLC	880088	59F-3	0	0	37	0	0	0	0
IL	Marathon Ashland Petroleum LLC	880088	59F-4	0	0	27	0	0	0	0
IL	Marathon Ashland Petroleum LLC	880088	OVERDF	106	106		64	0	0	42
IL	Marion	976	123	1	230	153	153	0	0	77
IL	Marion	976	4	495	295	180	180	0	0	115
IL	Marion	976	5	0	13	1	1	0	0	12
IL	Marion	976	6	0	10	1	1	0	0	9
IL	MEP Flora Power	55417	CT-01	0	0	0	0	0	0	0
IL	MEP Flora Power	55417	CT-02	0	0	0	0	0	0	0
IL	MEP Flora Power	55417	CT-03	0	0	0	0	0	0	0
IL	MEP Flora Power	55417	CT-04	0	0	0	0	0	0	0
IL	MEP Flora Power	55417	OVERDF	7	7		0	0	0	7
IL	MEPI Gt Facility	7858	1	13	2	1	1	0	0	1
IL	MEPI Gt Facility	7858	2	13	2	1	1	0	0	1
IL	MEPI Gt Facility	7858	3	12	2	1	1	0	0	1
IL	MEPI Gt Facility	7858	4	5	1	0	0	0	0	1

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IL	MEPI Gt Facility	7858	5	5	1	0	0	0	0	1
IL	MEPI Gt Facility	7858	OVERDF	0	0		0	0	0	0
IL	Meredosia	864	CS0001 (01, 02, 03, 04)			249				
IL	Meredosia	864	01	32	56		56	0	0	0
IL	Meredosia	864	02	22	65		65	0	0	0
IL	Meredosia	864	03	21	56		56	0	0	0
IL	Meredosia	864	04	28	72		72	0	0	0
IL	Meredosia	864	05	418	625	625	625	0	0	0
IL	Meredosia	864	06	28	3	3	3	0	0	0
IL	Meredosia	864	OVERDF	0	224		0	0	0	224
IL	Naval Training Center-Great Lakes	880091	GLBLR5	26	26	0	0	0	0	26
IL	Naval Training Center-Great Lakes	880091	GLBLR6	26	26	0	0	0	0	26
IL	Newton	6017	1	2,063	710	710	710	0	0	0
IL	Newton	6017	2	1,041	710	710	710	0	0	0
IL	Newton	6017	OVERDF	0	267		0	0	0	267
IL	NRG Rockford Energy Center	55238	0001	0	0	2	0	0	0	0
IL	NRG Rockford Energy Center	55238	0002	0	0	3	0	0	0	0
IL	NRG Rockford Energy Center	55238	OVERDF	16	16		5	0	0	11
IL	NRG Rockford II Energy Center	55936	U1	7	7	2	2	0	0	5
IL	Pinckneyville Power Plant	55202	CT01	0	3	3	3	0	0	0
IL	Pinckneyville Power Plant	55202	CT02	0	3	3	3	0	0	0
IL	Pinckneyville Power Plant	55202	CT03	0	3	3	3	0	0	0
IL	Pinckneyville Power Plant	55202	CT04	0	3	3	3	0	0	0
IL	Pinckneyville Power Plant	55202	CT05	0	0	0	0	0	0	0
IL	Pinckneyville Power Plant	55202	CT06	0	0	0	0	0	0	0
IL	Pinckneyville Power Plant	55202	CT07	0	0	0	0	0	0	0
IL	Pinckneyville Power Plant	55202	CT08	0	0	0	0	0	0	0
IL	Pinckneyville Power Plant	55202	OVERDF	67	55		0	0	0	55
IL	Powerton	879	CS0506 (51, 52, 61, 62)			6,674				
IL	Powerton	879	51	716	1,686		1,668	0	0	18
IL	Powerton	879	52	716	1,686		1,668	0	0	18
IL	Powerton	879	61	716	1,686		1,668	0	0	18
IL	Powerton	879	62	716	1,686		1,670	0	0	16
IL	Powerton	879	OVERDF	4,815	769		0	0	0	769
IL	PPL University Park Power Project	55640	CT01	0	8	8	8	0	0	0
IL	PPL University Park Power Project	55640	CT02	0	7	7	7	0	0	0
IL	PPL University Park Power Project	55640	CT03	0	5	5	5	0	0	0
IL	PPL University Park Power Project	55640	CT04	0	5	5	5	0	0	0
IL	PPL University Park Power Project	55640	CT05	0	1	1	1	0	0	0
IL	PPL University Park Power Project	55640	CT06	0	1	1	1	0	0	0
IL	PPL University Park Power Project	55640	CT07	0	4	4	4	0	0	0
IL	PPL University Park Power Project	55640	CT08	0	4	4	4	0	0	0
IL	PPL University Park Power Project	55640	CT09	0	2	2	2	0	0	0

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IL	PPL University Park Power Project	55640	CT10	0	2	2	2	0	0	0
IL	PPL University Park Power Project	55640	CT11	0	1	1	1	0	0	0
IL	PPL University Park Power Project	55640	CT12	0	2	2	2	0	0	0
IL	PPL University Park Power Project	55640	OVERDF	8	0		0	0	0	0
IL	Reliant Energy - Aurora	55279	AGS01	5	5	2	2	0	0	3
IL	Reliant Energy - Aurora	55279	AGS02	7	7	2	2	0	0	5
IL	Reliant Energy - Aurora	55279	AGS03	8	8	1	1	0	0	7
IL	Reliant Energy - Aurora	55279	AGS04	5	5	1	1	0	0	4
IL	Reliant Energy - Aurora	55279	AGS05	7	7	1	1	0	0	6
IL	Reliant Energy - Aurora	55279	AGS06	9	9	1	1	0	0	8
IL	Reliant Energy - Aurora	55279	AGS07	9	9	1	1	0	0	8
IL	Reliant Energy - Aurora	55279	AGS08	8	8	1	1	0	0	7
IL	Reliant Energy - Aurora	55279	AGS09	7	7	1	1	0	0	6
IL	Reliant Energy - Aurora	55279	AGS10	8	8	1	1	0	0	7
IL	Reliant Energy Shelby County	55237	OVERDF	43	43		0	0	0	43
IL	Reliant Energy Shelby County	55237	SCE1	0	0	0	0	0	0	0
IL	Reliant Energy Shelby County	55237	SCE2	0	0	0	0	0	0	0
IL	Reliant Energy Shelby County	55237	SCE3	0	0	0	0	0	0	0
IL	Reliant Energy Shelby County	55237	SCE4	0	0	0	0	0	0	0
IL	Reliant Energy Shelby County	55237	SCE5	0	0	0	0	0	0	0
IL	Reliant Energy Shelby County	55237	SCE6	0	0	0	0	0	0	0
IL	Reliant Energy Shelby County	55237	SCE7	0	0	0	0	0	0	0
IL	Reliant Energy Shelby County	55237	SCE8	0	0	0	0	0	0	0
IL	Rocky Road Power, LLC	55109	OVERDF	25	0		0	0	0	0
IL	Rocky Road Power, LLC	55109	T1	0	9	1	1	0	0	8
IL	Rocky Road Power, LLC	55109	T2	0	8	2	2	0	0	6
IL	Rocky Road Power, LLC	55109	T3	0	3	0	0	0	0	3
IL	Rocky Road Power, LLC	55109	T4	0	5	1	1	0	0	4
IL	Southeast Chicago Energy Project	55281	CTG10	0	3	1	1	0	0	2
IL	Southeast Chicago Energy Project	55281	CTG11	0	4	2	2	0	1	1
IL	Southeast Chicago Energy Project	55281	CTG12	0	4	2	2	0	1	1
IL	Southeast Chicago Energy Project	55281	CTG5	0	4	2	2	0	0	2
IL	Southeast Chicago Energy Project	55281	CTG6	0	4	2	2	0	0	2
IL	Southeast Chicago Energy Project	55281	CTG7	0	4	2	2	0	0	2
IL	Southeast Chicago Energy Project	55281	CTG8	0	3	2	2	0	1	0
IL	Southeast Chicago Energy Project	55281	CTG9	0	4	2	2	0	0	2
IL	Southeast Chicago Energy Project	55281	OVERDF	0	0		0	0	0	0
IL	Tilton Power Station	7760	1	0	10	2	2	0	0	8
IL	Tilton Power Station	7760	2	0	10	2	2	0	0	8
IL	Tilton Power Station	7760	3	0	10	3	3	0	0	7
IL	Tilton Power Station	7760	4	0	10	4	4	0	0	6
IL	Tilton Power Station	7760	OVERDF	44	44		0	0	0	44
IL	Tuscola Energy Plant	55245	1	0	0	88	0	0	0	0

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IL	Tuscola Energy Plant	55245	2	0	0	0	0	0	0	0
IL	Tuscola Energy Plant	55245	3	0	0	110	0	0	0	0
IL	Tuscola Energy Plant	55245	4	0	0	132	0	0	0	0
IL	Tuscola Energy Plant	55245	OVERDF	483	358		330	0	0	28
IL	University Park Energy	55250	OVERDF	20	23		22	0	0	1
IL	University Park Energy	55250	UP1	0	0	1	0	0	0	0
IL	University Park Energy	55250	UP10	0	0	2	0	0	0	0
IL	University Park Energy	55250	UP11	0	0	2	0	0	0	0
IL	University Park Energy	55250	UP12	0	0	2	0	0	0	0
IL	University Park Energy	55250	UP2	0	0	1	0	0	0	0
IL	University Park Energy	55250	UP3	0	0	2	0	0	0	0
IL	University Park Energy	55250	UP4	0	0	2	0	0	0	0
IL	University Park Energy	55250	UP5	0	0	2	0	0	0	0
IL	University Park Energy	55250	UP6	0	0	2	0	0	0	0
IL	University Park Energy	55250	UP7	0	0	2	0	0	0	0
IL	University Park Energy	55250	UP8	0	0	2	0	0	0	0
IL	University Park Energy	55250	UP9	0	0	2	0	0	0	0
IL	US Steel (South Works)	880047	1	90	3	0	0	0	0	3
IL	US Steel (South Works)	880047	6	90	2	0	0	0	0	2
IL	US Steel (South Works)	880047	OVERDF	0	0		0	0	0	0
IL	Venice	913	CT1	4	0	0	0	0	0	0
IL	Venice	913	CT2A	0	9	1	1	0	0	8
IL	Venice	913	CT2B	0	12	1	1	0	0	11
IL	Venice	913	OVERDF	2	52		0	0	0	52
IL	Vermilion Power Station	897	CS3 (1, 2)			464				
IL	Vermilion Power Station	897	1	16	294		205	0	0	89
IL	Vermilion Power Station	897	2	31	390		259	0	0	131
IL	Vermilion Power Station	897	OVERDF	0	0		0	0	0	0
IL	Waukegan	883	17	193	843	748	748	0	0	95
IL	Waukegan	883	311	4	4	1	1	0	0	3
IL	Waukegan	883	312	5	5	1	1	0	0	4
IL	Waukegan	883	321	5	5	1	1	0	0	4
IL	Waukegan	883	322	5	5	1	1	0	0	4
IL	Waukegan	883	7	364	564	503	503	0	0	61
IL	Waukegan	883	8	647	647	470	470	0	0	177
IL	Waukegan	883	OVERDF	0	0		0	0	0	0
IL	Will County	884	1	353	7	0	0	0	0	7
IL	Will County	884	2	343	7	0	0	0	0	7
IL	Will County	884	3	436	456	402	402	0	0	54
IL	Will County	884	4	743	873	777	777	0	0	96
IL	Will County	884	OVERDF	0	0		0	0	0	0
IL	Wood River Power Station	898	CS1 (1, 2, 3)			0				
IL	Wood River Power Station	898	1	0	5		0	0	0	5

APPENDIX A: 2004 EMISSIONS AND ALLOWANCE HOLDINGS OF NOx BUDGET SOURCES

STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
IL	Wood River Power Station	898	2	0	5		0	0	0	5
IL	Wood River Power Station	898	3	0	5		0	0	0	5
IL	Wood River Power Station	898	4	212	332	209	209	0	0	123
IL	Wood River Power Station	898	5	692	892	612	612	0	0	280
IL	Wood River Power Station	898	OVERDF	171	0		0	0	0	0
IL	Wood River Refinery	880067	BLR15	0	0	28	0	0	0	0
IL	Wood River Refinery	880067	BLR16	0	0	51	0	0	0	0
IL	Wood River Refinery	880067	BLR17	0	0	48	0	0	0	0
IL	Wood River Refinery	880067	OVERDF	160	160		127	0	0	33
IL	Zion Energy Center	55392	CT-1	25	1	1	1	0	0	0
IL	Zion Energy Center	55392	CT-2	16	2	2	2	0	0	0
IL	Zion Energy Center	55392	CT-3	14	3	3	3	0	0	0
IN	A B Brown Generating Station	6137	1	539	1,198	1,155	1,155	0	0	43
IN	A B Brown Generating Station	6137	2	606	414	303	303	0	0	111
IN	A B Brown Generating Station	6137	3	18	18	1	1	0	0	17
IN	A B Brown Generating Station	6137	4	14	14	1	1	13	0	0
IN	A B Brown Generating Station	6137	OVERDF	0	0		0	0	0	0
IN	Anderson	7336	ACT1	10	10	0	0	0	0	10
IN	Anderson	7336	ACT2	9	9	0	0	0	0	9
IN	Anderson	7336	ACT3	41	41	0	0	41	0	0
IN	Anderson	7336	OVERDF	0	0		0	0	0	0
IN	Bailly Generating Station	995	10	6	6	0	0	0	0	6
IN	Bailly Generating Station	995	XS12 (7, 8)			2,456				
IN	Bailly Generating Station	995	7	1,033	1,242		1,228	0	0	14
IN	Bailly Generating Station	995	8	1,916	1,907		1,228	0	0	679
IN	Bailly Generating Station	995	OVERDF	0	100		0	0	0	100
IN	BP Whiting Business Unit	52130	CS5-01 (1SPS13, 1SPS14)			33				
IN	BP Whiting Business Unit	52130	1SPS13	23	33		16	0	0	17
IN	BP Whiting Business Unit	52130	1SPS14	23	23		17	0	0	6
IN	BP Whiting Business Unit	52130	CS5-02 (1SPS15, 1SPS16, 1SPS17)			41				
IN	BP Whiting Business Unit	52130	1SPS15	23	23		14	0	0	9
IN	BP Whiting Business Unit	52130	1SPS16	23	23		14	0	0	9
IN	BP Whiting Business Unit	52130	1SPS17	24	24		13	0	0	11
IN	BP Whiting Business Unit	52130	3SPS31	275	138	148	138	0	0	0
IN	BP Whiting Business Unit	52130	3SPS32	275	34	34	34	0	0	0
IN	BP Whiting Business Unit	52130	3SPS33	275	34	29	29	0	0	5
IN	BP Whiting Business Unit	52130	3SPS34	275	212	233	212	0	0	0
IN	BP Whiting Business Unit	52130	3SPS36	275	27	25	25	0	0	2
IN	BP Whiting Business Unit	52130	OVERDF	0	118		31	0	0	87
IN	Broadway Avenue Generating Station	1011	1	16	16	3	3	0	0	13
IN	Broadway Avenue Generating Station	1011	2	29	29	3	3	0	0	26
IN	Broadway Avenue Generating Station	1011	OVERDF	0	0		0	0	0	0
IN	C. C. Perry K Steam Plant	992	CS003 (11, 12)			202				

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STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
IN	C. C. Perry K Steam Plant	992	11	136	11		10	0	0	1
IN	C. C. Perry K Steam Plant	992	12	151	222		192	0	0	30
IN	C. C. Perry K Steam Plant	992	13	93	35	30	30	0	0	5
IN	C. C. Perry K Steam Plant	992	14	82	20	16	16	0	0	4
IN	C. C. Perry K Steam Plant	992	CS001 (15, 16)			99				
IN	C. C. Perry K Steam Plant	992	15	59	54		50	0	0	4
IN	C. C. Perry K Steam Plant	992	16	75	54		49	0	0	5
IN	C. C. Perry K Steam Plant	992	OVERDF	0	0		0	0	0	0
IN	Cayuga	1001	1	1,387	1,659	1,747	1,659	0	0	0
IN	Cayuga	1001	2	1,498	1,837	1,934	1,837	0	0	0
IN	Cayuga	1001	4	37	3	3	3	0	0	0
IN	Cayuga	1001	OVERDF	0	368		185	0	0	183
IN	Clifty Creek	983	CS001 (1, 2, 3)			603				
IN	Clifty Creek	983	1	532	811		199	0	0	612
IN	Clifty Creek	983	2	518	797		199	0	0	598
IN	Clifty Creek	983	3	537	816		205	0	0	611
IN	Clifty Creek	983	CS002 (4, 5, 6)			1,504				
IN	Clifty Creek	983	4	501	780		496	0	0	284
IN	Clifty Creek	983	5	534	813		496	0	0	317
IN	Clifty Creek	983	6	2,158	763		512	0	0	251
IN	Clifty Creek	983	OVERDF	0	0		0	0	0	0
IN	Connersville Peaking Station	1002	1A	6	0	0	0	0	0	0
IN	Connersville Peaking Station	1002	1B	0	0	0	0	0	0	0
IN	Connersville Peaking Station	1002	2A	6	0	0	0	0	0	0
IN	Connersville Peaking Station	1002	2B	0	0	0	0	0	0	0
IN	Connersville Peaking Station	1002	OVERDF	0	12		0	0	0	12
IN	Dean H Mitchell Generating Station	996	11	219	219		0	0	0	219
IN	Dean H Mitchell Generating Station	996	CS45 (4, 5)			0				
IN	Dean H Mitchell Generating Station	996	4	148	148		0	0	0	148
IN	Dean H Mitchell Generating Station	996	5	256	256		0	0	0	256
IN	Dean H Mitchell Generating Station	996	CS611 (6, 11)			0				
IN	Dean H Mitchell Generating Station	996	6	238	238		0	0	0	238
IN	Dean H Mitchell Generating Station	996	OVERDF	0	0		0	0	0	0
IN	Edwardsport	1004	6-1	15	0	0	0	0	0	0
IN	Edwardsport	1004	7-1	126	84	85	84	0	0	0
IN	Edwardsport	1004	7-2	116	62	63	62	0	0	0
IN	Edwardsport	1004	8-1	107	92	93	92	0	0	0
IN	Edwardsport	1004	OVERDF	0	39		3	0	0	36
IN	F B Culley Generating Station	1012	1	67	267	257	257	0	0	10
IN	F B Culley Generating Station	1012	XS23 (2, 3)			789				
IN	F B Culley Generating Station	1012	2	241	815		789	0	0	26
IN	F B Culley Generating Station	1012	3	991	0		0	0	0	0
IN	F B Culley Generating Station	1012	OVERDF	0	0		0	0	0	0

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STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
IN	Frank E Ratts	1043	1SG1	256	656	603	603	0	0	53
IN	Frank E Ratts	1043	2SG1	282	682	667	667	0	0	15
IN	Frank E Ratts	1043	OVERDF	0	0		0	0	0	0
IN	Georgetown Substation	7759	GT1	21	21	1	1	20	0	0
IN	Georgetown Substation	7759	GT2	21	21	0	0	21	0	0
IN	Georgetown Substation	7759	GT3	21	21	1	1	20	0	0
IN	Georgetown Substation	7759	GT4	21	21	1	1	20	0	0
IN	Georgetown Substation	7759	OVERDF	0	0		0	0	0	0
IN	Gibson	6113	CS0003 (1, 2)			3,654				
IN	Gibson	6113	1	2,906	1,736		1,736	0	0	0
IN	Gibson	6113	2	1,390	1,736		1,736	0	0	0
IN	Gibson	6113	XS34 (3, 4)			2,363				
IN	Gibson	6113	3	2,884	0		0	0	0	0
IN	Gibson	6113	4	2,543	0		0	0	0	0
IN	Gibson	6113	5	1,492	1,458	1,535	1,458	0	0	0
IN	Gibson	6113	OVERDF	0	2,999		2,622	0	0	377
IN	Harding Street Station (EW Stout)	990	10	5	5	0	0	0	0	5
IN	Harding Street Station (EW Stout)	990	50	273	356	339	339	0	0	17
IN	Harding Street Station (EW Stout)	990	60	219	267	254	254	0	0	13
IN	Harding Street Station (EW Stout)	990	70	866	1,359	1,294	1,294	0	0	65
IN	Harding Street Station (EW Stout)	990	9	6	6	0	0	0	0	6
IN	Harding Street Station (EW Stout)	990	GT4	30	30	2	2	0	0	28
IN	Harding Street Station (EW Stout)	990	GT5	28	28	3	3	0	0	25
IN	Harding Street Station (EW Stout)	990	GT6	40	40	1	1	39	0	0
IN	Harding Street Station (EW Stout)	990	OVERDF	0	0		0	0	0	0
IN	Henry County Generating Station	7763	1	17	17	3	3	14	0	0
IN	Henry County Generating Station	7763	2	17	17	3	3	14	0	0
IN	Henry County Generating Station	7763	3	17	17	3	3	14	0	0
IN	Henry County Generating Station	7763	OVERDF	0	0		0	0	0	0
IN	IPL Eagle Valley Generating Station	991	1	4	4	0	0	0	0	4
IN	IPL Eagle Valley Generating Station	991	2	4	4	0	0	0	0	4
IN	IPL Eagle Valley Generating Station	991	CS592 (3, 4)			410				
IN	IPL Eagle Valley Generating Station	991	3	81	153		135	0	0	18
IN	IPL Eagle Valley Generating Station	991	4	104	287		275	0	0	12
IN	IPL Eagle Valley Generating Station	991	CS596 (5, 6)			491				
IN	IPL Eagle Valley Generating Station	991	5	98	214		182	0	0	32
IN	IPL Eagle Valley Generating Station	991	6	209	369		309	0	0	60
IN	IPL Eagle Valley Generating Station	991	OVERDF	0	0		0	0	0	0
IN	Ispat Inland Inc	10474	211	110	4	4	4	0	0	0
IN	Ispat Inland Inc	10474	212	110	3	3	3	0	0	0
IN	Ispat Inland Inc	10474	213	109	3	2	2	0	0	1
IN	Ispat Inland Inc	10474	CS5 (501, 502, 503)			118				
IN	Ispat Inland Inc	10474	501	137	40		39	0	0	1

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IN	Ispat Inland Inc	10474	502	137	40		39	0	0	1
IN	Ispat Inland Inc	10474	503	137	40		40	0	0	0
IN	Ispat Inland Inc	10474	OVERDF	0	0		0	0	0	0
IN	Merom	6213	1SG1	1,405	1,405	738	738	0	0	667
IN	Merom	6213	2SG1	1,538	738	332	332	0	0	406
IN	Merom	6213	OVERDF	0	0		0	0	0	0
IN	Michigan City Generating Station	997	12	2,018	1,617	651	651	0	0	966
IN	Michigan City Generating Station	997	4	22	22	0	0	0	0	22
IN	Michigan City Generating Station	997	5	16	16	0	0	0	0	16
IN	Michigan City Generating Station	997	6	15	15	0	0	0	0	15
IN	Michigan City Generating Station	997	OVERDF	0	100		0	0	0	100
IN	Mirant Sugar Creek, LLC	55364	CT11	43	43	11	11	32	0	0
IN	Mirant Sugar Creek, LLC	55364	CT12	43	43	13	13	30	0	0
IN	Mirant Sugar Creek, LLC	55364	OVERDF	0	0		0	0	0	0
IN	Montpelier Electric Gen Station	55229	G1CT1	15	15	0	0	15	0	0
IN	Montpelier Electric Gen Station	55229	G1CT2	15	15	0	0	15	0	0
IN	Montpelier Electric Gen Station	55229	G2CT1	15	15	1	1	14	0	0
IN	Montpelier Electric Gen Station	55229	G2CT2	15	15	1	1	14	0	0
IN	Montpelier Electric Gen Station	55229	G3CT1	15	15	1	1	14	0	0
IN	Montpelier Electric Gen Station	55229	G3CT2	15	15	1	1	14	0	0
IN	Montpelier Electric Gen Station	55229	G4CT1	15	15	1	1	14	0	0
IN	Montpelier Electric Gen Station	55229	G4CT2	15	15	1	1	14	0	0
IN	Montpelier Electric Gen Station	55229	OVERDF	0	0		0	0	0	0
IN	New Energy Corp	880087	U-4000	260	260	0	0	0	0	260
IN	Noblesville	1007	CT3	24	24	4	4	20	0	0
IN	Noblesville	1007	CT4	24	24	3	3	21	0	0
IN	Noblesville	1007	CT5	24	24	4	4	20	0	0
IN	Noblesville	1007	OVERDF	0	0		0	0	0	0
IN	Petersburg	994	1	529	876	834	834	0	0	42
IN	Petersburg	994	2	1,216	564	185	185	0	0	379
IN	Petersburg	994	3	1,319	419	314	314	0	0	105
IN	Petersburg	994	4	1,452	1,502	1,430	1,430	0	0	72
IN	Petersburg	994	OVERDF	0	0		0	0	0	0
IN	Portside Energy	55096	BLR1	55	3	3	3	0	0	0
IN	Portside Energy	55096	BLR2	5	3	3	3	0	0	0
IN	Portside Energy	55096	CT	37	13	13	13	0	0	0
IN	Portside Energy	55096	OVERDF	0	1		0	0	0	1
IN	PSEG Lawrenceburg Energy Facility	55502	1	29	29	0	0	29	0	0
IN	PSEG Lawrenceburg Energy Facility	55502	2	29	30	0	0	29	0	1
IN	PSEG Lawrenceburg Energy Facility	55502	3	29	31	1	1	28	0	2
IN	PSEG Lawrenceburg Energy Facility	55502	4	29	31	1	1	28	0	2
IN	PSEG Lawrenceburg Energy Facility	55502	OVERDF	0	1		0	0	0	1
IN	Purdue University-Wade Utility	50240	1	90	154	140	140	0	0	14

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IN	Purdue University-Wade Utility	50240	2	91	116	142	116	0	0	0
IN	Purdue University-Wade Utility	50240	3	8	2	1	1	0	0	1
IN	Purdue University-Wade Utility	50240	5	79	44	36	36	0	0	8
IN	Purdue University-Wade Utility	50240	OVERDF	0	52		26	0	0	26
IN	R Gallagher	1008	CS0001 (1, 2)			822				
IN	R Gallagher	1008	1	326	390		390	0	0	0
IN	R Gallagher	1008	2	346	390		390	0	0	0
IN	R Gallagher	1008	CS0002 (3, 4)			803				
IN	R Gallagher	1008	3	374	381		381	0	0	0
IN	R Gallagher	1008	4	314	381		381	0	0	0
IN	R Gallagher	1008	OVERDF	0	168		83	0	0	85
IN	R M Schahfer Generating Station	6085	14	1,514	1,514	634	634	0	0	880
IN	R M Schahfer Generating Station	6085	15	1,415	2,074	941	941	0	0	1,133
IN	R M Schahfer Generating Station	6085	16A	20	20	3	3	0	0	17
IN	R M Schahfer Generating Station	6085	16B	16	16	2	2	0	0	14
IN	R M Schahfer Generating Station	6085	17	1,339	1,478	833	833	0	0	645
IN	R M Schahfer Generating Station	6085	18	1,449	1,449	713	713	0	0	736
IN	R M Schahfer Generating Station	6085	OVERDF	0	100		0	0	0	100
IN	Richmond (IN)	7335	OVERDF	0	0		0	0	0	0
IN	Richmond (IN)	7335	RCT1	9	9	0	0	0	0	9
IN	Richmond (IN)	7335	RCT2	9	9	0	0	0	0	9
IN	Rockport	6166	AB1	2	2	0	0	0	0	2
IN	Rockport	6166	AB2	1	1	0	0	0	0	1
IN	Rockport	6166	CS012 (MB1, MB2)			6,537				
IN	Rockport	6166	MB1	3,543	4,391		3,289	0	0	1,102
IN	Rockport	6166	MB2	3,432	6,287		3,248	0	0	3,039
IN	Rockport	6166	OVERDF	0	0		0	0	0	0
IN	State Line Generating Station (IN)	981	3	412	420	415	415	0	0	5
IN	State Line Generating Station (IN)	981	4	1,336	1,708	1,703	1,703	0	0	5
IN	State Line Generating Station (IN)	981	OVERDF	0	0		0	0	0	0
IN	Tanners Creek	988	OVERDF	0	0		0	0	0	0
IN	Tanners Creek	988	CS013 (U1, U2, U3)			1,147				
IN	Tanners Creek	988	U1	485	246		237	0	0	9
IN	Tanners Creek	988	U2	462	468		409	0	0	59
IN	Tanners Creek	988	U3	585	600		501	0	0	99
IN	Tanners Creek	988	U4	6,137	2,671	1,674	1,674	0	0	997
IN	US Steel Cop. Gary Works	50733	701B1	78	28	28	28	0	0	0
IN	US Steel Cop. Gary Works	50733	701B2	78	65	65	65	0	0	0
IN	US Steel Cop. Gary Works	50733	701B3	78	73	73	73	0	0	0
IN	US Steel Cop. Gary Works	50733	701B5	86	9	9	9	0	0	0
IN	US Steel Cop. Gary Works	50733	701B6	145	14	14	14	0	0	0
IN	US Steel Cop. Gary Works	50733	720B1	107	11	11	11	0	0	0
IN	US Steel Cop. Gary Works	50733	720B2	107	13	12	12	0	0	1

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IN	US Steel Cop. Gary Works	50733	720B3	107	9	9	9	0	0	0
IN	US Steel Cop. Gary Works	50733	OVERDF	0	3	0	0	0	0	3
IN	Vermillion Energy Facility	55111	1	26	26	0	0	26	0	0
IN	Vermillion Energy Facility	55111	2	26	26	0	0	26	0	0
IN	Vermillion Energy Facility	55111	3	26	26	0	0	26	0	0
IN	Vermillion Energy Facility	55111	4	26	26	0	0	26	0	0
IN	Vermillion Energy Facility	55111	5	26	26	0	0	26	0	0
IN	Vermillion Energy Facility	55111	6	26	26	0	0	26	0	0
IN	Vermillion Energy Facility	55111	7	26	26	0	0	26	0	0
IN	Vermillion Energy Facility	55111	8	26	26	0	0	26	0	0
IN	Vermillion Energy Facility	55111	OVERDF	0	0	0	0	0	0	0
IN	Wabash River	1010	1	454	24	26	24	0	0	0
IN	Wabash River	1010	CS0005 (2, 3, 4, 5, 6)			2,886				
IN	Wabash River	1010	2	384	0	0	0	0	0	0
IN	Wabash River	1010	3	182	0	0	0	0	0	0
IN	Wabash River	1010	4	260	0	0	0	0	0	0
IN	Wabash River	1010	5	238	0	0	0	0	0	0
IN	Wabash River	1010	6	633	0	0	0	0	0	0
IN	Wabash River	1010	OVERDF	0	3,034	2,888	0	0	0	146
IN	Warrick	6705	XS123 (1, 2, 3)			2,303				
IN	Warrick	6705	1	1,188	774	773	0	0	0	1
IN	Warrick	6705	2	1,152	782	782	0	0	0	0
IN	Warrick	6705	3	1,119	746	746	0	0	0	0
IN	Warrick	6705	4	804	454	453	453	0	0	1
IN	Warrick	6705	OVERDF	0	24	2	0	0	0	22
IN	Wheatland Generating Facility LLC	55224	EU-01	21	21	0	0	21	0	0
IN	Wheatland Generating Facility LLC	55224	EU-02	21	21	0	0	21	0	0
IN	Wheatland Generating Facility LLC	55224	EU-03	21	21	0	0	21	0	0
IN	Wheatland Generating Facility LLC	55224	EU-04	21	21	0	0	21	0	0
IN	Wheatland Generating Facility LLC	55224	OVERDF	0	5	0	0	0	0	5
IN	Whitewater Valley	1040	CS12 (1, 2)			280				
IN	Whitewater Valley	1040	1	88	88	70	0	0	0	18
IN	Whitewater Valley	1040	2	202	252	210	0	0	0	42
IN	Whitewater Valley	1040	OVERDF	0	0	0	0	0	0	0
IN	Whiting Clean Energy, Inc.	55259	CT1	131	131	3	3	128	0	0
IN	Whiting Clean Energy, Inc.	55259	CT2	131	131	5	5	126	0	0
IN	Whiting Clean Energy, Inc.	55259	OVERDF	0	0	0	0	0	0	0
IN	Worthington Generation	55148	1	20	20	4	4	16	0	0
IN	Worthington Generation	55148	2	20	20	5	5	15	0	0
IN	Worthington Generation	55148	3	20	20	5	5	15	0	0
IN	Worthington Generation	55148	4	20	20	4	4	16	0	0
IN	Worthington Generation	55148	OVERDF	0	0	0	0	0	0	0
KY	Big Sandy	1353	AUX2	1	3	0	0	0	0	3

APPENDIX A: 2004 EMISSIONS AND ALLOWANCE HOLDINGS OF NO_x BUDGET SOURCES

STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NO _x EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
KY	Big Sandy	1353	CS012 (BSU1, BSU2)			1,032				
KY	Big Sandy	1353	BSU1	611	833		233	0	0	600
KY	Big Sandy	1353	BSU2	2,648	1,955		799	0	0	1,156
KY	Big Sandy	1353	OVERDF	0	0		0	0	0	0
KY	Bluegrass Generating Company, LLC	55164	GTG1	0	0	0	0	0	0	0
KY	Bluegrass Generating Company, LLC	55164	GTG2	0	0	0	0	0	0	0
KY	Bluegrass Generating Company, LLC	55164	GTG3	0	0	0	0	0	0	0
KY	Bluegrass Generating Company, LLC	55164	OVERDF	0	0		0	0	0	0
KY	Calvert City Cogen	55308	A	20	11	9	9	0	0	2
KY	Calvert City Cogen	55308	B	18	11	9	9	0	0	2
KY	Calvert City Cogen	55308	C	68	29	27	27	0	0	2
KY	Calvert City Cogen	55308	OVERDF	0	0		0	0	0	0
KY	Cane Run	1363	4	417	517	505	505	0	0	12
KY	Cane Run	1363	5	398	663	643	643	0	0	20
KY	Cane Run	1363	6	458	750	738	738	0	0	12
KY	Cane Run	1363	OVERDF	0	0		0	0	0	0
KY	Catlettsburg Refining, LLC	880038	061	29	29	24	24	0	0	5
KY	Coleman	1381	C1	382	522	515	515	0	0	7
KY	Coleman	1381	C2	452	547	543	543	0	0	4
KY	Coleman	1381	C3	395	545	539	539	0	0	6
KY	Coleman	1381	OVERDF	0	90		0	0	0	90
KY	D B Wilson	6823	W1	1,274	799	420	420	0	0	379
KY	E W Brown	1355	1	235	535	515	515	0	0	20
KY	E W Brown	1355	10	41	41	0	0	0	0	41
KY	E W Brown	1355	11	32	32	0	0	0	0	32
KY	E W Brown	1355	CS003 (2, 3)			1,931				
KY	E W Brown	1355	2	447	547		540	0	0	7
KY	E W Brown	1355	3	1,033	1,466		1,391	0	0	75
KY	E W Brown	1355	5	0	10	0	0	0	0	10
KY	E W Brown	1355	6	7	7	1	1	0	0	6
KY	E W Brown	1355	7	9	9	2	2	0	0	7
KY	E W Brown	1355	8	46	46	0	0	0	0	46
KY	E W Brown	1355	9	44	44	0	0	0	0	44
KY	E W Brown	1355	OVERDF	0	0		0	0	0	0
KY	East Bend	6018	2	2,640	532	507	507	0	0	25
KY	Elmer Smith	1374	1	375	280	260	260	0	0	20
KY	Elmer Smith	1374	2	746	841	801	801	0	0	40
KY	Elmer Smith	1374	OVERDF	0	0		0	0	0	0
KY	Ghent	1356	1	1,105	1,004	362	362	0	0	642
KY	Ghent	1356	2	1,195	1,210	1,196	1,196	0	0	14
KY	Ghent	1356	CS002 (3, 4)			417				
KY	Ghent	1356	3	1,352	734		202	0	0	532
KY	Ghent	1356	4	1,357	1,113		215	0	0	898

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KY	Ghent	1356	OVERDF	0	0		0	0	0	0
KY	Green River	1357	CS001 (1, 2, 3)			0				
KY	Green River	1357	1	36	36		0	0	0	36
KY	Green River	1357	2	36	36		0	0	0	36
KY	Green River	1357	3	35	35		0	0	0	35
KY	Green River	1357	4	197	247	224	224	0	0	23
KY	Green River	1357	5	242	376	341	341	0	0	35
KY	Green River	1357	OVERDF	0	0		0	0	0	0
KY	H L Spurlock	6041	1	956	198	197	197	0	0	1
KY	H L Spurlock	6041	2	3,202	1,051	1,050	1,050	0	0	1
KY	H L Spurlock	6041	OVERDF	0	806		0	0	0	806
KY	Henderson I	1372	6	31	31	0	0	0	0	31
KY	HMP&L Station 2	1382	H1	390	290	199	199	0	0	91
KY	HMP&L Station 2	1382	H2	430	490	214	214	0	0	276
KY	HMP&L Station 2	1382	OVERDF	0	40		0	0	0	40
KY	John S. Cooper	1384	CS1 (1, 2)			1,711				
KY	John S. Cooper	1384	1	191	856		856	0	0	0
KY	John S. Cooper	1384	2	403	856		855	0	0	1
KY	John S. Cooper	1384	OVERDF	0	245		0	0	0	245
KY	KGen Marshall LLC	55232	CT1	0	0	0	0	0	0	0
KY	KGen Marshall LLC	55232	CT2	0	0	0	0	0	0	0
KY	KGen Marshall LLC	55232	CT3	0	0	0	0	0	0	0
KY	KGen Marshall LLC	55232	CT4	0	0	0	0	0	0	0
KY	KGen Marshall LLC	55232	CT5	0	0	0	0	0	0	0
KY	KGen Marshall LLC	55232	CT6	0	0	0	0	0	0	0
KY	KGen Marshall LLC	55232	CT7	0	0	0	0	0	0	0
KY	KGen Marshall LLC	55232	CT8	0	0	0	0	0	0	0
KY	KGen Marshall LLC	55232	OVERDF	0	0		0	0	0	0
KY	Meadwestvaco Kentucky, LP	880065	01	7	7	2	2	0	0	5
KY	Meadwestvaco Kentucky, LP	880065	02	6	6	2	2	0	0	4
KY	Meadwestvaco Kentucky, LP	880065	OVERDF	0	0		0	0	0	0
KY	Mill Creek	1364	1	816	842	838	838	0	0	4
KY	Mill Creek	1364	2	951	951	787	787	0	0	164
KY	Mill Creek	1364	3	1,036	1,026	200	200	0	0	826
KY	Mill Creek	1364	4	1,754	1,071	236	236	0	0	835
KY	Mill Creek	1364	OVERDF	0	0		0	0	0	0
KY	Paddy's Run	1366	13	0	14	3	3	0	0	11
KY	Paradise	1378	1	4,396	761	761	761	0	0	0
KY	Paradise	1378	2	4,742	801	801	801	0	0	0
KY	Paradise	1378	3	2,127	997	997	997	0	0	0
KY	Paradise	1378	OVERDF	0	3,427		0	0	0	3,427
KY	R D Green	6639	G1	648	668	649	649	0	0	19
KY	R D Green	6639	G2	746	706	683	683	0	0	23

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STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
KY	R D Green	6639	OVERDF	0	20		0	0	0	20
KY	Riverside Generating Company	55198	GTG101	0	0	0	0	0	0	0
KY	Riverside Generating Company	55198	GTG201	0	0	0	0	0	0	0
KY	Riverside Generating Company	55198	GTG301	0	0	0	0	0	0	0
KY	Riverside Generating Company	55198	GTG401	0	0	0	0	0	0	0
KY	Riverside Generating Company	55198	GTG501	0	0	0	0	0	0	0
KY	Riverside Generating Company	55198	OVERDF	0	0		0	0	0	0
KY	Robert Reid	1383	OVERDF	0	10		0	0	0	10
KY	Robert Reid	1383	R1	136	81	45	45	0	0	36
KY	Robert Reid	1383	RT	10	55	47	47	0	0	8
KY	Shawnee	1379	CSSH15 (1, 2, 3, 4, 5)			2,865				
KY	Shawnee	1379	1	328	572		572	0	0	0
KY	Shawnee	1379	10	366	600		600	0	0	0
KY	Shawnee	1379	2	319	587		587	0	0	0
KY	Shawnee	1379	3	349	590		590	0	0	0
KY	Shawnee	1379	4	315	535		535	0	0	0
KY	Shawnee	1379	5	358	581		581	0	0	0
KY	Shawnee	1379	CSSH60 (6, 7, 8, 9, 10)			2,972				
KY	Shawnee	1379	6	340	628		628	0	0	0
KY	Shawnee	1379	7	375	592		592	0	0	0
KY	Shawnee	1379	8	378	613		613	0	0	0
KY	Shawnee	1379	9	374	539		539	0	0	0
KY	Shawnee	1379	OVERDF	0	870		0	0	0	870
KY	Smith Generating Facility	54	OVERDF	0	36		0	0	0	36
KY	Smith Generating Facility	54	SCT1	12	17	5	5	0	0	12
KY	Smith Generating Facility	54	SCT2	16	25	9	9	0	0	16
KY	Smith Generating Facility	54	SCT3	8	29	8	8	0	0	21
KY	Smith Generating Facility	54	SCT4	0	20	2	2	0	0	18
KY	Smith Generating Facility	54	SCT5	0	20	1	1	0	0	19
KY	Trimble County	6071	1	2,315	2,008	239	239	0	0	1,769
KY	Trimble County	6071	10	0	75	1	1	0	0	74
KY	Trimble County	6071	5	0	20	1	1	0	0	19
KY	Trimble County	6071	6	0	20	2	2	0	0	18
KY	Trimble County	6071	7	0	20	3	3	0	0	17
KY	Trimble County	6071	8	0	20	1	1	0	0	19
KY	Trimble County	6071	9	0	20	3	3	0	0	17
KY	Trimble County	6071	OVERDF	0	0		0	0	0	0
KY	Tyrone	1361	1	1	1	0	0	0	0	1
KY	Tyrone	1361	2	1	1	0	0	0	0	1
KY	Tyrone	1361	3	1	1	0	0	0	0	1
KY	Tyrone	1361	4	2	2	0	0	0	0	2
KY	Tyrone	1361	5	185	185	173	173	0	0	12
KY	Tyrone	1361	OVERDF	0	0		0	0	0	0

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KY	William C. Dale	1385	CS2 (3, 4)			787				
KY	William C. Dale	1385	3	144	395		394	0	0	1
KY	William C. Dale	1385	4	160	394		393	0	0	1
KY	William C. Dale	1385	OVERDF	0	144		0	0	0	144
MA	ANP Bellingham Energy Project	55211	1	0	0	17	0	0	0	0
MA	ANP Bellingham Energy Project	55211	2	0	0	16	0	0	0	0
MA	ANP Bellingham Energy Project	55211	OVERDF	100	66		33	0	0	33
MA	ANP Blackstone Energy Company	55212	1	0	0	15	0	0	0	0
MA	ANP Blackstone Energy Company	55212	2	0	0	13	0	0	0	0
MA	ANP Blackstone Energy Company	55212	OVERDF	295	49		28	0	0	21
MA	Bellingham	10307	CS1 (1, 2)			307				
MA	Bellingham	10307	1	0	0		0	0	0	0
MA	Bellingham	10307	2	0	0		0	0	0	0
MA	Bellingham	10307	OVERDF	670	335		307	0	0	28
MA	Berkshire Power	55041	1	551	43	24	24	0	0	19
MA	Blackstone	1594	CS2 (11, 12)			8				
MA	Blackstone	1594	11	0	0		0	0	0	0
MA	Blackstone	1594	12	0	0		0	0	0	0
MA	Blackstone	1594	OVERDF	6	12		8	0	0	4
MA	Brayton Point	1619	1	0	0	787	0	0	0	0
MA	Brayton Point	1619	2	0	0	736	0	0	0	0
MA	Brayton Point	1619	3	0	0	1,968	0	0	0	0
MA	Brayton Point	1619	4	0	0	34	0	0	0	0
MA	Brayton Point	1619	OVERDF	2,272	3,555		3,525	0	6	24
MA	Canal Station	1599	1	0	45	413	45	0	0	0
MA	Canal Station	1599	2	0	0	600	0	0	0	0
MA	Canal Station	1599	OVERDF	1,467	1,657		968	0	0	689
MA	Cleary Flood	1682	8	0	0	1	0	0	0	0
MA	Cleary Flood	1682	9	0	10	12	10	0	0	0
MA	Cleary Flood	1682	OVERDF	95	157		3	0	0	154
MA	Dartmouth Power	52026	1	138	14	12	12	0	0	2
MA	Deer Island Treatment	10823	OVERDF	39	74		0	0	0	74
MA	Deer Island Treatment	10823	S42	0	0	0	0	0	0	0
MA	Deer Island Treatment	10823	S43	0	0	0	0	0	0	0
MA	Dighton	55026	1	209	16	16	16	0	0	0
MA	Doreen	1631	10	1	3	1	1	0	0	2
MA	Fore River Station	55317	11	0	13	11	11	0	0	2
MA	Fore River Station	55317	12	0	25	13	13	0	0	12
MA	Fore River Station	55317	OVERDF	78	79		0	0	0	79
MA	Framingham Station	1586	FJ-1	0	0	1	0	0	0	0
MA	Framingham Station	1586	FJ-2	0	0	2	0	0	0	0
MA	Framingham Station	1586	FJ-3	0	0	2	0	0	0	0
MA	Framingham Station	1586	OVERDF	1	7		5	0	2	0

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MA	GE Aircraft Engines Lynn	10029	3	0	0	13	0	0	0	0
MA	GE Aircraft Engines Lynn	10029	5	0	0	2	0	0	0	0
MA	GE Aircraft Engines Lynn	10029	OVERDF	62	98		15	0	0	83
MA	Indeck-Pepperell	10522	CC1	51	1	0	0	0	0	1
MA	Kendall Square	1595	CS12 (1, 2)			52				
MA	Kendall Square	1595	1	0	0		0	0	0	0
MA	Kendall Square	1595	2	0	13		13	0	0	0
MA	Kendall Square	1595	3	0	50	49	49	0	0	1
MA	Kendall Square	1595	4	0	0	5	0	0	0	0
MA	Kendall Square	1595	OVERDF	123	180		53	0	0	127
MA	Kendall Square	1595	S6	0	0	6	0	0	0	0
MA	Kendall Square	1595	S7	0	0	3	0	0	0	0
MA	Kneeland Station	880023	K1	0	0	35	0	0	0	0
MA	Kneeland Station	880023	K2	0	0	31	0	0	0	0
MA	Kneeland Station	880023	K3	0	0	39	0	0	0	0
MA	Kneeland Station	880023	K4	0	0	13	0	0	0	0
MA	Kneeland Station	880023	OVERDF	205	118		118	0	0	0
MA	Lowell Cogeneration Company	10802	001	7	5	2	2	0	0	3
MA	Lowell Power, LLC	54586	1	148	4	0	0	0	0	4
MA	Masspower	10726	1	0	0	27	0	0	0	0
MA	Masspower	10726	2	0	0	26	0	0	0	0
MA	Masspower	10726	OVERDF	523	53		53	0	0	0
MA	Medway Station	1592	J1T1	0	0	1	0	0	0	0
MA	Medway Station	1592	J1T2	0	0	1	0	0	0	0
MA	Medway Station	1592	J2T1	0	0	2	0	0	0	0
MA	Medway Station	1592	J2T2	0	0	1	0	0	0	0
MA	Medway Station	1592	J3T1	0	0	1	0	0	0	0
MA	Medway Station	1592	J3T2	0	0	1	0	0	0	0
MA	Medway Station	1592	OVERDF	2	11		7	0	3	1
MA	Milford Power (54805)	54805	1	237	27	12	12	0	0	15
MA	Millennium Power Partners	55079	1	729	32	25	25	0	0	7
MA	MIT Central Utility	54907	1	85	38	34	34	0	0	4
MA	Mount Tom	1606	1	262	532	518	518	0	9	5
MA	Mystic	1588	4	0	0	0	0	0	0	0
MA	Mystic	1588	5	0	0	0	0	0	0	0
MA	Mystic	1588	6	0	0	0	0	0	0	0
MA	Mystic	1588	7	0	204	168	168	0	0	36
MA	Mystic	1588	81	0	31	22	22	0	0	9
MA	Mystic	1588	82	0	31	22	22	0	0	9
MA	Mystic	1588	93	0	31	20	20	0	0	11
MA	Mystic	1588	94	0	31	20	20	0	0	11
MA	Mystic	1588	MJ-1	0	0	0	0	0	0	0
MA	Mystic	1588	OVERDF	1,446	1,776		0	0	0	1,776

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MA	New Boston	1589	1	0	5	32	5	0	0	0
MA	New Boston	1589	2	0	0	0	0	0	0	0
MA	New Boston	1589	NBJ-1	0	0	1	0	0	0	0
MA	New Boston	1589	OVERDF	782	786		28	0	29	729
MA	Pittsfield Generating	50002	1	0	0	12	0	0	0	0
MA	Pittsfield Generating	50002	2	0	0	1	0	0	0	0
MA	Pittsfield Generating	50002	3	0	0	1	0	0	0	0
MA	Pittsfield Generating	50002	OVERDF	337	19		14	0	0	5
MA	Potter	1660	3	79	154	3	3	0	11	140
MA	Salem Harbor	1626	1	0	0	256	0	0	0	0
MA	Salem Harbor	1626	2	0	0	232	0	0	0	0
MA	Salem Harbor	1626	3	0	0	382	0	0	0	0
MA	Salem Harbor	1626	4	0	0	74	0	0	0	0
MA	Salem Harbor	1626	OVERDF	955	951		944	0	0	7
MA	Somerset	1613	11	0	0	0	0	0	0	0
MA	Somerset	1613	7	0	0	0	0	0	0	0
MA	Somerset	1613	8	0	45	261	45	0	0	0
MA	Somerset	1613	OVERDF	221	231		216	0	0	15
MA	South Boston Combustion Turbines	10176	A	6	6	0	0	0	0	6
MA	South Boston Combustion Turbines	10176	B	0	0	0	0	0	0	0
MA	South Boston Combustion Turbines	10176	OVERDF	0	4		0	0	0	4
MA	Stony Brook	6081	001	0	10	19	10	0	0	0
MA	Stony Brook	6081	002	0	0	3	0	0	0	0
MA	Stony Brook	6081	003	0	0	17	0	0	0	0
MA	Stony Brook	6081	004	0	0	1	0	0	0	0
MA	Stony Brook	6081	005	0	0	2	0	0	0	0
MA	Stony Brook	6081	OVERDF	346	115		32	0	0	83
MA	Waters River	1678	1	0	0	6	0	0	0	0
MA	Waters River	1678	2	20	0	2	0	0	0	0
MA	Waters River	1678	OVERDF	3	25		8	0	0	17
MA	West Springfield	1642	10	0	3	3	3	0	0	0
MA	West Springfield	1642	3	0	15	12	12	0	0	3
MA	West Springfield	1642	CTG1	0	0	1	0	0	0	0
MA	West Springfield	1642	CTG2	0	0	1	0	0	0	0
MA	West Springfield	1642	OVERDF	78	104		2	0	0	102
MA	Woodland Road	1643	10	1	3	1	1	0	0	2
MD	AES Warrior Run	10678	001	378	165	159	159	0	0	6
MD	Brandon Shores	602	1	1,850	0	909	0	0	0	0
MD	Brandon Shores	602	2	1,819	0	785	0	0	0	0
MD	Brandon Shores	602	OVERDF	0	1,698		1,694	0	0	4
MD	C P Crane	1552	1	461	0	829	0	0	0	0
MD	C P Crane	1552	2	435	0	894	0	0	0	0
MD	C P Crane	1552	OVERDF	0	1,727		1,723	0	0	4

APPENDIX A: 2004 EMISSIONS AND ALLOWANCE HOLDINGS OF NOx BUDGET SOURCES

STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
MD	Chalk Point	1571	**GT3	32	12	11	11	0	0	1
MD	Chalk Point	1571	**GT4	32	13	13	13	0	0	0
MD	Chalk Point	1571	**GT5	54	24	24	24	0	0	0
MD	Chalk Point	1571	**GT6	31	21	18	18	0	0	3
MD	Chalk Point	1571	CSE12 (1, 2)			3,872				
MD	Chalk Point	1571	1	793	1,849		1,849	0	0	0
MD	Chalk Point	1571	2	818	2,023		2,023	0	0	0
MD	Chalk Point	1571	3	339	1,199	1,198	1,198	0	0	1
MD	Chalk Point	1571	4	408	508	784	508	0	0	0
MD	Chalk Point	1571	GT2	1	1	12	1	0	0	0
MD	Chalk Point	1571	OVERDF	0	366		287	0	0	79
MD	Chalk Point	1571	SMECO	43	13	12	12	0	0	1
MD	Dickerson	1572	XS123 (1, 2, 3)			2,093				
MD	Dickerson	1572	1	452	662		662	0	0	0
MD	Dickerson	1572	2	441	675		675	0	0	0
MD	Dickerson	1572	3	461	584		584	0	0	0
MD	Dickerson	1572	GT2	77	37	36	36	0	0	1
MD	Dickerson	1572	GT3	89	44	42	42	0	0	2
MD	Dickerson	1572	OVERDF	0	196		172	0	0	24
MD	Herbert A Wagner	1554	1	74	0	160	0	0	0	0
MD	Herbert A Wagner	1554	2	367	0	927	0	0	0	0
MD	Herbert A Wagner	1554	3	669	0	270	0	0	0	0
MD	Herbert A Wagner	1554	4	156	0	594	0	0	0	0
MD	Herbert A Wagner	1554	OVERDF	0	1,959		1,951	0	0	8
MD	Meadwestvaco Luke Mill	50282	OVERDF	0	4		0	0	0	4
MD	Meadwestvaco Luke Mill	50282	CSPR06 (PR003, PR004, PR005)			963				
MD	Meadwestvaco Luke Mill	50282	PR003	500	566		566	0	0	0
MD	Meadwestvaco Luke Mill	50282	PR004	440	382		382	0	0	0
MD	Meadwestvaco Luke Mill	50282	PR005	7	15		15	0	0	0
MD	Morgantown	1573	1	1,231	150	2,075	150	0	0	0
MD	Morgantown	1573	2	1,316	2,736	2,759	2,736	0	0	0
MD	Morgantown	1573	GT3	11	13	13	13	0	0	0
MD	Morgantown	1573	GT4	13	13	12	12	0	0	1
MD	Morgantown	1573	GT5	13	15	12	12	0	0	3
MD	Morgantown	1573	GT6	12	14	17	14	0	0	0
MD	Morgantown	1573	OVERDF	0	2,033		1,951	0	0	82
MD	Panda Brandywine	54832	1	109	16	14	14	0	0	2
MD	Panda Brandywine	54832	2	109	11	9	9	0	0	2
MD	Panda Brandywine	54832	OVERDF	0	0		0	0	0	0
MD	Perryman	1556	**51	312	4	49	4	0	0	0
MD	Perryman	1556	CT1	7	0	10	0	0	0	0
MD	Perryman	1556	CT2	7	0	20	0	0	0	0
MD	Perryman	1556	CT3	5	0	5	0	0	0	0

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MD	Perryman	1556	CT4	7	0	18	0	0	0	0
MD	Perryman	1556	OVERDF	0	103		98	0	0	5
MD	R. Paul Smith Power Station	1570	11	119	218	218	218	0	0	0
MD	R. Paul Smith Power Station	1570	9	7	36	35	35	0	0	1
MD	R. Paul Smith Power Station	1570	OVERDF	0	25		0	0	0	25
MD	Riverside	1559	4	26	0	5	0	0	0	0
MD	Riverside	1559	CT6	9	0	3	0	0	0	0
MD	Riverside	1559	OVERDF	0	9		8	0	0	1
MD	Rock Springs Generating Facility	7835	1	0	0	7	0	0	0	0
MD	Rock Springs Generating Facility	7835	2	0	0	8	0	0	0	0
MD	Rock Springs Generating Facility	7835	3	0	0	4	0	0	0	0
MD	Rock Springs Generating Facility	7835	4	0	0	7	0	0	0	0
MD	Rock Springs Generating Facility	7835	OVERDF	0	26		26	0	0	0
MD	Vienna	1564	8	129	37	35	35	0	0	2
MD	Vienna	1564	OVERDF	0	0		0	0	0	0
MD	Westport	1560	CT5	21	5	3	3	0	0	2
MD	Westport	1560	OVERDF	0	0		0	0	0	0
MI	48th Street Peaking Station	7258	**7	17	12	4	4	0	0	8
MI	48th Street Peaking Station	7258	**8	16	6	0	0	0	0	6
MI	48th Street Peaking Station	7258	9	3	8	4	4	0	0	4
MI	48th Street Peaking Station	7258	OVERDF	0	0		0	0	0	0
MI	B C Cobb	1695	1	7	7	0	0	0	0	7
MI	B C Cobb	1695	2	20	20	0	0	0	0	20
MI	B C Cobb	1695	3	7	7	0	0	0	0	7
MI	B C Cobb	1695	4	382	876	842	842	0	0	34
MI	B C Cobb	1695	5	981	387	350	350	0	0	37
MI	B C Cobb	1695	OVERDF	0	100		0	0	0	100
MI	Belle River	6034	1	2,041	2,041	1,493	1,493	0	0	548
MI	Belle River	6034	2	3,398	3,055	1,424	1,424	0	0	1,631
MI	Belle River	6034	CTG121	3	3	1	1	0	0	2
MI	Belle River	6034	CTG122	3	3	1	1	0	0	2
MI	Belle River	6034	CTG131	2	2	1	1	0	0	1
MI	Belle River	6034	OVERDF	0	0		0	0	0	0
MI	Conners Creek	1726	15	38	38	8	8	0	0	30
MI	Conners Creek	1726	16	46	46	6	6	0	0	40
MI	Conners Creek	1726	17	36	36	7	7	0	0	29
MI	Conners Creek	1726	18	16	16	8	8	0	0	8
MI	Conners Creek	1726	OVERDF	0	0		0	0	0	0
MI	Dan E Karn	1702	1	615	615	240	240	0	0	375
MI	Dan E Karn	1702	2	1,323	558	151	151	0	0	407
MI	Dan E Karn	1702	CS0009 (3, 4, A, B)			344				
MI	Dan E Karn	1702	3	354	354		225	0	0	129
MI	Dan E Karn	1702	4	432	332		112	0	0	220

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MI	Dan E Karn	1702	A	9	9		3	0	0	6
MI	Dan E Karn	1702	B	7	7		4	0	0	3
MI	Dan E Karn	1702	OVERDF	0	100		0	0	0	100
MI	Dearborn Industrial Generation	55088	BL1100	30	30	4	4	0	0	26
MI	Dearborn Industrial Generation	55088	BL2100	30	30	4	4	0	0	26
MI	Dearborn Industrial Generation	55088	BL3100	30	30	5	5	0	0	25
MI	Dearborn Industrial Generation	55088	GT2100	23	23	19	19	2	0	2
MI	Dearborn Industrial Generation	55088	GT3100	23	23	15	15	5	0	3
MI	Dearborn Industrial Generation	55088	GTP1	18	3	3	3	0	0	0
MI	Dearborn Industrial Generation	55088	OVERDF	0	0		0	0	0	0
MI	Delray	1728	CTG111	5	5	2	2	0	0	3
MI	Delray	1728	CTG121	4	4	2	2	0	0	2
MI	Delray	1728	OVERDF	0	0		0	0	0	0
MI	DTE East China	55718	1	11	11	0	0	11	0	0
MI	DTE East China	55718	2	11	11	0	0	11	0	0
MI	DTE East China	55718	3	11	11	0	0	11	0	0
MI	DTE East China	55718	4	11	11	0	0	11	0	0
MI	DTE East China	55718	OVERDF	0	0		0	0	0	0
MI	Eckert Station	1831	1	79	20	85	20	0	0	0
MI	Eckert Station	1831	2	70	0	132	0	0	0	0
MI	Eckert Station	1831	3	85	16	99	16	0	0	0
MI	Eckert Station	1831	4	179	0	172	0	0	0	0
MI	Eckert Station	1831	5	205	44	190	44	0	0	0
MI	Eckert Station	1831	6	358	46	174	46	0	0	0
MI	Eckert Station	1831	OVERDF	0	748		726	0	0	22
MI	Endicott Generating	4259	1	198	298	217	217	0	0	81
MI	Erickson	1832	1	383	524	452	452	0	0	72
MI	General Motors Corporation - Pontiac	880081	EUBHB9	38	38	0	0	0	0	38
MI	Graphic Packaging Corporation	10698	BLR08	90	90	80	80	0	0	10
MI	Greenwood	6035	1	550	550	179	179	0	0	371
MI	Greenwood	6035	CTG111	4	4	0	0	0	0	4
MI	Greenwood	6035	CTG112	4	4	0	0	0	0	4
MI	Greenwood	6035	CTG121	4	4	0	0	0	0	4
MI	Greenwood	6035	OVERDF	0	0		0	0	0	0
MI	Hancock Peakers	1730	CTG121	9	9	2	2	0	0	7
MI	Hancock Peakers	1730	CTG122	9	9	2	2	0	0	7
MI	Hancock Peakers	1730	OVERDF	0	0		0	0	0	0
MI	Harbor Beach	1731	1	112	152	152	152	0	0	0
MI	J B Sims	1825	3	247	217	154	154	0	0	63
MI	J C Weadock	1720	CS0009 (7, 8)			953				
MI	J C Weadock	1720	7	362	527		318	0	0	209
MI	J C Weadock	1720	8	366	866		635	0	0	231
MI	J C Weadock	1720	OVERDF	0	100		0	0	0	100

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MI	J H Campbell	1710	CS0009 (1, 2)			1,625				
MI	J H Campbell	1710	1	1,375	778		595	0	0	183
MI	J H Campbell	1710	2	753	1,550		1,030	0	0	520
MI	J H Campbell	1710	3	1,852	2,631	2,631	2,631	0	0	0
MI	J H Campbell	1710	OVERDF	0	100		0	0	0	100
MI	J R Whiting	1723	1	223	544	336	336	0	0	208
MI	J R Whiting	1723	2	217	517	319	319	0	0	198
MI	J R Whiting	1723	3	306	556	397	397	0	0	159
MI	J R Whiting	1723	OVERDF	0	100		0	0	0	100
MI	Jackson MI Facility	55270	7EA	60	60	2	2	54	0	4
MI	Jackson MI Facility	55270	LM1	30	30	2	2	27	0	1
MI	Jackson MI Facility	55270	LM2	30	30	2	2	27	0	1
MI	Jackson MI Facility	55270	LM3	30	30	1	1	28	0	1
MI	Jackson MI Facility	55270	LM4	30	30	2	2	27	0	1
MI	Jackson MI Facility	55270	LM5	30	30	1	1	28	0	1
MI	Jackson MI Facility	55270	LM6	30	30	1	1	28	0	1
MI	Jackson MI Facility	55270	OVERDF	0	0		0	0	0	0
MI	James De Young	1830	5	120	130	116	116	0	0	14
MI	Kalamazoo River Generating Station	55101	1	3	3	1	1	0	0	2
MI	Marysville	1732	10	27	27		0	0	0	27
MI	Marysville	1732	CS0002 (11, 12)			0				
MI	Marysville	1732	11	27	27		0	0	0	27
MI	Marysville	1732	12	23	23		0	0	0	23
MI	Marysville	1732	CS0001 (9, 10)			0				
MI	Marysville	1732	9	22	22		0	0	0	22
MI	Marysville	1732	OVERDF	0	0		0	0	0	0
MI	Menasha Corp.	55799	0024	59	19	14	14	0	0	5
MI	Menasha Corp.	55799	0025	62	27	18	18	0	0	9
MI	Menasha Corp.	55799	OVERDF	0	0		0	0	0	0
MI	Midland Cogeneration Venture	10745	003	237	0	130	0	0	0	0
MI	Midland Cogeneration Venture	10745	004	237	0	147	0	0	0	0
MI	Midland Cogeneration Venture	10745	005	237	0	109	0	0	0	0
MI	Midland Cogeneration Venture	10745	006	238	0	108	0	0	0	0
MI	Midland Cogeneration Venture	10745	007	225	0	77	0	0	0	0
MI	Midland Cogeneration Venture	10745	008	238	0	125	0	0	0	0
MI	Midland Cogeneration Venture	10745	009	228	0	128	0	0	0	0
MI	Midland Cogeneration Venture	10745	010	231	0	111	0	0	0	0
MI	Midland Cogeneration Venture	10745	011	239	0	156	0	0	0	0
MI	Midland Cogeneration Venture	10745	012	216	0	114	0	0	0	0
MI	Midland Cogeneration Venture	10745	013	237	0	159	0	0	0	0
MI	Midland Cogeneration Venture	10745	014	229	0	166	0	0	0	0
MI	Midland Cogeneration Venture	10745	OVERDF	0	1,569		1,530	0	0	39
MI	Mirant Zeeland, LLC	55087	CC1	10	10	0	0	10	0	0

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MI	Mirant Zeeland, LLC	55087	CC2	10	10	1	1	9	0	0
MI	Mirant Zeeland, LLC	55087	CC3	5	5	5	5	0	0	0
MI	Mirant Zeeland, LLC	55087	CC4	5	6	6	6	0	0	0
MI	Mirant Zeeland, LLC	55087	OVERDF	0	4		0	4	0	0
MI	Mistersky	1822	5	39	94	96	94	0	0	0
MI	Mistersky	1822	6	85	30	0	0	0	0	30
MI	Mistersky	1822	7	99	97	40	40	0	0	57
MI	Mistersky	1822	GT-1	41	41	0	0	0	0	41
MI	Mistersky	1822	OVERDF	0	2		2	0	0	0
MI	Monroe	1733	CS0012 (1, 2)			4,209				
MI	Monroe	1733	1	2,784	2,237		2,237	0	0	0
MI	Monroe	1733	2	1,516	1,972		1,972	0	0	0
MI	Monroe	1733	CS0034 (3, 4)			4,039				
MI	Monroe	1733	3	1,678	2,006		2,006	0	0	0
MI	Monroe	1733	4	3,406	2,699		2,033	0	0	666
MI	Monroe	1733	OVERDF	0	0		0	0	0	0
MI	New Covert Generating Project	55297	001	10	12	2	2	10	0	0
MI	New Covert Generating Project	55297	002	10	12	2	2	10	0	0
MI	New Covert Generating Project	55297	003	10	13	3	3	9	0	1
MI	New Covert Generating Project	55297	OVERDF	0	0		0	0	0	0
MI	Renaissance Power	55402	CT1	8	10	9	9	0	0	1
MI	Renaissance Power	55402	CT2	8	8	1	1	6	0	1
MI	Renaissance Power	55402	CT3	8	8	2	2	5	0	1
MI	Renaissance Power	55402	CT4	8	8	2	2	5	0	1
MI	River Rouge	1740	1	0	1	1	1	0	0	0
MI	River Rouge	1740	2	611	499	499	499	0	0	0
MI	River Rouge	1740	3	636	840	840	840	0	0	0
MI	River Rouge	1740	OVERDF	0	0		0	0	0	0
MI	St. Clair	1743	1	346	1,075	1,075	1,075	0	0	0
MI	St. Clair	1743	2	309	581	581	581	0	0	0
MI	St. Clair	1743	3	343	463	463	463	0	0	0
MI	St. Clair	1743	4	341	865	865	865	0	0	0
MI	St. Clair	1743	5	0	0	0	0	0	0	0
MI	St. Clair	1743	6	1,791	630	450	450	0	0	180
MI	St. Clair	1743	7	1,617	888	803	803	0	0	85
MI	St. Clair	1743	OVERDF	0	0		0	0	0	0
MI	Sumpster Plant	7972	1	13	13	0	0	12	0	1
MI	Sumpster Plant	7972	2	13	13	1	1	12	0	0
MI	Sumpster Plant	7972	3	13	13	1	1	12	0	0
MI	Sumpster Plant	7972	4	13	13	1	1	12	0	0
MI	Sumpster Plant	7972	OVERDF	0	14		0	0	0	14
MI	T B Simon Power Plant	10328	OVERDF	0	0		0	0	0	0
MI	T B Simon Power Plant	10328	UNIT1	86	49	48	48	0	0	1

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MI	T B Simon Power Plant	10328	UNIT2	75	68	68	68	0	0	0
MI	T B Simon Power Plant	10328	UNIT3	176	91	90	90	0	0	1
MI	T B Simon Power Plant	10328	UNIT4	90	48	47	47	0	0	1
MI	The Dow Chemical Company	880031	0401	2	2	0	0	0	0	2
MI	The Dow Chemical Company	880031	0402	2	2	0	0	0	0	2
MI	The Dow Chemical Company	880031	OVERDF	0	0		0	0	0	0
MI	Thetford	1719	1	7	7	1	1	0	0	6
MI	Thetford	1719	2	7	7	2	2	0	0	5
MI	Thetford	1719	3	7	7	1	1	0	0	6
MI	Thetford	1719	4	6	6	1	1	0	0	5
MI	Thetford	1719	OVERDF	0	0		0	0	0	0
MI	Trenton Channel	1745	CS0006 (16, 17, 18, 19)			1,357				
MI	Trenton Channel	1745	16	151	371		367	0	0	4
MI	Trenton Channel	1745	17	138	338		333	0	0	5
MI	Trenton Channel	1745	18	141	346		341	0	0	5
MI	Trenton Channel	1745	19	142	321		316	0	0	5
MI	Trenton Channel	1745	9A	2,002	1,798	797	797	0	0	1,001
MI	Trenton Channel	1745	OVERDF	0	0		0	0	0	0
MI	University of Michigan	880045	260-03	57	57	34	34	0	0	23
MI	University of Michigan	880045	260-04	45	45	18	18	0	0	27
MI	University of Michigan	880045	260-06	33	33	19	19	0	0	14
MI	University of Michigan	880045	OVERDF	0	0		0	0	0	0
MI	Wyandotte	1866	5	10	0	0	0	0	0	0
MI	Wyandotte	1866	7	99	189	153	153	0	0	36
MI	Wyandotte	1866	8	105	58	44	44	0	0	14
MI	Wyandotte	1866	OVERDF	0	0		0	0	0	0
NC	Asheville	2706	1	642	661	660	660	0	0	1
NC	Asheville	2706	2	627	619	618	618	0	0	1
NC	Asheville	2706	3	60	19	18	18	0	0	1
NC	Asheville	2706	4	60	16	16	16	0	0	0
NC	Asheville	2706	OVERDF	0	33		0	0	0	33
NC	Belews Creek	8042	1	3,024	974	878	878	0	0	96
NC	Belews Creek	8042	2	3,525	1,568	1,427	1,427	0	0	141
NC	Belews Creek	8042	OVERDF	0	0		0	0	0	0
NC	Blue Ridge Paper Products Inc.	50244	B4	365	0	152	0	0	0	0
NC	Blue Ridge Paper Products Inc.	50244	BB	212	0	131	0	0	0	0
NC	Blue Ridge Paper Products Inc.	50244	OVERDF	0	797		762	0	0	35
NC	Blue Ridge Paper Products Inc.	50244	PG	187	0	134	0	0	0	0
NC	Blue Ridge Paper Products Inc.	50244	RB	135	0	154	0	0	0	0
NC	Blue Ridge Paper Products Inc.	50244	RC	358	0	191	0	0	0	0
NC	Buck	2720	5	77	47	42	42	0	0	5
NC	Buck	2720	6	85	45	40	40	0	0	5
NC	Buck	2720	7	91	91	108	91	0	0	0

APPENDIX A: 2004 EMISSIONS AND ALLOWANCE HOLDINGS OF NOx BUDGET SOURCES

STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
NC	Buck	2720	7C	0	0	2	0	0	0	0
NC	Buck	2720		372	272	233	233	0	0	39
NC	Buck	2720	8C	0	0	1	0	0	0	0
NC	Buck	2720	9	393	318	276	276	0	0	42
NC	Buck	2720	9C	0	0	1	0	0	0	0
NC	Buck	2720	OVERDF	0	100		21	0	0	79
NC	Butler-Warner Generation Plant	1016	GT-1	27	27	18	18	0	0	9
NC	Butler-Warner Generation Plant	1016	GT-2	27	27	16	16	0	0	11
NC	Butler-Warner Generation Plant	1016	GT-3	27	27	16	16	0	0	11
NC	Butler-Warner Generation Plant	1016	GT-4	34	34	0	0	0	0	34
NC	Butler-Warner Generation Plant	1016	GT-5	35	35	1	1	0	0	34
NC	Butler-Warner Generation Plant	1016	GT-6	28	28	9	9	0	0	19
NC	Butler-Warner Generation Plant	1016	GT-7	27	27	8	8	0	0	19
NC	Butler-Warner Generation Plant	1016	GT-8	27	27	17	17	0	0	10
NC	Butler-Warner Generation Plant	1016	OVERDF	0	0		0	0	0	0
NC	Cape Fear	2708	5	333	271	271	271	0	0	0
NC	Cape Fear	2708	6	473	332	331	331	0	0	1
NC	Cape Fear	2708	OVERDF	0	15		0	0	0	15
NC	Cliffside	2721	1	89	89	76	76	0	0	13
NC	Cliffside	2721	2	96	96	79	79	0	0	17
NC	Cliffside	2721	3	125	125	146	125	0	0	0
NC	Cliffside	2721	4	140	140	141	140	0	0	0
NC	Cliffside	2721	5	1,548	553	484	484	0	0	69
NC	Cliffside	2721	OVERDF	0	100		22	0	0	78
NC	Cogentrix-Rocky Mount	50468	CS001 (BLR01A, BLR01B)			287				
NC	Cogentrix-Rocky Mount	50468	BLR01A	319	303		287	0	0	16
NC	Cogentrix-Rocky Mount	50468	BLR01B	0	0		0	0	0	0
NC	Cogentrix-Rocky Mount	50468	CS002 (BLR02A, BLR02B)			303				
NC	Cogentrix-Rocky Mount	50468	BLR02A	0	287		287	0	0	0
NC	Cogentrix-Rocky Mount	50468	BLR02B	0	0		0	0	0	0
NC	Cogentrix-Rocky Mount	50468	OVERDF	0	16		16	0	0	0
NC	Cogentrix-Roxboro	10379	CS001 (BLR01A, BLR01B, BLR01C)			207				
NC	Cogentrix-Roxboro	10379	BLR01A	175	219		207	0	0	12
NC	Cogentrix-Roxboro	10379	BLR01B	0	0		0	0	0	0
NC	Cogentrix-Roxboro	10379	BLR01C	0	0		0	0	0	0
NC	Cogentrix-Roxboro	10379	OVERDF	0	0		0	0	0	0
NC	Cogentrix-Southport	10378	CS001 (BLR01A, BLR01B, BLR01C)			236				
NC	Cogentrix-Southport	10378	BLR01A	356	252		236	0	0	16
NC	Cogentrix-Southport	10378	BLR01B	0	0		0	0	0	0
NC	Cogentrix-Southport	10378	BLR01C	0	0		0	0	0	0
NC	Cogentrix-Southport	10378	CS002 (BLR02A, BLR02B, BLR02C)			265				
NC	Cogentrix-Southport	10378	BLR02A	0	100		100	0	0	0
NC	Cogentrix-Southport	10378	BLR02B	0	0		0	0	0	0

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NC	Cogentrix-Southport	10378	BLR02C	0	0		0	0	0	0
NC	Cogentrix-Southport	10378	OVERDF	0	165		165	0	0	0
NC	Dan River	2723	1	154	154	125	125	0	0	29
NC	Dan River	2723	2	168	143	135	135	0	0	8
NC	Dan River	2723	3	355	355	331	331	0	0	24
NC	Dan River	2723	4C	0	0	2	0	0	0	0
NC	Dan River	2723	5C	0	0	1	0	0	0	0
NC	Dan River	2723	6C	0	0	1	0	0	0	0
NC	Dan River	2723	OVERDF	0	25		4	0	0	21
NC	Elizabethtown Power	10380	OVERDF	0	0		0	0	0	0
NC	Elizabethtown Power	10380	CS1 (UNIT1, UNIT2)			4				
NC	Elizabethtown Power	10380	UNIT1	115	21		4	0	0	17
NC	Elizabethtown Power	10380	UNIT2	0	0		0	0	0	0
NC	G G Allen	2718	1	409	259	230	230	0	0	29
NC	G G Allen	2718	2	414	344	304	304	0	0	40
NC	G G Allen	2718	3	689	689	651	651	0	0	38
NC	G G Allen	2718	4	616	616	664	616	0	0	0
NC	G G Allen	2718	5	675	675	618	618	0	0	57
NC	G G Allen	2718	OVERDF	0	100		48	0	0	52
NC	Green Power Kenansville LLC	10381	CS001 (BLR01A, BLR01B)			27				
NC	Green Power Kenansville LLC	10381	BLR01A	103	30		27	0	0	3
NC	Green Power Kenansville LLC	10381	BLR01B	0	0		0	0	0	0
NC	Green Power Kenansville LLC	10381	OVERDF	0	0		0	0	0	0
NC	International Paper (NC)	50254	001	518	361	349	349	0	0	12
NC	International Paper-Riegelwood	54656	003	126	49	46	46	0	0	3
NC	International Paper-Riegelwood	54656	OVERDF	0	0		0	0	0	0
NC	L V Sutton	2713	CS0002 (1, 2)			846				
NC	L V Sutton	2713	1	212	423		423	0	0	0
NC	L V Sutton	2713	2	231	423		423	0	0	0
NC	L V Sutton	2713	2A	0	1	1	1	0	0	0
NC	L V Sutton	2713	2B	0	1	1	1	0	0	0
NC	L V Sutton	2713	3	939	1,491	1,491	1,491	0	0	0
NC	L V Sutton	2713	OVERDF	0	58		0	0	0	58
NC	Lee	2709	1	169	267	267	267	0	0	0
NC	Lee	2709	10	25	4	3	3	0	0	1
NC	Lee	2709	11	25	2	2	2	0	0	0
NC	Lee	2709	12	92	2	2	2	0	0	0
NC	Lee	2709	13	92	5	5	5	0	0	0
NC	Lee	2709	2	185	294	294	294	0	0	0
NC	Lee	2709	3	542	766	766	766	0	0	0
NC	Lee	2709	5	0	1	0	0	0	0	1
NC	Lee	2709	6	0	1	0	0	0	0	1
NC	Lee	2709	7	0	1	0	0	0	0	1

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NC	Lee	2709	OVERDF	0	34		0	0	0	34
NC	Lincoln	7277	1	18	18	0	0	0	0	18
NC	Lincoln	7277	10	18	18	0	0	0	0	18
NC	Lincoln	7277	11	18	18	1	1	0	0	17
NC	Lincoln	7277	12	18	18	1	1	0	0	17
NC	Lincoln	7277	13	18	18	1	1	0	0	17
NC	Lincoln	7277	14	18	18	1	1	0	0	17
NC	Lincoln	7277	15	18	18	1	1	0	0	17
NC	Lincoln	7277	16	19	19	1	1	0	0	18
NC	Lincoln	7277	2	18	18	1	1	0	0	17
NC	Lincoln	7277	3	18	18	1	1	0	0	17
NC	Lincoln	7277	4	18	18	1	1	0	0	17
NC	Lincoln	7277	5	18	18	1	1	0	0	17
NC	Lincoln	7277	6	18	18	0	0	0	0	18
NC	Lincoln	7277	7	18	18	1	1	0	0	17
NC	Lincoln	7277	8	18	18	0	0	0	0	18
NC	Lincoln	7277	9	18	18	1	1	0	0	17
NC	Lincoln	7277	OVERDF	0	0		0	0	0	0
NC	Lumberton Power	10382	OVERDF	0	0		0	0	0	0
NC	Lumberton Power	10382	CS1 (UNIT1, UNIT2)			22				
NC	Lumberton Power	10382	UNIT1	114	30		22	0	0	8
NC	Lumberton Power	10382	UNIT2	0	0		0	0	0	0
NC	Marshall	2727	1	1,180	1,010	913	913	0	0	97
NC	Marshall	2727	2	1,233	1,163	1,048	1,048	0	0	115
NC	Marshall	2727	3	2,082	1,982	1,792	1,792	0	0	190
NC	Marshall	2727	4	2,059	1,809	1,645	1,645	0	0	164
NC	Marshall	2727	OVERDF	0	0		0	0	0	0
NC	Mayo	6250	CS0005 (1A, 1B)			581				
NC	Mayo	6250	1A	2,315	581		581	0	0	0
NC	Mayo	6250	1B	0	0		0	0	0	0
NC	Mayo	6250	OVERDF	0	15		0	0	0	15
NC	Panda Rosemary	50555	1	35	35	15	15	0	0	20
NC	Panda Rosemary	50555	2	25	25	10	10	0	0	15
NC	Panda Rosemary	50555	OVERDF	0	0		0	0	0	0
NC	Richmond County Plant	7805	1	22	8	8	8	0	0	0
NC	Richmond County Plant	7805	2	22	7	7	7	0	0	0
NC	Richmond County Plant	7805	3	22	10	9	9	0	0	1
NC	Richmond County Plant	7805	4	22	9	9	9	0	0	0
NC	Richmond County Plant	7805	6	21	8	7	7	0	0	1
NC	Richmond County Plant	7805	7	22	15	15	15	0	0	0
NC	Richmond County Plant	7805	8	0	14	14	14	0	0	0
NC	Richmond County Plant	7805	OVERDF	0	8		0	0	0	8
NC	Riverbend	2732	10	349	249	234	234	0	0	15

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NC	Riverbend	2732	10C	0	0	1	0	0	0	0
NC	Riverbend	2732	11C	0	0	1	0	0	0	0
NC	Riverbend	2732	7	252	152	125	125	0	0	27
NC	Riverbend	2732	8	263	263	297	263	0	0	0
NC	Riverbend	2732	8C	0	0	1	0	0	0	0
NC	Riverbend	2732	9	333	333	449	333	0	0	0
NC	Riverbend	2732	9C	0	0	1	0	0	0	0
NC	Riverbend	2732	OVERDF	0	200		154	0	0	46
NC	Rockingham Power	55116	CT1	34	32	2	2	0	0	30
NC	Rockingham Power	55116	CT2	33	32	2	2	0	0	30
NC	Rockingham Power	55116	CT3	33	33	2	2	0	0	31
NC	Rockingham Power	55116	CT4	33	33	2	2	0	0	31
NC	Rockingham Power	55116	CT5	33	33	2	2	0	0	31
NC	Rockingham Power	55116	OVERDF	0	0		0	0	0	0
NC	Rowan County Power, LLC	7826	1	22	20	0	0	0	0	20
NC	Rowan County Power, LLC	7826	2	22	20	3	3	0	0	17
NC	Rowan County Power, LLC	7826	3	22	20	0	0	0	0	20
NC	Rowan County Power, LLC	7826	4	21	20	7	7	0	0	13
NC	Rowan County Power, LLC	7826	5	22	20	10	10	0	0	10
NC	Rowan County Power, LLC	7826	OVERDF	0	9		0	0	0	9
NC	Roxboro	2712	1	1,003	368	368	368	0	0	0
NC	Roxboro	2712	2	1,867	1,667	1,666	1,666	0	0	1
NC	Roxboro	2712	CS0003 (3A, 3B)			560				
NC	Roxboro	2712	3A	2,066	561		560	0	0	1
NC	Roxboro	2712	3B	0	0		0	0	0	0
NC	Roxboro	2712	CS0004 (4A, 4B)			555				
NC	Roxboro	2712	4A	1,979	555		555	0	0	0
NC	Roxboro	2712	4B	0	0		0	0	0	0
NC	Roxboro	2712	OVERDF	0	93		0	0	0	93
NC	University of North Carolina	54276	ES001	116	0	82	0	0	0	0
NC	University of North Carolina	54276	ES002	0	0	62	0	0	0	0
NC	University of North Carolina	54276	ES003	120	0	1	0	0	0	0
NC	University of North Carolina	54276	OVERDF	0	236		145	0	0	91
NC	W H Weatherspoon	2716	CS0001 (1, 2)			463				
NC	W H Weatherspoon	2716	1	99	232		232	0	0	0
NC	W H Weatherspoon	2716	2	113	232		231	0	0	1
NC	W H Weatherspoon	2716	3	210	242	241	241	0	0	1
NC	W H Weatherspoon	2716	4	0	2	2	2	0	0	0
NC	W H Weatherspoon	2716	5	0	2	2	2	0	0	0
NC	W H Weatherspoon	2716	6	0	2	2	2	0	0	0
NC	W H Weatherspoon	2716	7	0	2	2	2	0	0	0
NC	W H Weatherspoon	2716	OVERDF	0	18		0	0	0	18
NC	Westmoreland-LG&E Roanoke Valley I	54035	1	447	647	613	613	0	0	34

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NC	Westmoreland-LG&E Roanoke Valley II	54755	2	142	142	110	110	0	0	32
NC	Weyerhaeuser - New Bern	50188	105	58	33	27	27	0	0	6
NC	Weyerhaeuser - New Bern	50188	6	181	103	99	99	0	0	4
NC	Weyerhaeuser - New Bern	50188	OVERDF	0	25		0	0	0	25
NC	Weyerhaeuser - Plymouth	50189	1	566	490	476	476	0	0	14
NC	Weyerhaeuser - Plymouth	50189	9	20	20	4	4	0	0	16
NC	Weyerhaeuser - Plymouth	50189	OVERDF	0	0		0	0	0	0
NJ	AES Red Oak	55239	1	25	26	26	26	0	0	0
NJ	AES Red Oak	55239	2	25	25	25	25	0	0	0
NJ	AES Red Oak	55239	3	33	33	33	33	0	0	0
NJ	B L England	2378	1	280	1,106	1,019	1,019	0	0	87
NJ	B L England	2378	2	288	866	723	723	0	0	143
NJ	B L England	2378	3	144	170	48	48	0	0	122
NJ	Bayonne Generating Station	2397	A01001	1	9	9	9	0	0	0
NJ	Bayonne Generating Station	2397	A02001	1	7	7	7	0	0	0
NJ	Bayonne Plant Holding, LLC	50497	001001	24	9	6	6	0	0	3
NJ	Bayonne Plant Holding, LLC	50497	002001	25	9	6	6	0	0	3
NJ	Bayonne Plant Holding, LLC	50497	004001	24	10	6	6	0	0	4
NJ	Bayway Refinery	880016	010001	135	262	216	216	0	0	46
NJ	Bayway Refinery	880016	010003	100	61	40	40	0	0	21
NJ	Bergen	2398	1101	38	35	31	31	0	0	4
NJ	Bergen	2398	1201	53	31	25	25	0	0	6
NJ	Bergen	2398	1301	32	31	28	28	0	0	3
NJ	Bergen	2398	1401	39	33	29	29	0	0	4
NJ	Bergen	2398	2101	17	17	17	17	0	0	0
NJ	Bergen	2398	2201	15	15	15	15	0	0	0
NJ	Bergen	2398	3001	1	2	1	1	0	0	1
NJ	Burlington Generating Station	2399	101	5	1	0	0	0	0	1
NJ	Burlington Generating Station	2399	102	6	0	0	0	0	0	0
NJ	Burlington Generating Station	2399	103	5	0	0	0	0	0	0
NJ	Burlington Generating Station	2399	104	8	1	0	0	0	0	1
NJ	Burlington Generating Station	2399	12001	4	2	2	2	0	0	0
NJ	Burlington Generating Station	2399	121	8	8	8	8	0	0	0
NJ	Burlington Generating Station	2399	122	8	8	8	8	0	0	0
NJ	Burlington Generating Station	2399	123	8	8	8	8	0	0	0
NJ	Burlington Generating Station	2399	124	8	8	8	8	0	0	0
NJ	Burlington Generating Station	2399	14001	4	2	2	2	0	0	0
NJ	Burlington Generating Station	2399	16001	4	3	2	2	0	0	1
NJ	Burlington Generating Station	2399	18001	5	3	2	2	0	0	1
NJ	Burlington Generating Station	2399	28001	3	2	2	2	0	0	0
NJ	Burlington Generating Station	2399	30001	3	2	2	2	0	0	0
NJ	Burlington Generating Station	2399	32001	4	4	2	2	0	0	2
NJ	Burlington Generating Station	2399	34001	4	4	2	2	0	0	2

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NJ	Burlington Generating Station	2399	4001	1	0	0	0	0	0	0
NJ	Calpine Newark Cogeneration	50797	001001	59	26	19	19	0	0	7
NJ	Calpine Parlin	50799	001001	24	10	8	8	0	0	2
NJ	Calpine Parlin	50799	003001	19	11	8	8	0	0	3
NJ	Camden Plant Holding, LLC	10751	002001	61	17	11	11	0	0	6
NJ	Carlls Corner Station	2379	002001	5	37	17	17	0	5	15
NJ	Carlls Corner Station	2379	003001	4	60	24	24	0	0	36
NJ	Carneys Point	10566	1001	374	376	352	352	0	0	24
NJ	Carneys Point	10566	1002	364	366	342	342	0	0	24
NJ	Cedar Station	2380	002001	6	48	44	44	0	0	4
NJ	Cedar Station	2380	003001	6	51	44	44	0	0	7
NJ	Cedar Station	2380	004001	6	78	72	72	0	0	6
NJ	Cumberland	5083	004001	20	21	7	7	0	0	14
NJ	Deepwater	2384	009001	9	14	6	6	0	0	8
NJ	Deepwater	2384	1	38	14	5	5	0	0	9
NJ	Deepwater	2384	8	158	380	358	358	0	0	22
NJ	DSM Nutritional Products, Inc	54416	189003	35	55	20	20	0	0	35
NJ	E F Kenilworth, Inc.	10805	002001	50	52	43	43	0	0	9
NJ	Edison	2400	1001	10	30	29	29	0	0	1
NJ	Edison	2400	11001	7	9	8	8	0	0	1
NJ	Edison	2400	13001	7	9	8	8	0	0	1
NJ	Edison	2400	15001	7	8	8	8	0	0	0
NJ	Edison	2400	17001	9	21	20	20	0	0	1
NJ	Edison	2400	19001	8	14	14	14	0	0	0
NJ	Edison	2400	21001	8	14	13	13	0	0	1
NJ	Edison	2400	23001	8	12	12	12	0	0	0
NJ	Edison	2400	3001	8	26	25	25	0	0	1
NJ	Edison	2400	5001	7	31	30	30	0	0	1
NJ	Edison	2400	7001	7	28	28	28	0	0	0
NJ	Edison	2400	9001	6	8	8	8	0	0	0
NJ	Essex	2401	10001	8	14	13	13	0	0	1
NJ	Essex	2401	12001	8	13	13	13	0	0	0
NJ	Essex	2401	14001	10	19	18	18	0	0	1
NJ	Essex	2401	16001	9	24	24	24	0	0	0
NJ	Essex	2401	18001	10	25	23	23	0	0	2
NJ	Essex	2401	20001	9	33	33	33	0	0	0
NJ	Essex	2401	2001	9	12	11	11	0	0	1
NJ	Essex	2401	22001	13	27	25	25	0	0	2
NJ	Essex	2401	24001	11	22	21	21	0	0	1
NJ	Essex	2401	26001	13	23	21	21	0	0	2
NJ	Essex	2401	28001	13	26	24	24	0	0	2
NJ	Essex	2401	35001	28	18	15	15	0	0	3
NJ	Essex	2401	4001	9	13	12	12	0	0	1

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STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NO _x EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
NJ	Forked River	7138	002001	14	18	13	13	0	0	5
NJ	Forked River	7138	003001	12	18	12	12	0	0	6
NJ	Gilbert Generating Station	2393	015001	2	5	1	1	0	0	4
NJ	Gilbert Generating Station	2393	016001	2	4	0	0	0	0	4
NJ	Gilbert Generating Station	2393	017001	3	4	1	1	0	0	3
NJ	Gilbert Generating Station	2393	018001	2	4	0	0	0	0	4
NJ	Gilbert Generating Station	2393	04	44	9	2	2	0	0	7
NJ	Gilbert Generating Station	2393	05	48	11	3	3	0	0	8
NJ	Gilbert Generating Station	2393	06	44	10	2	2	0	0	8
NJ	Gilbert Generating Station	2393	07	47	11	3	3	0	0	8
NJ	Gilbert Generating Station	2393	9	27	10	4	4	0	0	6
NJ	Glen Gardner	8227	003001	4	6	3	3	0	0	3
NJ	Glen Gardner	8227	004001	4	6	3	3	0	0	3
NJ	Glen Gardner	8227	005001	4	5	2	2	0	0	3
NJ	Glen Gardner	8227	006001	4	6	3	3	0	0	3
NJ	Glen Gardner	8227	007001	4	7	4	4	0	0	3
NJ	Glen Gardner	8227	008001	4	5	2	2	0	0	3
NJ	Glen Gardner	8227	009001	4	5	2	2	0	0	3
NJ	Glen Gardner	8227	010001	4	5	2	2	0	0	3
NJ	Howard M Down	2434	005001	11	14	5	5	0	0	9
NJ	Howard M Down	2434	006001	36	237	149	149	0	0	88
NJ	Hudson Generating Station	2403	1	163	177	161	161	0	0	16
NJ	Hudson Generating Station	2403	2	1,033	3,426	3,426	3,426	0	0	0
NJ	Hudson Generating Station	2403	8001	6	0	0	0	0	0	0
NJ	Kearny Generating Station	2404	121	8	8	8	8	0	0	0
NJ	Kearny Generating Station	2404	122	9	9	9	9	0	0	0
NJ	Kearny Generating Station	2404	123	9	9	9	9	0	0	0
NJ	Kearny Generating Station	2404	124	7	7	7	7	0	0	0
NJ	Kearny Generating Station	2404	15001	3	6	5	5	0	0	1
NJ	Kearny Generating Station	2404	16001	12	36	36	36	0	0	0
NJ	Kearny Generating Station	2404	17001	11	39	28	28	0	0	11
NJ	Kearny Generating Station	2404	7	35	6	2	2	0	0	4
NJ	Kearny Generating Station	2404	8	14	3	2	2	0	0	1
NJ	Lakewood Cogeneration	54640	001001	17	28	14	14	0	0	14
NJ	Lakewood Cogeneration	54640	002001	16	35	17	17	0	0	18
NJ	Linden Cogeneration Facility	50006	004001	14	14	14	14	0	0	0
NJ	Linden Cogeneration Facility	50006	005001	39	45	36	36	0	0	9
NJ	Linden Cogeneration Facility	50006	006001	41	46	34	34	0	0	12
NJ	Linden Cogeneration Facility	50006	007001	40	49	39	39	0	0	10
NJ	Linden Cogeneration Facility	50006	008001	40	46	36	36	0	0	10
NJ	Linden Cogeneration Facility	50006	009001	40	46	35	35	0	0	11
NJ	Linden Generating Station	2406	11	10	1	0	0	0	0	1
NJ	Linden Generating Station	2406	12	0	0	0	0	0	0	0

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NJ	Linden Generating Station	2406	13	11	1	0	0	0	0	1
NJ	Linden Generating Station	2406		45	3	0	0	0	0	3
NJ	Linden Generating Station	2406	5	8	8	8	8	0	0	0
NJ	Linden Generating Station	2406	6	10	10	10	10	0	0	0
NJ	Linden Generating Station	2406	7	14	10	8	8	0	0	2
NJ	Linden Generating Station	2406	7001	3	0	0	0	0	0	0
NJ	Linden Generating Station	2406	8	15	10	8	8	0	0	2
NJ	Logan Generating Plant	10043	1001	543	570	522	522	0	0	48
NJ	Mercer Generating Station	2408	1	499	507	421	421	0	0	86
NJ	Mercer Generating Station	2408	2	541	573	330	330	0	0	243
NJ	Mercer Generating Station	2408	7001	4	5	5	5	0	0	0
NJ	Mickleton	8008	001001	17	4	0	0	0	0	4
NJ	Middle Street	2382	003001	3	12	9	9	0	0	3
NJ	Middle Street	2382	004001	2	17	11	11	0	0	6
NJ	Middle Street	2382	005001	4	21	17	17	0	0	4
NJ	Milford Power (10616)	10616	4001	0	13	0	0	0	1	12
NJ	Missouri	2383	010001	3	4	0	0	0	0	4
NJ	Missouri	2383	011001	3	6	2	2	0	0	4
NJ	Missouri	2383	012001	2	7	3	3	0	0	4
NJ	National Park	2409	1001	1	1	0	0	0	0	1
NJ	Newark Bay Cogen	50385	1001	17	13	11	11	0	0	2
NJ	Newark Bay Cogen	50385	2001	16	13	11	11	0	0	2
NJ	Newark Bay Cogen	50385	3001	5	8	4	4	0	0	4
NJ	North Jersey Energy Associates	10308	1001	176	136	88	88	0	0	48
NJ	North Jersey Energy Associates	10308	1002	171	164	116	116	0	0	48
NJ	Ocean Peaking Power, LP	55938	OPP3	11	11	11	11	0	0	0
NJ	Ocean Peaking Power, LP	55938	OPP4	12	12	12	12	0	0	0
NJ	Prime Energy	50852	002001	102	76	67	67	0	0	9
NJ	Salem	2410	2001	5	3	2	2	0	0	1
NJ	Sayreville	2390	012001	12	30	23	23	0	0	7
NJ	Sayreville	2390	014001	9	22	14	14	0	0	8
NJ	Sayreville	2390	015001	12	23	16	16	0	0	7
NJ	Sayreville	2390	016001	12	10	3	3	0	0	7
NJ	Sewaren Generating Station	2411	1	37	27	22	22	0	0	5
NJ	Sewaren Generating Station	2411	12001	3	9	9	9	0	0	0
NJ	Sewaren Generating Station	2411	2	32	63	59	59	0	0	4
NJ	Sewaren Generating Station	2411	3	41	105	100	100	0	0	5
NJ	Sewaren Generating Station	2411	4	58	103	98	98	0	0	5
NJ	Sherman Avenue	7288	1	24	30	18	18	0	0	12
NJ	Sunoco Power Generation, LLC	50561	0001	167	64	6	6	0	0	58
NJ	Sunoco Power Generation, LLC	50561	0002	161	62	17	17	0	0	45
NJ	Sunoco, Inc. (R&S) Eagle Point Facility	55113	034101	0	2	0	0	0	0	2
NJ	Sunoco, Inc. (R&S) Eagle Point Facility	55113	034201	0	2	0	0	0	0	2

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NJ	Sunoco, Inc. (R&S) Eagle Point Facility	55113	034301	0	2	0	0	0	0	2
NJ	Sunoco, Inc. (R&S) Eagle Point Facility	55113	034401	0	2	0	0	0	0	2
NJ	Sunoco, Inc. (R&S) Eagle Point Facility	55113	088001	38	42	32	32	0	0	10
NJ	TXU Pedricktown Cogeneration Plant	10099	001001	29	42	12	12	0	0	30
NJ	Valero Refining (NJ)	50628	748001	55	64	38	38	0	0	26
NJ	Valero Refining (NJ)	50628	749001	117	198	183	183	0	0	15
NJ	Valero Refining (NJ)	50628	751001	37	29	23	23	0	0	6
NJ	Valero Refining (NJ)	50628	752001	40	38	32	32	0	0	6
NJ	Valero Refining (NJ)	50628	780001	0	0	0	0	0	0	0
NJ	Vineland Cogeneration	54807	001001	6	0	0	0	0	0	0
NJ	Werner	2385	009001	6	23	17	17	0	0	6
NJ	Werner	2385	010001	6	26	19	19	0	0	7
NJ	Werner	2385	011001	6	22	16	16	0	0	6
NJ	Werner	2385	012001	5	22	16	16	0	0	6
NJ	West Station	6776	002001	13	27	19	19	0	0	8
NY	23rd and 3rd	7910	2301	6	2	2	2	0	0	0
NY	23rd and 3rd	7910	2302	6	1	1	1	0	0	0
NY	23rd and 3rd	7910	OVERDF	0	0		0	0	0	0
NY	59th Street	2503	BLR115, BLR116, BLR117, BLR118)			183				
NY	59th Street	2503	BLR114	47	47		37	0	0	10
NY	59th Street	2503	BLR115	36	36		36	0	0	0
NY	59th Street	2503	BLR116	8	8		8	0	0	0
NY	59th Street	2503	BLR117	15	15		15	0	0	0
NY	59th Street	2503	BLR118	15	15		15	0	0	0
NY	59th Street	2503	CT0001	5	5	1	1	0	0	4
NY	59th Street	2503	OVERDF	0	150		72	0	0	78
NY	74th Street	2504	CS0002 (120, 121, 122)			226				
NY	74th Street	2504	120	147	41		41	0	0	0
NY	74th Street	2504	121	135	46		46	0	0	0
NY	74th Street	2504	122	79	57		57	0	0	0
NY	74th Street	2504	CT0001	1	1	1	1	0	0	0
NY	74th Street	2504	CT0002	0	1	1	1	0	0	0
NY	74th Street	2504	OVERDF	0	353		82	0	0	271
NY	AES Cayuga (Milliken)	2535	XS12 (1, 2)			816				
NY	AES Cayuga (Milliken)	2535	1	339	229		227	0	0	2
NY	AES Cayuga (Milliken)	2535	2	344	591		589	0	0	2
NY	AES Cayuga (Milliken)	2535	OVERDF	0	0		0	0	0	0
NY	AES Greenidge	2527	CSG003 (4, 5)			260				
NY	AES Greenidge	2527	4	46	0		0	0	0	0
NY	AES Greenidge	2527	5	46	260		260	0	0	0
NY	AES Greenidge	2527	6	222	446	444	444	0	0	2
NY	AES Greenidge	2527	OVERDF	0	2		0	0	0	2
NY	AES Hickling	2529	CSH001 (1, 2)			0				

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NY	AES Hickling	2529	1	35	0		0	0	0	0
NY	AES Hickling	2529	2	20	0		0	0	0	0
NY	AES Hickling	2529	CSH002 (3, 4)			0				
NY	AES Hickling	2529	3	49	0		0	0	0	0
NY	AES Hickling	2529	4	52	0		0	0	0	0
NY	AES Hickling	2529	OVERDF	0	0		0	0	0	0
NY	AES Jennison	2531	CSJ001 (1, 2)			0				
NY	AES Jennison	2531	1	38	0		0	0	0	0
NY	AES Jennison	2531	2	34	0		0	0	0	0
NY	AES Jennison	2531	CSJ002 (3, 4)			0				
NY	AES Jennison	2531	3	34	0		0	0	0	0
NY	AES Jennison	2531	4	39	0		0	0	0	0
NY	AES Jennison	2531	OVERDF	0	0		0	0	0	0
NY	AES Somerset (Kintigh)	6082	1	1,261	1,400	1,396	1,396	0	4	0
NY	AES Westover (Goudey)	2526	CSW003 (11, 12, 13)			560				
NY	AES Westover (Goudey)	2526	11	57	0		0	0	0	0
NY	AES Westover (Goudey)	2526	12	58	0		0	0	0	0
NY	AES Westover (Goudey)	2526	13	169	561		560	0	0	1
NY	AES Westover (Goudey)	2526	OVERDF	0	0		0	0	0	0
NY	AG - Energy	10803	1	32	10	9	9	0	0	1
NY	AG - Energy	10803	2	17	3	3	3	0	0	0
NY	AG - Energy	10803	OVERDF	0	0		0	0	0	0
NY	Allegany Station No. 133	10619	00001	29	4	3	3	0	0	1
NY	American Ref-Fuel Niagara	50472	R1B01	5	9	0	0	0	1	8
NY	Arthur Kill	2490	CS0002 (20, 30)			154				
NY	Arthur Kill	2490	20	480	32		32	0	0	0
NY	Arthur Kill	2490	30	475	18		0	0	0	18
NY	Arthur Kill	2490	CT0001	9	0	1	0	0	0	0
NY	Arthur Kill	2490	OVERDF	0	150		123	0	0	27
NY	Astoria Gas Turbine Power	55243	CT0005	33	0	1	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT0007	37	0	1	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT0008	35	0	1	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT0009	35	0	0	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT0010	33	0	10	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT0011	25	0	7	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT0012	31	3	7	3	0	0	0
NY	Astoria Gas Turbine Power	55243	CT0013	29	0	3	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT2-1A	5	22	24	22	0	0	0
NY	Astoria Gas Turbine Power	55243	CT2-1B	0	22	24	22	0	0	0
NY	Astoria Gas Turbine Power	55243	CT2-2A	2	22	22	22	0	0	0
NY	Astoria Gas Turbine Power	55243	CT2-2B	0	22	22	22	0	0	0
NY	Astoria Gas Turbine Power	55243	CT2-3A	4	20	25	20	0	0	0
NY	Astoria Gas Turbine Power	55243	CT2-3B	0	25	25	25	0	0	0

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NY	Astoria Gas Turbine Power	55243	CT2-4A	6	21	21	21	0	0	0
NY	Astoria Gas Turbine Power	55243	CT2-4B	0	16	21	16	0	0	0
NY	Astoria Gas Turbine Power	55243	CT3-1A	8	0	17	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT3-1B	0	0	17	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT3-2A	7	0	13	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT3-2B	0	0	13	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT3-3A	8	0	18	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT3-3B	0	0	18	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT3-4A	7	0	15	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT3-4B	0	0	15	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT4-1A	14	0	27	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT4-1B	0	0	27	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT4-2A	14	0	24	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT4-2B	0	0	24	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT4-3A	15	0	23	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT4-3B	0	0	23	0	0	0	0
NY	Astoria Gas Turbine Power	55243	CT4-4A	14	5	16	5	0	0	0
NY	Astoria Gas Turbine Power	55243	CT4-4B	0	0	16	0	0	0	0
NY	Astoria Gas Turbine Power	55243	OVERDF	0	362		342	0	0	20
NY	Astoria Generating Station	8906	20	2	53	53	53	0	0	0
NY	Astoria Generating Station	8906	30	586	599	575	575	0	0	24
NY	Astoria Generating Station	8906	40	624	492	472	472	0	0	20
NY	Astoria Generating Station	8906	50	669	518	494	494	0	0	24
NY	Astoria Generating Station	8906	CT0001	1	0	0	0	0	0	0
NY	Astoria Generating Station	8906	OVERDF	0	20		0	0	0	20
NY	Athens Generating Company	55405	1	59	25	23	23	0	0	2
NY	Athens Generating Company	55405	2	59	27	25	25	0	0	2
NY	Athens Generating Company	55405	3	59	21	19	19	0	0	2
NY	Batavia Energy	54593	1	49	8	6	6	0	0	2
NY	Bayswater Peaking Facility	55699	1	9	9	4	4	0	0	5
NY	Bayswater Peaking Facility	55699	2	15	15	2	2	0	0	13
NY	Bayswater Peaking Facility	55699	OVERDF	0	0		0	0	0	0
NY	Bethlehem Energy Center (Albany)	2539	1	114	9	6	6	0	0	3
NY	Bethlehem Energy Center (Albany)	2539	2	124	35	34	34	0	0	1
NY	Bethlehem Energy Center (Albany)	2539	3	140	8	3	3	0	0	5
NY	Bethlehem Energy Center (Albany)	2539	4	117	6	7	6	0	0	0
NY	Bethlehem Energy Center (Albany)	2539	OVERDF	0	7		1	0	0	6
NY	Binghamton Cogen Plant	55600	1	70	2	0	0	0	0	2
NY	Black River Generation, LLC	10464	CS-1 (E0001, E0002, E0003)			158				
NY	Black River Generation, LLC	10464	E0001	52	52		52	0	0	0
NY	Black River Generation, LLC	10464	E0002	52	52		52	0	0	0
NY	Black River Generation, LLC	10464	E0003	52	52		52	0	0	0
NY	Black River Generation, LLC	10464	OVERDF	0	7		2	0	0	5

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NY	Bowline Generating Station	2625	1	843	443	292	292	0	0	151
NY	Bowline Generating Station	2625	2	649	217	87	87	0	0	130
NY	Bowline Generating Station	2625	OVERDF	0	56	0	0	0	0	56
NY	Brentwood	7912	BW01	9	1	1	1	0	0	0
NY	Brooklyn Navy Yard Cogeneration	54914	1	30	13	12	12	0	0	1
NY	Brooklyn Navy Yard Cogeneration	54914	2	30	28	13	13	0	0	15
NY	Brooklyn Navy Yard Cogeneration	54914	OVERDF	0	0	0	0	0	0	0
NY	Carr Street Generating Station	50978	A	16	1	0	0	0	0	1
NY	Carr Street Generating Station	50978	B	16	1	1	1	0	0	0
NY	Carr Street Generating Station	50978	OVERDF	0	4	0	0	0	0	4
NY	Carthage Energy	10620	1	22	10	2	2	0	0	8
NY	Castleton	10190	1	93	23	18	18	0	0	5
NY	Charles Poletti	2491	001	924	662	656	656	0	0	6
NY	CPN Bethpage 3rd Turbine, Inc.	50292	GT1	49	34	0	0	0	0	34
NY	CPN Bethpage 3rd Turbine, Inc.	50292	GT2	49	26	0	0	0	0	26
NY	CPN Bethpage 3rd Turbine, Inc.	50292	GT3	7	7	4	4	0	0	3
NY	CPN Bethpage 3rd Turbine, Inc.	50292	OVERDF	0	0	0	0	0	0	0
NY	Dunkirk	2554	1	191	264	280	264	0	0	0
NY	Dunkirk	2554	2	193	0	244	0	0	0	0
NY	Dunkirk	2554	CS0003 (3, 4)			1,107				
NY	Dunkirk	2554	3	342	4		4	0	0	0
NY	Dunkirk	2554	4	362	0		0	0	0	0
NY	Dunkirk	2554	OVERDF	0	1,446		1,363	0	0	83
NY	Dynegy Danskammer	2480	1	37	4	3	3	0	0	1
NY	Dynegy Danskammer	2480	2	49	23	21	21	0	0	2
NY	Dynegy Danskammer	2480	3	229	453	444	444	0	0	9
NY	Dynegy Danskammer	2480	4	476	719	699	699	0	0	20
NY	Dynegy Danskammer	2480	OVERDF	0	160		0	0	0	160
NY	Dynegy Roseton	8006	1	749	812	787	787	0	0	25
NY	Dynegy Roseton	8006	2	787	843	818	818	0	0	25
NY	Dynegy Roseton	8006	OVERDF	0	160		0	0	0	160
NY	E F Barrett	2511	10	297	211	199	199	0	0	12
NY	E F Barrett	2511	20	238	151	139	139	0	0	12
NY	E F Barrett	2511	OVERDF	0	206		54	0	0	152
NY	E F Barrett	2511	U00004	8	8	6	6	0	0	2
NY	E F Barrett	2511	U00005	8	8	3	3	0	0	5
NY	E F Barrett	2511	U00006	7	7	4	4	0	0	3
NY	E F Barrett	2511	U00007	8	8	2	2	0	0	6
NY	E F Barrett	2511	U00008	8	8	5	5	0	0	3
NY	E F Barrett	2511	U00009	8	8	2	2	0	0	6
NY	E F Barrett	2511	U00010	8	8	4	4	0	0	4
NY	E F Barrett	2511	U00011	8	8	4	4	0	0	4
NY	E F Barrett	2511	U00012	16	16	19	16	0	0	0

APPENDIX A: 2004 EMISSIONS AND ALLOWANCE HOLDINGS OF NO_x BUDGET SOURCES

STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NO _x EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
NY	E F Barrett	2511	U00013	16	16	19	16	0	0	0
NY	E F Barrett	2511	U00014	16	16	27	16	0	0	0
NY	E F Barrett	2511	U00015	16	16	27	16	0	0	0
NY	E F Barrett	2511	U00016	13	13	18	13	0	0	0
NY	E F Barrett	2511	U00017	13	13	18	13	0	0	0
NY	E F Barrett	2511	U00018	12	12	20	12	0	0	0
NY	E F Barrett	2511	U00019	12	12	20	12	0	0	0
NY	East Hampton Facility	2512	UGT001	26	33	30	30	0	0	3
NY	East River	2493	60	336	389	373	373	0	0	16
NY	East River	2493	70	186	186	180	180	0	0	6
NY	East River	2493	OVERDF	0	181		0	0	0	181
NY	Eastman Kodak - Kodak Park	10025	CS1E1F (1E, 1F)			254				
NY	Eastman Kodak - Kodak Park	10025	1E	148	152		127	0	0	25
NY	Eastman Kodak - Kodak Park	10025	1F	148	152		127	0	0	25
NY	Eastman Kodak - Kodak Park	10025	2C	362	458	395	395	0	0	63
NY	Eastman Kodak - Kodak Park	10025	2D	43	9	0	0	0	0	9
NY	Eastman Kodak - Kodak Park	10025	3A	317	477	425	425	0	0	52
NY	Eastman Kodak - Kodak Park	10025	3B	317	218	165	165	0	0	53
NY	Eastman Kodak - Kodak Park	10025	4A	404	562	498	498	0	0	64
NY	Eastman Kodak - Kodak Park	10025	4B	297	406	355	355	0	0	51
NY	Eastman Kodak - Kodak Park	10025	OVERDF	0	0		0	0	0	0
NY	Equus Freeport Power Generating Station	56032	0001	0	15	15	15	0	0	0
NY	Far Rockaway	2513	40	138	147	77	77	0	0	70
NY	Fortistar North Tonawanda Inc	54131	NTCT1	82	71	16	16	0	0	55
NY	Freeport Power Plant No. 2	2679	5	0	2	1	1	0	0	1
NY	Fulton Cogeneration Associates	54138	01GTDB	57	13	0	0	0	0	13
NY	General Electric - Waterford	880024	U28006	63	19	19	19	0	0	0
NY	Glens Falls Lehigh Cement Company	880052	01070	732	379	239	239	0	0	140
NY	Glenwood	2514	40	140	140	51	51	0	0	89
NY	Glenwood	2514	50	134	134	54	54	0	0	80
NY	Glenwood	2514	OVERDF	0	17		4	0	0	13
NY	Glenwood	2514	U00020	8	8	11	8	0	0	0
NY	Glenwood	2514	U00021	7	7	8	7	0	0	0
NY	Glenwood Landing Energy Center	7869	OVERDF	0	2		0	0	0	2
NY	Glenwood Landing Energy Center	7869	UGT011	3	3	3	3	0	0	0
NY	Glenwood Landing Energy Center	7869	UGT012	9	9	2	2	0	0	7
NY	Glenwood Landing Energy Center	7869	UGT013	9	9	2	2	0	0	7
NY	Gowanus	2494	CT01-1	14	10	10	10	0	0	0
NY	Gowanus	2494	CT01-2	16	8	8	8	0	0	0
NY	Gowanus	2494	CT01-3	15	10	10	10	0	0	0
NY	Gowanus	2494	CT01-4	9	10	10	10	0	0	0
NY	Gowanus	2494	CT01-5	15	8	8	8	0	0	0
NY	Gowanus	2494	CT01-6	17	8	8	8	0	0	0

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NY	Gowanus	2494	CT01-7	0	10	10	10	0	0	0
NY	Gowanus	2494	CT01-8	0	10	10	10	0	0	0
NY	Gowanus	2494	CT02-1	23	24	23	23	0	0	1
NY	Gowanus	2494	CT02-2	18	19	19	19	0	0	0
NY	Gowanus	2494	CT02-3	22	17	17	17	0	0	0
NY	Gowanus	2494	CT02-4	24	31	30	30	0	0	1
NY	Gowanus	2494	CT02-5	17	26	25	25	0	0	1
NY	Gowanus	2494	CT02-6	18	20	20	20	0	0	0
NY	Gowanus	2494	CT02-7	17	22	22	22	0	0	0
NY	Gowanus	2494	CT02-8	22	23	23	23	0	0	0
NY	Gowanus	2494	CT03-1	19	11	10	10	0	0	1
NY	Gowanus	2494	CT03-2	19	8	7	7	0	0	1
NY	Gowanus	2494	CT03-3	14	3	3	3	0	0	0
NY	Gowanus	2494	CT03-4	15	8	7	7	0	0	1
NY	Gowanus	2494	CT03-5	19	10	10	10	0	0	0
NY	Gowanus	2494	CT03-6	17	11	10	10	0	0	1
NY	Gowanus	2494	CT03-7	13	10	10	10	0	0	0
NY	Gowanus	2494	CT03-8	19	12	11	11	0	0	1
NY	Gowanus	2494	CT04-1	9	4	4	4	0	0	0
NY	Gowanus	2494	CT04-2	18	6	6	6	0	0	0
NY	Gowanus	2494	CT04-3	17	7	7	7	0	0	0
NY	Gowanus	2494	CT04-4	14	6	6	6	0	0	0
NY	Gowanus	2494	CT04-5	13	6	6	6	0	0	0
NY	Gowanus	2494	CT04-6	10	6	6	6	0	0	0
NY	Gowanus	2494	CT04-7	18	5	5	5	0	0	0
NY	Gowanus	2494	CT04-8	18	6	6	6	0	0	0
NY	Gowanus	2494	OVERDF	0	32		0	0	0	32
NY	Harlem River Yard	7914	HR01	6	5	2	2	0	0	3
NY	Harlem River Yard	7914	HR02	6	3	2	2	0	0	1
NY	Harlem River Yard	7914	OVERDF	0	0		0	0	0	0
NY	Hawkeye Energy Greenport, LLC	55969	U-01	22	40	4	4	0	0	36
NY	Hell Gate	7913	HG01	6	2	2	2	0	0	0
NY	Hell Gate	7913	HG02	6	2	2	2	0	0	0
NY	Hell Gate	7913	OVERDF	0	0		0	0	0	0
NY	Hillburn	2628	001	6	9	1	1	0	0	8
NY	Holtsville Facility	8007	OVERDF	0	83		40	0	0	43
NY	Holtsville Facility	8007	U00001	14	14	11	11	0	0	3
NY	Holtsville Facility	8007	U00002	14	14	11	11	0	0	3
NY	Holtsville Facility	8007	U00003	19	19	14	14	0	0	5
NY	Holtsville Facility	8007	U00004	19	19	14	14	0	0	5
NY	Holtsville Facility	8007	U00005	15	15	21	15	0	0	0
NY	Holtsville Facility	8007	U00006	15	15	21	15	0	0	0
NY	Holtsville Facility	8007	U00007	18	18	8	8	0	0	10

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NY	Holtville Facility	8007	U00008	18	18	8	8	0	0	10
NY	Holtville Facility	8007	U00009	15	15	5	5	0	0	10
NY	Holtville Facility	8007	U00010	15	15	5	5	0	0	10
NY	Holtville Facility	8007	U00011	17	17	7	7	0	0	10
NY	Holtville Facility	8007	U00012	17	17	7	7	0	0	10
NY	Holtville Facility	8007	U00013	21	21	10	10	0	0	11
NY	Holtville Facility	8007	U00014	21	21	10	10	0	0	11
NY	Holtville Facility	8007	U00015	17	17	5	5	0	0	12
NY	Holtville Facility	8007	U00016	17	17	5	5	0	0	12
NY	Holtville Facility	8007	U00017	9	9	23	9	0	0	0
NY	Holtville Facility	8007	U00018	9	9	23	9	0	0	0
NY	Holtville Facility	8007	U00019	23	23	21	21	0	0	2
NY	Holtville Facility	8007	U00020	23	23	21	21	0	0	2
NY	Hudson Avenue	2496	BLR071, BLR072, BLR081, BLR082)			225				
NY	Hudson Avenue	2496	BLR071	45	45		45	0	0	0
NY	Hudson Avenue	2496	BLR072	45	45		45	0	0	0
NY	Hudson Avenue	2496	BLR081	45	45		45	0	0	0
NY	Hudson Avenue	2496	BLR082	45	45		45	0	0	0
NY	Hudson Avenue	2496	BLR100	0	0	60	0	0	0	0
NY	Hudson Avenue	2496	CT0003	6	6	0	0	0	0	6
NY	Hudson Avenue	2496	CT0004	6	6	1	1	0	0	5
NY	Hudson Avenue	2496	CT0005	8	8	1	1	0	0	7
NY	Hudson Avenue	2496	OVERDF	0	171		105	0	0	66
NY	Huntley Power	2549	CS0002 (63, 64, 65, 66)			1,255				
NY	Huntley Power	2549	63	148	0		0	0	0	0
NY	Huntley Power	2549	64	176	0		0	0	0	0
NY	Huntley Power	2549	65	170	0		0	0	0	0
NY	Huntley Power	2549	66	178	565		565	0	0	0
NY	Huntley Power	2549	CS0001 (67, 68)			1,091				
NY	Huntley Power	2549	67	355	0		0	0	0	0
NY	Huntley Power	2549	68	373	53		53	0	0	0
NY	Huntley Power	2549	OVERDF	0	1,845		1,728	0	0	117
NY	Ilion Energy Center	50459	1	42	46	0	0	0	0	46
NY	Indeck-Corinth Energy Center	50458	1	82	44	44	44	0	0	0
NY	Indeck-Olean Energy Center	54076	1	53	18	17	17	0	0	1
NY	Indeck-Oswego Energy Center	50450	1	75	7	3	3	0	0	4
NY	Indeck-Silver Springs Energy Center	50449	1	98	41	37	37	0	0	4
NY	Indeck-Yerkes Energy Center	50451	1	44	21	17	17	0	0	4
NY	Independence	54547	1	62	14	13	13	0	0	1
NY	Independence	54547	2	62	10	10	10	0	0	0
NY	Independence	54547	3	62	10	10	10	0	0	0
NY	Independence	54547	4	62	11	11	11	0	0	0
NY	Independence	54547	OVERDF	0	4		0	0	0	4

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NY	International Paper-Hudson River	54088	N01PB	147	0	0	0	0	0	0
NY	KIAC Cogeneration	54114	GT1	42	30	28	28	0	1	1
NY	KIAC Cogeneration	54114	GT2	42	22	20	20	0	1	1
NY	KIAC Cogeneration	54114	OVERDF	0	0		0	0	0	0
NY	Lafarge Building Materials, Inc.	880044	41000	5,063	2,369	2,103	2,103	0	0	266
NY	Lockport	54041	011854	97	129	112	112	0	0	17
NY	Lockport	54041	011855	96	193	97	97	0	0	96
NY	Lockport	54041	011856	97	155	93	93	0	0	62
NY	Lockport	54041	OVERDF	0	0		0	0	0	0
NY	Lovett Generating Station	2629	3	59	76	2	2	0	0	74
NY	Lovett Generating Station	2629	4	318	732	836	732	0	0	0
NY	Lovett Generating Station	2629	5	380	530	899	530	0	0	0
NY	Lovett Generating Station	2629	OVERDF	0	867		473	0	0	394
NY	Massena Energy Facility	54592	001	65	2	1	1	0	0	1
NY	Narrows	2499	CT01-1	34	45	44	44	0	0	1
NY	Narrows	2499	CT01-2	33	45	44	44	0	0	1
NY	Narrows	2499	CT01-3	31	45	44	44	0	0	1
NY	Narrows	2499	CT01-4	34	45	44	44	0	0	1
NY	Narrows	2499	CT01-5	32	43	42	42	0	0	1
NY	Narrows	2499	CT01-6	34	44	43	43	0	0	1
NY	Narrows	2499	CT01-7	34	43	42	42	0	0	1
NY	Narrows	2499	CT01-8	34	45	44	44	0	0	1
NY	Narrows	2499	CT02-1	28	33	32	32	0	0	1
NY	Narrows	2499	CT02-2	29	40	39	39	0	0	1
NY	Narrows	2499	CT02-3	24	43	42	42	0	0	1
NY	Narrows	2499	CT02-4	21	43	42	42	0	0	1
NY	Narrows	2499	CT02-5	29	42	41	41	0	0	1
NY	Narrows	2499	CT02-6	27	43	42	42	0	0	1
NY	Narrows	2499	CT02-7	28	42	41	41	0	0	1
NY	Narrows	2499	CT02-8	28	42	41	41	0	0	1
NY	Narrows	2499	OVERDF	0	16		0	0	0	16
NY	Nissequogue Cogen	54149	1	86	61	61	61	0	0	0
NY	North 1st	7915	NO1	9	2	2	2	0	0	0
NY	Northport	2516	1	593	593	569	569	0	0	24
NY	Northport	2516	2	534	534	647	534	0	0	0
NY	Northport	2516	3	507	507	601	507	0	0	0
NY	Northport	2516	4	547	547	721	547	0	0	0
NY	Northport	2516	OVERDF	0	452		381	0	0	71
NY	Northport	2516	UGT001	4	5	1	1	0	0	4
NY	Onondaga Cogeneration	50855	1	44	10	1	1	0	3	6
NY	Onondaga Cogeneration	50855	2	24	6	1	1	0	0	5
NY	Onondaga Cogeneration	50855	OVERDF	0	0		0	0	0	0
NY	Oswego Harbor Power	2594	3	0	0	0	0	0	0	0

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NY	Oswego Harbor Power	2594	4	0	0	0	0	0	0	0
NY	Oswego Harbor Power	2594	5	363	25	25	25	0	0	0
NY	Oswego Harbor Power	2594	6	375	23	23	23	0	0	0
NY	Oswego Harbor Power	2594	OVERDF	0	145		0	0	0	145
NY	Port Jefferson Energy Center	2517	1	0	0	0	0	0	0	0
NY	Port Jefferson Energy Center	2517	2	0	0	0	0	0	0	0
NY	Port Jefferson Energy Center	2517	3	274	274	331	274	0	0	0
NY	Port Jefferson Energy Center	2517	4	310	310	393	310	0	0	0
NY	Port Jefferson Energy Center	2517	OVERDF	0	187		140	0	0	47
NY	Port Jefferson Energy Center	2517	UGT001	2	2	1	1	0	0	1
NY	Port Jefferson Energy Center	2517	UGT002	9	9	2	2	0	0	7
NY	Port Jefferson Energy Center	2517	UGT003	9	9	2	2	0	0	7
NY	Pouch Terminal	7911	PT01	9	3	3	3	0	0	0
NY	PPL Edgewood Energy	55786	CT01	7	7	1	1	0	0	6
NY	PPL Edgewood Energy	55786	CT02	7	7	1	1	0	0	6
NY	PPL Edgewood Energy	55786	OVERDF	0	0		0	0	0	0
NY	PPL Shoreham Energy	55787	CT01	11	11	1	1	0	0	10
NY	PPL Shoreham Energy	55787	CT02	11	11	1	1	0	0	10
NY	PPL Shoreham Energy	55787	OVERDF	0	0		0	0	0	0
NY	Project Orange Facility	54425	001	71	8	5	5	0	0	3
NY	Project Orange Facility	54425	002	77	16	13	13	0	0	3
NY	Project Orange Facility	54425	OVERDF	0	0		0	0	0	0
NY	Ravenswood Generating Station	2500	10	289	289	554	289	0	0	0
NY	Ravenswood Generating Station	2500	20	492	348	434	348	0	0	0
NY	Ravenswood Generating Station	2500	30	1,596	1,396	1,481	1,396	0	0	0
NY	Ravenswood Generating Station	2500	CS0001 (BLR001, BLR003)			22				
NY	Ravenswood Generating Station	2500	BLR001	20	3		3	0	0	0
NY	Ravenswood Generating Station	2500	CS0002 (BLR002, BLR004)			45				
NY	Ravenswood Generating Station	2500	BLR002	20	3		3	0	0	0
NY	Ravenswood Generating Station	2500	BLR003	20	3		3	0	0	0
NY	Ravenswood Generating Station	2500	BLR004	20	3		3	0	0	0
NY	Ravenswood Generating Station	2500	CT0001	3	0	0	0	0	0	0
NY	Ravenswood Generating Station	2500	CT0004	9	0	0	0	0	0	0
NY	Ravenswood Generating Station	2500	CT0005	9	0	0	0	0	0	0
NY	Ravenswood Generating Station	2500	CT0006	9	0	0	0	0	0	0
NY	Ravenswood Generating Station	2500	CT0007	9	0	0	0	0	0	0
NY	Ravenswood Generating Station	2500	CT0008	8	6	6	6	0	0	0
NY	Ravenswood Generating Station	2500	CT0009	8	6	6	6	0	0	0
NY	Ravenswood Generating Station	2500	CT0010	9	4	4	4	0	0	0
NY	Ravenswood Generating Station	2500	CT0011	8	6	6	6	0	0	0
NY	Ravenswood Generating Station	2500	CT02-1	8	3	3	3	0	0	0
NY	Ravenswood Generating Station	2500	CT02-2	8	4	4	4	0	0	0
NY	Ravenswood Generating Station	2500	CT02-3	7	5	5	5	0	0	0

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NY	Ravenswood Generating Station	2500	CT02-4	8	3	3	3	0	0	0
NY	Ravenswood Generating Station	2500	CT03-1	7	3	3	3	0	0	0
NY	Ravenswood Generating Station	2500	CT03-2	7	3	3	3	0	0	0
NY	Ravenswood Generating Station	2500	CT03-3	8	2	2	2	0	0	0
NY	Ravenswood Generating Station	2500	CT03-4	8	3	3	3	0	0	0
NY	Ravenswood Generating Station	2500	OVERDF	0	561		491	0	0	70
NY	Ravenswood Generating Station	2500	UCC001	58	21	21	21	0	0	0
NY	Rensselaer Cogen	54034	1GTDBS	62	25	1	1	0	0	24
NY	Richard M Flynn (Holtsville)	7314	001	138	49	49	49	0	0	0
NY	Rochester 7 - Russell Station	2642	CS1 (1, 2)			556				
NY	Rochester 7 - Russell Station	2642	1	77	47		47	0	0	0
NY	Rochester 7 - Russell Station	2642	2	120	4		4	0	0	0
NY	Rochester 7 - Russell Station	2642	CS2 (3, 4)			595				
NY	Rochester 7 - Russell Station	2642	3	101	4		4	0	0	0
NY	Rochester 7 - Russell Station	2642	4	136	6		6	0	0	0
NY	Rochester 7 - Russell Station	2642	OVERDF	0	1,117		1,090	0	0	27
NY	S A Carlson	2682	CS0002 (10, 11)			44				
NY	S A Carlson	2682	10	9	10		10	0	0	0
NY	S A Carlson	2682	11	0	0		0	0	0	0
NY	S A Carlson	2682	12	192	203		157	0	0	46
NY	S A Carlson	2682	20	17	26	14	14	0	0	12
NY	S A Carlson	2682	CS0001 (9, 12)			157				
NY	S A Carlson	2682	9	9	11		0	0	0	11
NY	S A Carlson	2682	OVERDF	0	34		34	0	0	0
NY	Saranac Cogeneration	54574	00001	81	57	56	56	0	0	1
NY	Saranac Cogeneration	54574	00002	81	53	53	53	0	0	0
NY	Saranac Cogeneration	54574	OVERDF	0	0		0	0	0	0
NY	Selkirk Cogen Partners	10725	CTG101	188	74	94	74	0	0	0
NY	Selkirk Cogen Partners	10725	CTG201	85	0	23	0	0	0	0
NY	Selkirk Cogen Partners	10725	CTG301	85	0	23	0	0	0	0
NY	Selkirk Cogen Partners	10725	OVERDF	0	85		66	0	0	19
NY	Shoemaker	2632	1	18	31	1	1	0	0	30
NY	South Glens Falls Energy	10618	1	43	13	2	2	0	0	11
NY	St. Lawrence Cement	880043	1	2,048	1,345	1,294	1,294	0	0	51
NY	Sterling Energy Facility	50744	00001	43	3	2	2	0	0	1
NY	Ticonderoga Mill	54099	000044	268	198	182	182	0	0	16
NY	Trigen Energy - Nassau Energy	52056	00004	109	95	87	87	0	0	8
NY	Trigen Energy - Syracuse	50651	1 (BLR1, BLR2, BLR3, BLR4, BLR5)			426				
NY	Trigen Energy - Syracuse	50651	BLR1	50	108		85	0	0	23
NY	Trigen Energy - Syracuse	50651	BLR2	48	96		85	0	0	11
NY	Trigen Energy - Syracuse	50651	BLR3	48	80		80	0	0	0
NY	Trigen Energy - Syracuse	50651	BLR4	48	83		83	0	0	0
NY	Trigen Energy - Syracuse	50651	BLR5	48	73		73	0	0	0

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NY	Trigen Energy - Syracuse	50651	OVERDF	0	66		20	0	0	46
NY	Vernon Boulevard	7909	OVERDF	0	0		0	0	0	0
NY	Vernon Boulevard	7909	VB01	6	1	1	1	0	0	0
NY	Vernon Boulevard	7909	VB02	6	1	1	1	0	0	0
NY	Wading River Facility	7146	OVERDF	0	19		15	0	0	4
NY	Wading River Facility	7146	UGT007	43	43	58	43	0	0	0
NY	Wading River Facility	7146	UGT008	38	34	33	33	0	0	1
NY	Wading River Facility	7146	UGT009	36	36	31	31	0	0	5
NY	Wading River Facility	7146	UGT013	5	5	4	4	0	0	1
NY	Wading River Facility	7146	UGT014	4	4	0	0	0	0	4
NY	Waterside	2502	CS0002 (61, 62)			131				
NY	Waterside	2502	61	115	115		66	0	0	49
NY	Waterside	2502	62	120	120		65	0	0	55
NY	Waterside	2502	CS0003 (80, 90)			100				
NY	Waterside	2502	80	154	154		50	0	0	104
NY	Waterside	2502	90	157	157		50	0	0	107
NY	Waterside	2502	OVERDF	0	0		0	0	0	0
NY	West Babylon Facility	2521	UGT001	17	21	7	7	0	0	14
NY	WPS Beaver Falls Generation, LLC	10617	1	63	56	1	1	0	0	55
NY	WPS Empire State, Inc-Syracuse	10621	1	58	64	3	3	0	0	61
NY	WPS Niagara Generation, LLC	50202	1	132	175	118	118	0	0	57
OH	AK Steel Corporation - Middletown	880042	OVERDF	0	48		0	0	0	48
OH	AK Steel Corporation - Middletown	880042	P009	66	36	28	28	0	0	8
OH	AK Steel Corporation - Middletown	880042	P010	66	41	35	35	0	0	6
OH	AK Steel Corporation - Middletown	880042	P011	66	31	27	27	0	0	4
OH	AK Steel Corporation - Middletown	880042	P012	66	26	21	21	0	0	5
OH	AMP-Ohio Gas Turbines Bowling Green	55262	CT1	24	24	0	0	24	0	0
OH	AMP-Ohio Gas Turbines Galion	55263	CT1	24	24	0	0	24	0	0
OH	AMP-Ohio Gas Turbines Napoleon	55264	CT1	24	24	0	0	24	0	0
OH	Ashtabula	2835	7	333	333	384	333	0	0	0
OH	Ashtabula	2835	OVERDF	0	61		51	0	0	10
OH	Avon Lake Power Plant	2836	10	139	139	130	130	0	0	9
OH	Avon Lake Power Plant	2836	12	1,040	2,203	2,078	2,078	0	0	125
OH	Avon Lake Power Plant	2836	CT10	3	9	4	4	0	0	5
OH	Avon Lake Power Plant	2836	OVERDF	0	0		0	0	0	0
OH	Bay Shore	2878	1	208	159	149	149	0	0	10
OH	Bay Shore	2878	CS5 (2, 3, 4)			1,347				
OH	Bay Shore	2878	2	229	229		229	0	0	0
OH	Bay Shore	2878	3	213	213		213	0	0	0
OH	Bay Shore	2878	4	330	330		330	0	0	0
OH	Bay Shore	2878	OVERDF	0	615		575	0	0	40
OH	BP Products North America, Inc.	880030	B004	39	0	29	0	0	0	0
OH	BP Products North America, Inc.	880030	B020	101	0	113	0	0	0	0

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OH	BP Products North America, Inc.	880030	OVERDF	0	142		142	0	0	0
OH	Cardinal	2828	1	1,587	1,384	345	345	0	0	1,039
OH	Cardinal	2828	2	2,062	1,863	358	358	0	0	1,505
OH	Cardinal	2828	3	2,375	2,374	337	337	0	0	2,037
OH	Cardinal	2828	B008	0	2	0	0	0	0	2
OH	Cardinal	2828	OVERDF	0	0		0	0	0	0
OH	Cargill Incorporated	880039	B004	131	220	187	187	0	0	33
OH	Cargill Incorporated	880039	B006	1	1	0	0	0	0	1
OH	Cargill Incorporated	880039	OVERDF	0	0		0	0	0	0
OH	Cognis Corporation-Cincinnati Plant	880033	B027	206	326	258	258	0	0	68
OH	Conesville	2840	CS012 (1, 2)			104				
OH	Conesville	2840	1	214	40		34	0	0	6
OH	Conesville	2840	2	203	73		70	0	0	3
OH	Conesville	2840	3	212	504	489	489	0	0	15
OH	Conesville	2840	4	1,119	1,839	1,733	1,733	0	0	106
OH	Conesville	2840	CS056 (5, 6)			2,225				
OH	Conesville	2840	5	866	1,129		1,097	0	0	32
OH	Conesville	2840	6	870	1,161		1,128	0	0	33
OH	Conesville	2840	OVERDF	0	0		0	0	0	0
OH	Darby Electric Generating Station	55247	CT1	29	29	0	0	29	0	0
OH	Darby Electric Generating Station	55247	CT2	29	29	0	0	29	0	0
OH	Darby Electric Generating Station	55247	CT3	29	29	0	0	29	0	0
OH	Darby Electric Generating Station	55247	CT4	28	28	0	0	28	0	0
OH	Darby Electric Generating Station	55247	CT5	28	28	0	0	28	0	0
OH	Darby Electric Generating Station	55247	CT6	28	28	0	0	28	0	0
OH	Darby Electric Generating Station	55247	OVERDF	0	0		0	0	0	0
OH	Dicks Creek Station	2831	1	7	3	1	1	0	0	2
OH	Eastlake	2837	1	214	214	300	214	0	0	0
OH	Eastlake	2837	2	230	230	238	230	0	0	0
OH	Eastlake	2837	3	251	237	227	227	0	0	10
OH	Eastlake	2837	4	371	371	404	371	0	0	0
OH	Eastlake	2837	5	974	1,980	1,984	1,980	0	0	0
OH	Eastlake	2837	6	1	1	3	1	0	0	0
OH	Eastlake	2837	OVERDF	0	188		133	0	0	55
OH	Edgewater (2857)	2857	A	1	1	1	1	0	0	0
OH	Edgewater (2857)	2857	B	1	1	2	1	0	0	0
OH	Edgewater (2857)	2857	OVERDF	0	11		1	0	0	10
OH	Frank M Tait Station	2847	1	23	0	0	0	0	0	0
OH	Frank M Tait Station	2847	2	26	0	0	0	0	0	0
OH	Frank M Tait Station	2847	3	80	78	0	0	77	0	1
OH	Frank M Tait Station	2847	OVERDF	0	47		0	0	0	47
OH	Gen J M Gavin	8102	1	6,004	1,799	1,028	1,028	0	0	771
OH	Gen J M Gavin	8102	2	12,865	2,067	1,054	1,054	0	0	1,013

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OH	Gen J M Gavin	8102	B001	0	2	0	0	0	0	2
OH	Gen J M Gavin	8102	B002	0	2	0	0	0	0	2
OH	Gen J M Gavin	8102	OVERDF	0	0	0	0	0	0	0
OH	Goodyear Tire & Rubber Company	10114	B101	100	150	134	134	0	0	16
OH	Goodyear Tire & Rubber Company	10114	B102	106	156	105	105	0	0	51
OH	Goodyear Tire & Rubber Company	10114	OVERDF	0	0	0	0	0	0	0
OH	Greenville Electric Gen Station	55228	G1CT1	11	12	2	2	10	0	0
OH	Greenville Electric Gen Station	55228	G1CT2	11	12	2	2	10	0	0
OH	Greenville Electric Gen Station	55228	G2CT1	11	12	1	1	10	0	1
OH	Greenville Electric Gen Station	55228	G2CT2	11	12	1	1	10	0	1
OH	Greenville Electric Gen Station	55228	G3CT1	10	10	1	1	9	0	0
OH	Greenville Electric Gen Station	55228	G3CT2	10	11	1	1	9	0	1
OH	Greenville Electric Gen Station	55228	G4CT1	10	11	1	1	9	0	1
OH	Greenville Electric Gen Station	55228	G4CT2	10	11	1	1	9	0	1
OH	Greenville Electric Gen Station	55228	OVERDF	0	3	0	0	0	0	3
OH	Hamilton Municipal Power Plant	2917	8	566	186	140	140	0	0	46
OH	Hamilton Municipal Power Plant	2917	9	110	190	180	180	0	0	10
OH	Hanging Rock Energy Facility	55736	CTG1	28	32	7	7	25	0	0
OH	Hanging Rock Energy Facility	55736	CTG2	27	31	6	6	24	0	1
OH	Hanging Rock Energy Facility	55736	CTG3	27	32	7	7	25	0	0
OH	Hanging Rock Energy Facility	55736	CTG4	27	31	6	6	25	0	0
OH	Hanging Rock Energy Facility	55736	OVERDF	0	0	0	0	0	0	0
OH	ISG Cleveland Inc	10398	B001	137	8	8	8	0	0	0
OH	ISG Cleveland Inc	10398	B002	148	0	0	0	0	0	0
OH	ISG Cleveland Inc	10398	B003	157	13	13	13	0	0	0
OH	ISG Cleveland Inc	10398	B004	156	0	0	0	0	0	0
OH	ISG Cleveland Inc	10398	B007	153	10	8	8	0	0	2
OH	ISG Cleveland Inc	10398	B905	14	0	0	0	0	0	0
OH	ISG Cleveland Inc	10398	OVERDF	0	10	0	0	0	0	10
OH	J M Stuart	2850	1	1,054	622	617	617	0	0	5
OH	J M Stuart	2850	2	1,228	820	812	812	0	0	8
OH	J M Stuart	2850	3	1,074	700	690	690	0	0	10
OH	J M Stuart	2850	4	1,106	809	793	793	0	0	16
OH	J M Stuart	2850	5	0	7	7	7	0	0	0
OH	J M Stuart	2850	OVERDF	0	108	0	0	0	0	108
OH	Killen Station	6031	2	1,706	782	745	745	0	0	37
OH	Kyger Creek	2876	CS001 (1, 2, 3, 4, 5)			1,240				
OH	Kyger Creek	2876	1	767	767		248	0	0	519
OH	Kyger Creek	2876	2	767	767		248	0	0	519
OH	Kyger Creek	2876	3	774	774		248	0	0	526
OH	Kyger Creek	2876	4	761	761		248	0	0	513
OH	Kyger Creek	2876	5	750	750		248	0	0	502
OH	Kyger Creek	2876	OVERDF	0	0	0	0	0	0	0

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OH	Lake Shore	2838	18	195	386	376	376	0	0	10
OH	Mad River	2860	A	2	2	12	2	0	0	0
OH	Mad River	2860	B	2	2	8	2	0	0	0
OH	Mad River	2860	OVERDF	0	26		16	0	0	10
OH	Madison Generating Station	55110	1	65	65	0	0	65	0	0
OH	Madison Generating Station	55110	2	65	65	1	1	64	0	0
OH	Madison Generating Station	55110	3	64	64	1	0	64	0	0
OH	Madison Generating Station	55110	4	64	64	1	1	63	0	0
OH	Madison Generating Station	55110	5	64	64	0	0	64	0	0
OH	Madison Generating Station	55110	6	64	64	0	0	64	0	0
OH	Madison Generating Station	55110	7	64	64	0	0	64	0	0
OH	Madison Generating Station	55110	8	64	64	1	1	63	0	0
OH	Madison Generating Station	55110	OVERDF	0	8		1	0	0	7
OH	Miami Fort	2832	CS056 (5-1, 5-2, 6)			878				
OH	Miami Fort	2832	5-1	35	0		0	0	0	0
OH	Miami Fort	2832	5-2	35	0		0	0	0	0
OH	Miami Fort	2832	6	398	0		0	0	0	0
OH	Miami Fort	2832	7	2,314	337	338	337	0	0	0
OH	Miami Fort	2832	8	3,655	362	364	362	0	0	0
OH	Miami Fort	2832	OVERDF	0	961		881	0	0	80
OH	Muskingum River	2872	CS014 (1, 2, 3, 4)			1,961				
OH	Muskingum River	2872	1	475	871		549	0	0	322
OH	Muskingum River	2872	2	482	598		273	0	0	325
OH	Muskingum River	2872	3	513	915		551	0	0	364
OH	Muskingum River	2872	4	514	956		588	0	0	368
OH	Muskingum River	2872	5	1,105	3,474	2,300	2,300	0	0	1,174
OH	Muskingum River	2872	B001	0	4	2	2	0	0	2
OH	Muskingum River	2872	OVERDF	0	0		0	0	0	0
OH	MW Custom Papers, LLC	10244	B001	182	32	0	0	0	0	32
OH	MW Custom Papers, LLC	10244	B002	205	205	176	176	0	0	29
OH	MW Custom Papers, LLC	10244	B003	248	298	283	283	0	0	15
OH	MW Custom Papers, LLC	10244	OVERDF	0	0		0	0	0	0
OH	New Boston Coke Corporation	880090	B008	20	0	0	0	0	0	0
OH	New Boston Coke Corporation	880090	B009	15	0	0	0	0	0	0
OH	Niles	2861	XS12 (1, 2)			1,092				
OH	Niles	2861	1	212	737		727	0	0	10
OH	Niles	2861	2	160	375		365	0	0	10
OH	Niles	2861	CTA	2	2	0	0	0	0	2
OH	Niles	2861	OVERDF	0	0		0	0	0	0
OH	O H Hutchings	2848	CS0001 (H-1, H-2)			10				
OH	O H Hutchings	2848	H-1	24	4		4	0	0	0
OH	O H Hutchings	2848	H-2	37	7		6	0	0	1
OH	O H Hutchings	2848	CS0002 (H-3, H-4)			141				

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OH	O H Hutchings	2848	H-3	64	45		45	0	0	0
OH	O H Hutchings	2848	H-4	68	95		95	0	0	0
OH	O H Hutchings	2848	CS0003 (H-5, H-6)			120				
OH	O H Hutchings	2848	H-5	62	33		33	0	0	0
OH	O H Hutchings	2848	H-6	69	84		84	0	0	0
OH	O H Hutchings	2848	H-7	1	1	0	0	0	0	1
OH	O H Hutchings	2848	OVERDF	0	17		4	0	0	13
OH	Omega JV2 Bowling Green	7783	P001	57	57	1	1	56	0	0
OH	Omega JV2 Hamilton	7782	P001	57	57	0	0	57	0	0
OH	Picway	2843	9	141	167	162	162	0	0	5
OH	Premcor Lima Refinery	880083	B026	16	19	16	16	0	0	3
OH	Proctor & Gamble Company-Ivorydale	880028	B021	71	0	0	0	0	0	0
OH	Proctor & Gamble Company-Ivorydale	880028	B022	292	263	231	231	0	0	32
OH	Proctor & Gamble Company-Ivorydale	880028	OVERDF	0	0		0	0	0	0
OH	PSEG Waterford Energy Facility	55503	1	33	34	2	2	32	0	0
OH	PSEG Waterford Energy Facility	55503	2	32	34	3	3	30	0	1
OH	PSEG Waterford Energy Facility	55503	3	32	34	3	3	31	0	0
OH	R E Burger	2864	CS0001 (5, 6, 7, 8)			1,002				
OH	R E Burger	2864	5	14	14		14	0	0	0
OH	R E Burger	2864	6	13	13		13	0	0	0
OH	R E Burger	2864	7	337	337		337	0	0	0
OH	R E Burger	2864	8	274	274		274	0	0	0
OH	R E Burger	2864	OVERDF	0	394		364	0	0	30
OH	Republic Engineered Products-Lorain	880077	B013	157	10	8	8	0	0	2
OH	Richard Gorsuch	7253	CS0001 (1, 2, 3, 4)			782				
OH	Richard Gorsuch	7253	1	146	196		196	0	0	0
OH	Richard Gorsuch	7253	2	138	196		196	0	0	0
OH	Richard Gorsuch	7253	3	144	196		196	0	0	0
OH	Richard Gorsuch	7253	4	146	196		194	0	0	2
OH	Richard Gorsuch	7253	OVERDF	0	0		0	0	0	0
OH	Richland Peaking Station	2880	CTG4	29	29	5	1	28	0	0
OH	Richland Peaking Station	2880	CTG5	29	29	5	1	28	0	0
OH	Richland Peaking Station	2880	CTG6	28	28	6	1	27	0	0
OH	Richland Peaking Station	2880	OVERDF	0	28		13	0	0	15
OH	Robert P Mone	7872	1	71	71	1	1	70	0	0
OH	Robert P Mone	7872	2	71	71	1	1	70	0	0
OH	Robert P Mone	7872	3	70	70	1	1	69	0	0
OH	Robert P Mone	7872	OVERDF	0	0		0	0	0	0
OH	Rolling Hills Generating LLC	55401	CT-1	35	35	0	0	35	0	0
OH	Rolling Hills Generating LLC	55401	CT-2	34	35	1	1	34	0	0
OH	Rolling Hills Generating LLC	55401	CT-3	34	34	0	0	34	0	0
OH	Rolling Hills Generating LLC	55401	CT-4	34	34	0	0	34	0	0
OH	Rolling Hills Generating LLC	55401	CT-5	34	34	0	0	34	0	0

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OH	Rolling Hills Generating LLC	55401	OVERDF	0	0		0	0	0	0
OH	Smart Papers LLC	50247	B010	264	113	107	107	0	0	6
OH	South Point Power	880084	B003	106	0	0	0	0	0	0
OH	South Point Power	880084	B004	106	0	0	0	0	0	0
OH	South Point Power	880084	B007	106	0	0	0	0	0	0
OH	South Point Power	880084	OVERDF	0	0		0	0	0	0
OH	Sunoco Inc (R&M) Haverhill Plant	880070	2001UF	29	29	12	12	13	0	4
OH	Sunoco, Inc. (R&M) Toledo Refinery	50965	B044	47	47	36	36	0	0	11
OH	Tait Electric Generating Station	55248	CT4	59	59	0	0	59	0	0
OH	Tait Electric Generating Station	55248	CT5	59	59	0	0	59	0	0
OH	Tait Electric Generating Station	55248	CT6	59	59	0	0	59	0	0
OH	Tait Electric Generating Station	55248	CT7	58	58	0	0	58	0	0
OH	Tait Electric Generating Station	55248	OVERDF	0	0		0	0	0	0
OH	The Ohio State University	14013	B132	14	14	6	6	6	0	2
OH	Troy Energy, LLC	55348	1	47	1	1	0	1	0	0
OH	Troy Energy, LLC	55348	2	47	0	0	0	0	0	0
OH	Troy Energy, LLC	55348	3	47	2	2	0	2	0	0
OH	Troy Energy, LLC	55348	4	47	2	2	0	2	0	0
OH	Troy Energy, LLC	55348	OVERDF	0	188		5	182	0	1
OH	W H Sammis	2866	CS0001 (1, 2)			803				
OH	W H Sammis	2866	1	402	346		346	0	0	0
OH	W H Sammis	2866	2	418	418		401	0	0	17
OH	W H Sammis	2866	CS0002 (3, 4)			1,231				
OH	W H Sammis	2866	3	400	400		400	0	0	0
OH	W H Sammis	2866	4	415	415		415	0	0	0
OH	W H Sammis	2866	5	631	35	1,053	35	0	0	0
OH	W H Sammis	2866	6	1,221	2,600	2,603	2,600	0	0	0
OH	W H Sammis	2866	7	1,259	1,259	2,353	1,259	0	0	0
OH	W H Sammis	2866	OVERDF	0	2,681		2,587	0	0	94
OH	W H Zimmer	6019	1	2,918	1,265	1,266	1,265	0	0	0
OH	W H Zimmer	6019	A	0	1	1	1	0	0	0
OH	W H Zimmer	6019	B	0	1	1	1	0	0	0
OH	W H Zimmer	6019	OVERDF	0	65		1	0	0	64
OH	Walter C Beckjord	2830	1	167	380	382	380	0	0	0
OH	Walter C Beckjord	2830	2	198	320	321	320	0	0	0
OH	Walter C Beckjord	2830	3	281	375	377	375	0	0	0
OH	Walter C Beckjord	2830	4	347	548	550	548	0	0	0
OH	Walter C Beckjord	2830	5	481	928	930	928	0	0	0
OH	Walter C Beckjord	2830	6	850	971	972	971	0	0	0
OH	Walter C Beckjord	2830	CT1	3	4	4	4	0	0	0
OH	Walter C Beckjord	2830	CT2	3	4	3	3	0	0	1
OH	Walter C Beckjord	2830	CT3	4	1	2	1	0	0	0
OH	Walter C Beckjord	2830	CT4	2	1	2	1	0	0	0

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STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
OH	Walter C Beckjord	2830	OVERDF	0	209		12	0	0	197
OH	Washington Energy Facility	55397	CT1	32	35	4	4	30	0	1
OH	Washington Energy Facility	55397	CT2	32	34	4	4	30	0	0
OH	Washington Energy Facility	55397	OVERDF	0	0		0	0	0	0
OH	WCI Steel	54207	B001	111	149	148	148	0	0	1
OH	WCI Steel	54207	B002	29	0	0	0	0	0	0
OH	WCI Steel	54207	B004	140	9	9	9	0	0	0
OH	WCI Steel	54207	OVERDF	0	22	0	0	0	0	22
OH	West Lorain	2869	1A	0	16	16	16	0	0	0
OH	West Lorain	2869	1B	0	17	17	17	0	0	0
OH	West Lorain	2869	2	48	48	1	1	47	0	0
OH	West Lorain	2869	3	48	48	1	1	47	0	0
OH	West Lorain	2869	4	48	48	1	1	47	0	0
OH	West Lorain	2869	5	47	47	1	1	46	0	0
OH	West Lorain	2869	6	47	47	1	1	46	0	0
OH	West Lorain	2869	OVERDF	0	35		0	0	0	35
OH	Woodsdale	7158	**GT1	30	0	0	0	0	0	0
OH	Woodsdale	7158	**GT2	30	0	0	0	0	0	0
OH	Woodsdale	7158	**GT3	39	0	0	0	0	0	0
OH	Woodsdale	7158	**GT4	37	0	0	0	0	0	0
OH	Woodsdale	7158	**GT5	40	0	0	0	0	0	0
OH	Woodsdale	7158	**GT6	39	0	0	0	0	0	0
OH	Woodsdale	7158	OVERDF	0	12		0	0	0	12
PA	AES Beaver Valley Partners	10676	032	144	280	280	280	0	0	0
PA	AES Beaver Valley Partners	10676	033	131	286	286	286	0	0	0
PA	AES Beaver Valley Partners	10676	034	133	249	249	249	0	0	0
PA	AES Beaver Valley Partners	10676	035	67	126	126	126	0	0	0
PA	AES Beaver Valley Partners	10676	OVERDF	0	3		0	0	0	3
PA	AES Ironwood	55337	0001	31	31	25	25	6	0	0
PA	AES Ironwood	55337	0002	37	37	25	25	7	0	5
PA	AES Ironwood	55337	OVERDF	0	0		0	0	0	0
PA	Allegheny Energy Unit 1 and Unit 2	55196	1	16	17	9	9	5	0	3
PA	Allegheny Energy Unit 1 and Unit 2	55196	2	16	17	9	9	5	0	3
PA	Allegheny Energy Unit 1 and Unit 2	55196	OVERDF	0	18		0	0	0	18
PA	Allegheny Energy Unit 8 and Unit 9	55377	8	19	20	9	9	9	0	2
PA	Allegheny Energy Unit 8 and Unit 9	55377	9	19	20	9	9	8	0	3
PA	Allegheny Energy Unit 8 and Unit 9	55377	OVERDF	0	18		0	0	0	18
PA	Allegheny Energy Units 3, 4 & 5	55710	3	14	17	4	4	11	0	2
PA	Allegheny Energy Units 3, 4 & 5	55710	4	14	17	4	4	10	0	3
PA	Allegheny Energy Units 3, 4 & 5	55710	OVERDF	0	4		0	0	0	4
PA	Armagh Compressor Station	880071	31301	20	20	0	0	20	0	0
PA	Armstrong Energy Ltd Part	55347	1	103	0	5	0	0	0	0
PA	Armstrong Energy Ltd Part	55347	2	103	0	2	0	0	0	0

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STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
PA	Armstrong Energy Ltd Part	55347	3	103	0	6	0	0	0	0
PA	Armstrong Energy Ltd Part	55347	4	103	0	5	0	0	0	0
PA	Armstrong Energy Ltd Part	55347	OVERDF	0	412		18	365	0	29
PA	Armstrong Power Station	3178	1	363	634	634	634	0	0	0
PA	Armstrong Power Station	3178	2	383	681	681	681	0	0	0
PA	Armstrong Power Station	3178	OVERDF	0	131		0	0	0	131
PA	Bernville Station	880049	32001	98	31	0	0	0	0	31
PA	Bethlehem Power Plant	55690	1	10	27	7	7	7	0	13
PA	Bethlehem Power Plant	55690	2	10	27	6	6	8	0	13
PA	Bethlehem Power Plant	55690	3	10	27	7	7	7	0	13
PA	Bethlehem Power Plant	55690	5	10	24	8	8	7	0	9
PA	Bethlehem Power Plant	55690	6	10	24	8	8	7	0	9
PA	Bethlehem Power Plant	55690	7	10	24	8	8	7	0	9
PA	Bethlehem Power Plant	55690	OVERDF	0	0		0	0	0	0
PA	Bruce Mansfield	6094	1	1,657	497	919	497	0	0	0
PA	Bruce Mansfield	6094	2	1,672	54	961	54	0	0	0
PA	Bruce Mansfield	6094	3	1,636	53	964	53	0	0	0
PA	Bruce Mansfield	6094	OVERDF	0	4,022		2,240	0	0	1,782
PA	Brunner Island	3140	CS102 (1, 2)			2,445				
PA	Brunner Island	3140	1	568	1,148		1,147	0	0	1
PA	Brunner Island	3140	2	718	1,298		1,298	0	0	0
PA	Brunner Island	3140	3	1,539	3,330	3,330	3,330	0	0	0
PA	Brunner Island	3140	OVERDF	0	3		0	0	0	3
PA	Brunot Island Power Station	3096	2A	0	1	1	1	0	0	0
PA	Brunot Island Power Station	3096	2B	0	1	1	1	0	0	0
PA	Brunot Island Power Station	3096	3	0	1	1	1	0	0	0
PA	Brunot Island Power Station	3096	OVERDF	0	9		0	0	0	9
PA	Cambria Cogen	10641	1	155	160	107	107	0	0	53
PA	Cambria Cogen	10641	2	161	167	107	107	0	0	60
PA	Cambria Cogen	10641	OVERDF	0	0		0	0	0	0
PA	Chambersburg Units 12 and 13	55654	12	19	20	13	13	2	0	5
PA	Chambersburg Units 12 and 13	55654	13	19	20	14	14	3	0	3
PA	Chambersburg Units 12 and 13	55654	OVERDF	0	27		0	0	0	27
PA	Cheswick	8226	1	1,119	325	320	320	0	0	5
PA	Colver Power Project	10143	AAB01	291	286	285	285	0	0	1
PA	Conemaugh	3118	1	2,167	4,463	4,463	4,463	0	0	0
PA	Conemaugh	3118	2	1,995	3,281	3,281	3,281	0	0	0
PA	Conemaugh	3118	OVERDF	0	16		0	0	0	16
PA	ConocoPhillips Co., Trainer Refinery	880025	032	71	78	91	78	0	0	0
PA	ConocoPhillips Co., Trainer Refinery	880025	033	80	82	114	82	0	0	0
PA	ConocoPhillips Co., Trainer Refinery	880025	OVERDF	0	50		45	0	0	5
PA	Cromby	3159	1	377	853	821	821	0	0	32
PA	Cromby	3159	2	201	121	117	117	0	0	4

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STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
PA	Cromby	3159	OVERDF	0	0		0	0	0	0
PA	Croydon Generating Station	8012	11	11	2	0	0	0	0	2
PA	Croydon Generating Station	8012	12	9	1	0	0	0	0	1
PA	Croydon Generating Station	8012	21	5	2	1	1	0	0	1
PA	Croydon Generating Station	8012	22	11	2	0	0	0	0	2
PA	Croydon Generating Station	8012	31	13	1	0	0	0	0	1
PA	Croydon Generating Station	8012	32	6	1	2	1	0	0	0
PA	Croydon Generating Station	8012	41	11	2	0	0	0	0	2
PA	Croydon Generating Station	8012	42	9	3	2	2	0	0	1
PA	Croydon Generating Station	8012	OVERDF	0	1		1	0	0	0
PA	Delaware	3160	71	61	6	0	0	0	0	6
PA	Delaware	3160	81	56	6	0	0	0	0	6
PA	Delaware	3160	OVERDF	0	0		0	0	0	0
PA	Ebensburg Power Company	10603	031	191	124	124	124	0	0	0
PA	Eddystone	3161	1	565	963	926	926	0	0	37
PA	Eddystone	3161	2	636	699	659	659	0	0	40
PA	Eddystone	3161	CS034 (3, 4)			365				
PA	Eddystone	3161	3	207	190		182	0	0	8
PA	Eddystone	3161	4	237	205		183	0	0	22
PA	Eddystone	3161	OVERDF	0	0		0	0	0	0
PA	Elrama	3098	CS001 (1, 2, 3, 4)			1,555				
PA	Elrama	3098	1	214	82		82	0	0	0
PA	Elrama	3098	2	209	389		389	0	0	0
PA	Elrama	3098	3	208	386		386	0	0	0
PA	Elrama	3098	4	428	698		698	0	0	0
PA	Elrama	3098	OVERDF	0	20		0	0	0	20
PA	Entriiken Compressor Station	880072	31601	20	20	0	0	20	0	0
PA	Fairless Energy, LLC	55298	1A	14	19	28	16	3	0	0
PA	Fairless Energy, LLC	55298	1B	14	12	23	8	4	0	0
PA	Fairless Energy, LLC	55298	2A	14	13	24	9	4	0	0
PA	Fairless Energy, LLC	55298	2B	14	17	27	17	0	0	0
PA	Fairless Energy, LLC	55298	OVERDF	0	56		52	3	0	1
PA	Fairless Hills Generating Station	7701	OVERDF	0	0		0	0	0	0
PA	Fairless Hills Generating Station	7701	PHBLR3	15	10	0	0	0	1	9
PA	Fairless Hills Generating Station	7701	PHBLR4	32	25	19	19	0	0	6
PA	Fairless Hills Generating Station	7701	PHBLR5	77	5	3	3	0	0	2
PA	Fayette Energy Facility	55516	CTG1	17	19	5	5	0	0	14
PA	Fayette Energy Facility	55516	CTG2	17	17	5	5	0	0	12
PA	Fayette Energy Facility	55516	OVERDF	0	1		0	0	0	1
PA	FPL Energy Marcus Hook, LP	55801	0001	20	0	33	0	0	0	0
PA	FPL Energy Marcus Hook, LP	55801	0002	20	20	32	2	18	0	0
PA	FPL Energy Marcus Hook, LP	55801	0003	20	0	161	0	0	0	0
PA	FPL Energy Marcus Hook, LP	55801	AB01	17	0	2	0	0	0	0

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PA	FPL Energy Marcus Hook, LP	55801	AB02	17	0	0	0	0	0	0
PA	FPL Energy Marcus Hook, LP	55801	AB03	17	0	0	0	0	0	0
PA	FPL Energy Marcus Hook, LP	55801	AB04	17	0	1	0	0	0	0
PA	FPL Energy Marcus Hook, LP	55801	OVERDF	0	348		227	96	0	25
PA	FPL Energy MH50	50074	001	163	25	15	15	0	0	10
PA	G F Weaton	50130	34	176	215	215	215	0	0	0
PA	G F Weaton	50130	35	180	220	220	220	0	0	0
PA	G F Weaton	50130	OVERDF	0	11		0	0	0	11
PA	Gilberton Power Company	10113	CS001 (031, 032)			78				
PA	Gilberton Power Company	10113	031	137	45		39	0	0	6
PA	Gilberton Power Company	10113	032	136	44		39	0	0	5
PA	Gilberton Power Company	10113	OVERDF	0	0		0	0	0	0
PA	Grays Ferry Cogen Partnership	54785	2	117	145	40	40	0	0	105
PA	Grays Ferry Cogen Partnership	54785	25	77	87	10	10	55	0	22
PA	Grays Ferry Cogen Partnership	54785	OVERDF	0	0		0	0	0	0
PA	Handsome Lake Energy	55233	EU-1A	2	2	0	0	2	0	0
PA	Handsome Lake Energy	55233	EU-1B	2	2	0	0	2	0	0
PA	Handsome Lake Energy	55233	EU-2A	2	2	0	0	2	0	0
PA	Handsome Lake Energy	55233	EU-2B	2	2	0	0	2	0	0
PA	Handsome Lake Energy	55233	EU-3A	2	2	0	0	2	0	0
PA	Handsome Lake Energy	55233	EU-3B	2	2	0	0	2	0	0
PA	Handsome Lake Energy	55233	EU-4A	2	2	0	0	2	0	0
PA	Handsome Lake Energy	55233	EU-4B	2	2	0	0	2	0	0
PA	Handsome Lake Energy	55233	EU-5A	2	2	0	0	2	0	0
PA	Handsome Lake Energy	55233	EU-5B	2	2	0	0	2	0	0
PA	Handsome Lake Energy	55233	OVERDF	0	0		0	0	0	0
PA	Hatfields Ferry Power Station	3179	XS123 (1, 2, 3)			5,543				
PA	Hatfields Ferry Power Station	3179	1	1,155	2,548		2,547	0	0	1
PA	Hatfields Ferry Power Station	3179	2	1,029	1,451		1,451	0	0	0
PA	Hatfields Ferry Power Station	3179	3	1,087	1,544		1,544	0	0	0
PA	Hatfields Ferry Power Station	3179	OVERDF	0	554		1	0	0	553
PA	Homer City	3122	1	1,471	1,811	1,809	1,809	0	0	2
PA	Homer City	3122	2	1,553	1,733	1,732	1,732	0	0	1
PA	Homer City	3122	3	1,437	1,139	1,138	1,138	0	0	1
PA	Homer City	3122	OVERDF	0	279		0	0	0	279
PA	Hunlock Power Station	3176	4	14	15	12	12	0	0	3
PA	Hunlock Power Station	3176	6	131	176	174	174	0	0	2
PA	Hunlock Power Station	3176	OVERDF	0	0		0	0	0	0
PA	Hunterstown	3110	CT101	20	23	7	7	16	0	0
PA	Hunterstown	3110	CT201	20	23	7	7	16	0	0
PA	Hunterstown	3110	CT301	20	22	7	7	15	0	0
PA	Hunterstown	3110	OVERDF	0	3		0	0	0	3
PA	Keystone	3136	1	2,154	1,066	1,066	1,066	0	0	0

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PA	Keystone	3136	2	2,133	678	678	678	0	0	0
PA	Keystone	3136	OVERDF	0	10		0	0	0	10
PA	Kimberly-Clark Tissue Company	50410	034	1	2	6	2	0	0	0
PA	Kimberly-Clark Tissue Company	50410	035	345	73	50	50	0	0	23
PA	Kimberly-Clark Tissue Company	50410	OVERDF	0	4		4	0	0	0
PA	Liberty Electric Power Plant	55231	0001	29	32	25	25	2	0	5
PA	Liberty Electric Power Plant	55231	0002	29	32	28	28	1	0	3
PA	Liberty Electric Power Plant	55231	OVERDF	0	0		0	0	0	0
PA	Lower Mount Bethel Energy	55667	CT01	19	20	10	10	10	0	0
PA	Lower Mount Bethel Energy	55667	CT02	19	21	12	12	9	0	0
PA	Lower Mount Bethel Energy	55667	OVERDF	0	0		0	0	0	0
PA	LTV Steel Company-Pittsburgh Works	880036	B008	25	1	0	0	0	0	1
PA	LTV Steel Company-Pittsburgh Works	880036	B009	15	0	0	0	0	0	0
PA	LTV Steel Company-Pittsburgh Works	880036	B010	29	1	0	0	0	0	1
PA	LTV Steel Company-Pittsburgh Works	880036	B011	55	2	0	0	0	0	2
PA	LTV Steel Company-Pittsburgh Works	880036	OVERDF	0	0		0	0	0	0
PA	Martins Creek	3148	CS102 (1, 2)			931				
PA	Martins Creek	3148	1	314	443		441	0	0	2
PA	Martins Creek	3148	2	293	490		490	0	0	0
PA	Martins Creek	3148	3	543	922	922	922	0	0	0
PA	Martins Creek	3148	4	500	405	405	405	0	0	0
PA	Martins Creek	3148	AUX4B	0	0	0	0	0	0	0
PA	Martins Creek	3148	OVERDF	0	4		0	0	0	4
PA	Merck & Company - West Point	52149	039	126	43	42	42	0	0	1
PA	Merck & Company - West Point	52149	040	14	19	19	19	0	0	0
PA	Merck & Company - West Point	52149	OVERDF	0	10		0	0	0	10
PA	Mitchell Power Station	3181	1	10	0	1	0	0	0	0
PA	Mitchell Power Station	3181	2	6	2	1	1	0	0	1
PA	Mitchell Power Station	3181	3	9	0	0	0	0	0	0
PA	Mitchell Power Station	3181	33	556	722	722	722	0	0	0
PA	Mitchell Power Station	3181	OVERDF	0	36		1	0	0	35
PA	Montour	3149	1	1,560	588	588	588	0	0	0
PA	Montour	3149	2	1,673	509	509	509	0	0	0
PA	Montour	3149	AUX1	0	3	3	3	0	0	0
PA	Montour	3149	AUX2	0	4	4	4	0	0	0
PA	Montour	3149	OVERDF	0	4		0	0	0	4
PA	Mountain	3111	031	5	7	7	7	0	0	0
PA	Mountain	3111	032	5	4	4	4	0	0	0
PA	Mountain	3111	OVERDF	0	2		0	0	0	2
PA	Mt. Carmel Cogeneration	10343	SG-101	152	108	102	102	0	0	6
PA	New Castle	3138	3	190	297	297	297	0	0	0
PA	New Castle	3138	4	195	363	363	363	0	0	0
PA	New Castle	3138	5	245	606	606	606	0	0	0

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PA	New Castle	3138	OVERDF	0	15		0	0	0	15
PA	North East Cogeneration Plant	54571	001	103	1	1	1	0	0	0
PA	North East Cogeneration Plant	54571	002	109	1	1	1	0	0	0
PA	North East Cogeneration Plant	54571	OVERDF	0	0		0	0	0	0
PA	Northampton Generating Plant	50888	NGC01	291	142	136	136	0	0	6
PA	Northeastern Power Company	50039	031	188	67	67	67	0	0	0
PA	Ontelaunee Energy Center	55193	CT1	10	11	11	11	0	0	0
PA	Ontelaunee Energy Center	55193	CT2	10	11	10	10	0	0	1
PA	Ontelaunee Energy Center	55193	OVERDF	0	0		0	0	0	0
PA	P H Glatfelter Company	50397	034	112	327	327	327	0	0	0
PA	P H Glatfelter Company	50397	035	137	239	239	239	0	0	0
PA	P H Glatfelter Company	50397	036	211	256	256	256	0	0	0
PA	P H Glatfelter Company	50397	OVERDF	0	7		0	0	0	7
PA	Panther Creek Energy Facility	50776	1	134	125	120	120	0	0	5
PA	Panther Creek Energy Facility	50776	2	130	125	120	120	0	0	5
PA	Panther Creek Energy Facility	50776	OVERDF	0	0		0	0	0	0
PA	PEI Power Power Corporation	50279	2	29	32	6	6	20	0	6
PA	PEI Power Power Corporation	50279	OVERDF	0	0		0	0	0	0
PA	Philadelphia Refinery	52106	1 (150137, 150138, 150139, 150140)			448				
PA	Philadelphia Refinery	52106	150137	49	35		35	0	0	0
PA	Philadelphia Refinery	52106	150138	83	2		2	0	0	0
PA	Philadelphia Refinery	52106	150139	105	3		3	0	0	0
PA	Philadelphia Refinery	52106	150140	127	5		5	0	0	0
PA	Philadelphia Refinery	52106	OVERDF	0	414		403	0	0	11
PA	Piney Creek Power Plant	54144	031	102	40	39	39	0	0	1
PA	Portland	3113	1	266	422	422	422	0	0	0
PA	Portland	3113	2	412	606	606	606	0	0	0
PA	Portland	3113	5	48	9	9	9	0	0	0
PA	Portland	3113	OVERDF	0	15		0	0	0	15
PA	Procter & Gamble Paper Products	50463	328001	199	134	131	131	0	0	3
PA	Richmond	3168	91	10	4	2	2	0	0	2
PA	Richmond	3168	92	9	2	1	1	0	0	1
PA	Richmond	3168	OVERDF	0	0		0	0	0	0
PA	Schuylkill	3169	1	84	81	40	40	0	0	41
PA	Schuylkill	3169	OVERDF	0	0		0	0	0	0
PA	Scrubgrass Generating Plant	50974	1	124	59	70	59	0	0	0
PA	Scrubgrass Generating Plant	50974	2	123	57	76	57	0	0	0
PA	Scrubgrass Generating Plant	50974	OVERDF	0	34		30	0	0	4
PA	Seward	3130	CS1 (1, 2)			200				
PA	Seward	3130	1	261	261		84	91	0	86
PA	Seward	3130	2	261	261		116	29	0	116
PA	Seward	3130	OVERDF	0	15		0	0	0	15
PA	Shawville	3131	1	295	524	524	524	0	0	0

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PA	Shawville	3131	2	294	573	573	573	0	0	0
PA	Shawville	3131	CS1 (3, 4)			1,502				
PA	Shawville	3131	3	380	707		707	0	0	0
PA	Shawville	3131	4	392	795		795	0	0	0
PA	Shawville	3131	OVERDF	0	20		0	0	0	20
PA	Shenango Incorporated	54532	6	59	29	0	0	0	0	29
PA	Shenango Incorporated	54532	9	11	0	0	0	0	0	0
PA	Shenango Incorporated	54532	OVERDF	0	0		0	0	0	0
PA	Shermans Dale Station	880050	31801	0	0	0	0	0	0	0
PA	St. Nicholas Cogeneration Project	54634	1	289	114	102	102	0	0	12
PA	Sunbury	3152	CS1 (1A, 1B)			223				
PA	Sunbury	3152	1A	134	153		153	0	0	0
PA	Sunbury	3152	1B	122	70		70	0	0	0
PA	Sunbury	3152	CS2 (2A, 2B)			291				
PA	Sunbury	3152	2A	130	143		143	0	0	0
PA	Sunbury	3152	2B	134	148		148	0	0	0
PA	Sunbury	3152	3	263	346	346	346	0	0	0
PA	Sunbury	3152	4	302	334	334	334	0	0	0
PA	Sunbury	3152	OVERDF	0	128		0	0	0	128
PA	Sunoco (R&M) - Marcus Hook	880020	088	0	31	23	23	0	0	8
PA	Sunoco (R&M) - Marcus Hook	880020	089	102	58	48	48	0	0	10
PA	Sunoco Chemicals Frankford Plant	880007	052	86	136	130	130	0	6	0
PA	Titus	3115	1	161	247	247	247	0	0	0
PA	Titus	3115	2	152	242	242	242	0	0	0
PA	Titus	3115	3	151	262	262	262	0	0	0
PA	Titus	3115	OVERDF	0	15		0	0	0	15
PA	Tolna	3116	031	3	13	13	13	0	0	0
PA	Tolna	3116	032	4	8	8	8	0	0	0
PA	Tolna	3116	OVERDF	0	4		0	0	0	4
PA	Trigen Energy - Schuylkill	50607	23	233	0	0	0	0	0	0
PA	Trigen Energy - Schuylkill	50607	24	234	24	24	24	0	0	0
PA	Trigen Energy - Schuylkill	50607	26	234	32	5	5	0	0	27
PA	Trigen Energy - Schuylkill	50607	OVERDF	0	0		0	0	0	0
PA	Trigen Energy Corporation-Edison St	880006	1	12	13	13	13	0	0	0
PA	Trigen Energy Corporation-Edison St	880006	2	10	11	11	11	0	0	0
PA	Trigen Energy Corporation-Edison St	880006	3	5	15	15	15	0	0	0
PA	Trigen Energy Corporation-Edison St	880006	4	6	14	14	14	0	0	0
PA	Trigen Energy Corporation-Edison St	880006	OVERDF	0	0		0	0	0	0
PA	US Steel (Clariton Coke)	50729	CLBLR1	191	90	99	90	0	0	0
PA	US Steel (Clariton Coke)	50729	CLBLR2	118	91	90	90	0	0	1
PA	US Steel (Clariton Coke)	50729	OVERDF	0	9		9	0	0	0
PA	US Steel (Edgar Thompson)	50732	ETBLR1	142	16	16	16	0	0	0
PA	US Steel (Edgar Thompson)	50732	ETBLR2	157	15	15	15	0	0	0

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PA	US Steel (Edgar Thompson)	50732	ETBLR3	151	17	16	16	0	0	1
PA	US Steel (Edgar Thompson)	50732	OVERDF	0	0	0	0	0	0	0
PA	Warren	3132	005	14	2	1	1	0	0	1
PA	Warren	3132	OVERDF	0	0	0	0	0	0	0
PA	Westwood	50611	031	98	139	93	93	0	0	46
PA	Wheelabrator - Frackville	50879	GEN1	161	100	99	99	0	0	1
PA	Willamette Industries	54638	CS1 (040, 041)			282				
PA	Willamette Industries	54638	040	90	141		141	0	0	0
PA	Willamette Industries	54638	041	89	142		141	0	0	1
PA	Willamette Industries	54638	OVERDF	0	1		0	0	0	1
PA	Williams Generation Co (Hazleton)	10870	OVERDF	0	0		0	0	0	0
PA	Williams Generation Co (Hazleton)	10870	TURB2	14	14	0	0	14	0	0
PA	Williams Generation Co (Hazleton)	10870	TURB3	14	14	1	1	13	0	0
PA	Williams Generation Co (Hazleton)	10870	TURB4	14	14	0	0	14	0	0
PA	Williams Generation Co (Hazleton)	10870	TURBIN	141	5	0	0	0	0	5
RI	Manchester Street	3236	10	87	26	25	25	0	0	1
RI	Manchester Street	3236	11	88	23	22	22	0	0	1
RI	Manchester Street	3236	9	87	22	21	21	0	0	1
RI	Manchester Street	3236	OVERDF	0	0		0	0	0	0
RI	Ocean State Power	51030	1	68	20	19	19	0	0	1
RI	Ocean State Power	51030	2	69	17	16	16	0	0	1
RI	Ocean State Power	51030	OVERDF	0	0		0	0	0	0
RI	Ocean State Power II	54324	3	69	16	16	16	0	0	0
RI	Ocean State Power II	54324	4	69	19	19	19	0	0	0
RI	Ocean State Power II	54324	OVERDF	0	0		0	0	0	0
RI	Pawtucket Power Associates, LP	54056	1	42	5	0	0	0	0	5
RI	Rhode Island State Energy Partners	55107	OVERDF	0	0		0	0	0	0
RI	Rhode Island State Energy Partners	55107	RISEP1	26	26	10	10	0	0	16
RI	Rhode Island State Energy Partners	55107	RISEP2	26	31	10	10	0	0	21
RI	Tiverton Power Associates	55048	1	46	19	19	19	0	0	0
SC	Bowater Incorporated	2440	001	78	32	25	25	0	0	7
SC	Broad River Energy Center	55166	CT-1	34	34	11	11	0	0	23
SC	Broad River Energy Center	55166	CT-2	34	34	11	11	0	0	23
SC	Broad River Energy Center	55166	CT-3	34	34	10	10	0	0	24
SC	Broad River Energy Center	55166	CT-4	34	34	9	9	0	0	25
SC	Broad River Energy Center	55166	CT-5	34	34	10	10	0	0	24
SC	Broad River Energy Center	55166	OVERDF	0	0		0	0	0	0
SC	Canadys Steam	3280	CAN1	298	798	647	647	0	0	151
SC	Canadys Steam	3280	CAN2	315	715	602	602	0	0	113
SC	Canadys Steam	3280	CAN3	444	1,144	980	980	0	0	164
SC	Canadys Steam	3280	OVERDF	0	0		0	0	0	0
SC	Celanese Acetate, Celriver	880073	006	163	0	0	0	0	0	0
SC	Cherokee County Cogen	55043	CCCP1	160	20	12	12	0	0	8

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SC	Cogen South	7737	B001	733	727	628	628	0	0	99
SC	Cogen South	7737	B002	5	5	6	5	0	0	0
SC	Cogen South	7737	B003	5	5	7	5	0	0	0
SC	Cogen South	7737	B004	5	5	6	5	0	0	0
SC	Cogen South	7737	OVERDF	0	6		4	0	0	2
SC	Columbia Energy Center (SC)	55386	B-1	7	8	5	5	0	0	3
SC	Columbia Energy Center (SC)	55386	B-2	7	8	4	4	0	0	4
SC	Columbia Energy Center (SC)	55386	B-3	12	12	5	5	0	0	7
SC	Columbia Energy Center (SC)	55386	CT-1	51	51	28	28	0	0	23
SC	Columbia Energy Center (SC)	55386	CT-2	52	52	32	32	0	0	20
SC	Columbia Energy Center (SC)	55386	OVERDF	0	0		0	0	0	0
SC	Cope Station	7210	COP1	2,245	2,045	1,561	1,561	0	0	484
SC	Cross	130	1	2,157	788	788	788	0	0	0
SC	Cross	130	2	2,421	451	451	451	0	0	0
SC	Cross	130	OVERDF	0	50		0	0	0	50
SC	Darlington County	3250	1	30	1	1	1	0	0	0
SC	Darlington County	3250	10	17	1	1	1	0	0	0
SC	Darlington County	3250	11	15	1	1	1	0	0	0
SC	Darlington County	3250	12	37	1	0	0	0	0	1
SC	Darlington County	3250	13	62	2	2	2	0	0	0
SC	Darlington County	3250	2	13	1	1	1	0	0	0
SC	Darlington County	3250	3	28	1	1	1	0	0	0
SC	Darlington County	3250	4	18	1	1	1	0	0	0
SC	Darlington County	3250	5	28	2	2	2	0	0	0
SC	Darlington County	3250	6	15	1	1	1	0	0	0
SC	Darlington County	3250	7	19	2	1	1	0	0	1
SC	Darlington County	3250	8	14	1	1	1	0	0	0
SC	Darlington County	3250	9	14	1	0	0	0	0	1
SC	Darlington County	3250	OVERDF	0	13		0	0	0	13
SC	Dolphus M Grainger	3317	1	209	500	500	500	0	0	0
SC	Dolphus M Grainger	3317	2	189	406	406	406	0	0	0
SC	Dolphus M Grainger	3317	OVERDF	0	30		0	0	0	30
SC	H B Robinson	3251	1	414	601	586	586	0	0	15
SC	Hagood	3285	HAG4	0	20	4	4	0	0	16
SC	Hagood	3285	OVERDF	0	0		0	0	0	0
SC	Hilton Head Gas Turbine Site	3318	CT1	2	2	1	1	0	0	1
SC	Hilton Head Gas Turbine Site	3318	CT2	2	2	1	1	0	0	1
SC	Hilton Head Gas Turbine Site	3318	CT3	8	2	1	1	0	0	1
SC	Hilton Head Gas Turbine Site	3318	OVERDF	0	6		0	0	0	6
SC	International Paper-Eastover Mill	52151	001	366	156	150	150	0	0	6
SC	INVISTA S.a.r.l. May Plant	880057	CS01 (03, 04)			156				
SC	INVISTA S.a.r.l. May Plant	880057	03	178	178		78	0	0	100
SC	INVISTA S.a.r.l. May Plant	880057	04	169	169		78	0	0	91

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SC	INVISTA S.a.r.l. May Plant	880057	OVERDF	0	0		0	0	0	0
SC	Jasper County Generating Facility	7996	CT01	43	43	15	15	0	0	28
SC	Jasper County Generating Facility	7996	CT02	42	42	18	18	0	0	24
SC	Jasper County Generating Facility	7996	CT03	43	43	15	15	0	0	28
SC	Jasper County Generating Facility	7996	OVERDF	0	0		0	0	0	0
SC	Jefferies	3319	1	43	11	11	11	0	0	0
SC	Jefferies	3319	2	46	12	12	12	0	0	0
SC	Jefferies	3319	3	351	669	669	669	0	0	0
SC	Jefferies	3319	4	408	865	865	865	0	0	0
SC	Jefferies	3319	OVERDF	0	30		0	0	0	30
SC	John S. Rainey Generating Station	7834	CT1A	38	38	17	17	0	0	21
SC	John S. Rainey Generating Station	7834	CT1B	39	39	33	33	0	0	6
SC	John S. Rainey Generating Station	7834	CT2A	38	38	11	11	0	0	27
SC	John S. Rainey Generating Station	7834	CT2B	39	39	10	10	0	0	29
SC	John S. Rainey Generating Station	7834	CT3	23	23	4	4	4	0	15
SC	John S. Rainey Generating Station	7834	CT4	24	24	2	2	13	0	9
SC	John S. Rainey Generating Station	7834	CT5	23	23	2	2	13	0	8
SC	John S. Rainey Generating Station	7834	OVERDF	0	0		0	0	0	0
SC	Marlboro Paper Mill	880074	15	22	22	9	9	0	0	13
SC	McMeekin	3287	MCM1	370	770	611	611	0	0	159
SC	McMeekin	3287	MCM2	346	746	598	598	0	0	148
SC	McMeekin	3287	OVERDF	0	0		0	0	0	0
SC	Mill Creek Combustion Turbine Sta	7981	1	16	16	0	0	15	0	1
SC	Mill Creek Combustion Turbine Sta	7981	2	17	17	0	0	16	0	1
SC	Mill Creek Combustion Turbine Sta	7981	3	16	16	0	0	14	0	2
SC	Mill Creek Combustion Turbine Sta	7981	4	17	17	0	0	15	0	2
SC	Mill Creek Combustion Turbine Sta	7981	5	16	16	0	0	15	0	1
SC	Mill Creek Combustion Turbine Sta	7981	6	17	17	0	0	15	0	2
SC	Mill Creek Combustion Turbine Sta	7981	7	16	16	0	0	15	0	1
SC	Mill Creek Combustion Turbine Sta	7981	8	16	16	0	0	15	0	1
SC	Mill Creek Combustion Turbine Sta	7981	OVERDF	0	0		0	0	0	0
SC	Myrtle Beach Gas Turbine Site	3320	CT3	2	2	2	2	0	0	0
SC	Myrtle Beach Gas Turbine Site	3320	CT4	2	2	2	2	0	0	0
SC	Myrtle Beach Gas Turbine Site	3320	CT5	4	4	3	3	0	0	1
SC	Myrtle Beach Gas Turbine Site	3320	OVERDF	0	2		0	0	0	2
SC	Sonoco Products Company	880078	B04	218	243	150	150	0	0	93
SC	Springs Industries - Grace Facility	880068	03	98	106	106	106	0	0	0
SC	Springs Industries - Grace Facility	880068	04	19	3	3	3	0	0	0
SC	Springs Industries - Grace Facility	880068	OVERDF	0	0		0	0	0	0
SC	Stone Container Corporation	50806	16	755	469	469	469	0	0	0
SC	Urquhart	3295	OVERDF	0	0		0	0	0	0
SC	Urquhart	3295	URQ3	352	552	372	372	0	0	180
SC	Urquhart	3295	URQ4	0	10	2	2	0	0	8

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SC	Urquhart	3295	URQ5	38	33	7	7	0	0	26
SC	Urquhart	3295	URQ6	39	34	10	10	0	0	24
SC	Voridian Columbia Operations	880066	01	92	0	0	0	0	0	0
SC	Voridian Columbia Operations	880066	CS-1 (02, 03)			0				
SC	Voridian Columbia Operations	880066	02	152	0		0	0	0	0
SC	Voridian Columbia Operations	880066	03	138	0		0	0	0	0
SC	Voridian Columbia Operations	880066	04	145	79	0	0	0	0	79
SC	Voridian Columbia Operations	880066	OVERDF	0	0		0	0	0	0
SC	W S Lee	3264	1	196	196	216	196	0	0	0
SC	W S Lee	3264	2	204	284	241	241	0	0	43
SC	W S Lee	3264	3	646	266	240	240	0	0	26
SC	W S Lee	3264	4C	4	4	14	4	0	0	0
SC	W S Lee	3264	5C	3	3	13	3	0	0	0
SC	W S Lee	3264	6C	4	4	78	4	0	0	0
SC	W S Lee	3264	OVERDF	0	300		114	0	0	186
SC	Wateree	3297	OVERDF	0	0		0	0	0	0
SC	Wateree	3297	WAT1	1,542	642	371	371	0	0	271
SC	Wateree	3297	WAT2	1,305	605	223	223	0	0	382
SC	Williams	3298	OVERDF	0	0		0	0	0	0
SC	Williams	3298	WIL1	1,853	1,053	811	811	0	0	242
SC	Williams	3298	WIL4	3	3	0	0	0	0	3
SC	Williams	3298	WIL5	4	4	0	0	0	0	4
SC	Winyah	6249	1	754	282	283	282	0	0	0
SC	Winyah	6249	2	1,089	277	277	277	0	0	0
SC	Winyah	6249	3	820	2,023	2,023	2,023	0	0	0
SC	Winyah	6249	4	855	2,320	2,320	2,320	0	0	0
SC	Winyah	6249	OVERDF	0	50		1	0	0	49
TN	A E Staley Manufacturing Co (TN)	880079	34	132	132	102	102	0	0	30
TN	A E Staley Manufacturing Co (TN)	880079	35	132	132	115	115	0	0	17
TN	A E Staley Manufacturing Co (TN)	880079	OVERDF	0	0		0	0	0	0
TN	Allen	3393	1	1,313	207	207	207	0	0	0
TN	Allen	3393	2	4,569	269	269	269	0	0	0
TN	Allen	3393	3	4,383	259	259	259	0	0	0
TN	Allen	3393	ACT17	18	0	0	0	0	0	0
TN	Allen	3393	ACT18	18	1	1	1	0	0	0
TN	Allen	3393	ACT19	18	1	1	1	0	0	0
TN	Allen	3393	ACT20	18	1	1	1	0	0	0
TN	Allen	3393	OVERDF	0	1,444		0	0	0	1,444
TN	Bowater Newsprint - Calhoun Operation	50956	11	228	101	98	98	0	0	3
TN	Bowater Newsprint - Calhoun Operation	50956	12	228	153	170	153	0	0	0
TN	Bowater Newsprint - Calhoun Operation	50956	OVERDF	0	17		17	0	0	0
TN	Brownsville Power I, LLC	55081	AA-001	60	60	1	1	59	0	0
TN	Brownsville Power I, LLC	55081	AA-002	60	60	1	1	59	0	0

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STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NO _x EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
TN	Brownsville Power I, LLC	55081	AA-003	64	64	1	1	63	0	0
TN	Brownsville Power I, LLC	55081	AA-004	64	64	1	1	63	0	0
TN	Brownsville Power I, LLC	55081	OVERDF	0	0		0	0	0	0
TN	Bull Run	3396	1	1,798	1,798	876	876	0	0	922
TN	Cargill Corn Milling	10729	8500	57	13	8	8	0	0	5
TN	Cumberland	3399	1	5,484	1,306	1,306	1,306	0	0	0
TN	Cumberland	3399	2	4,677	1,998	1,998	1,998	0	0	0
TN	Cumberland	3399	A	0	0	0	0	0	0	0
TN	Cumberland	3399	B	0	0	0	0	0	0	0
TN	Cumberland	3399	OVERDF	0	8,112		0	0	0	8,112
TN	DOE Oak Ridge Y-12	880055	31	58	0	38	0	0	0	0
TN	DOE Oak Ridge Y-12	880055	32	58	0	63	0	0	0	0
TN	DOE Oak Ridge Y-12	880055	33	58	0	0	0	0	0	0
TN	DOE Oak Ridge Y-12	880055	34	58	0	6	0	0	0	0
TN	DOE Oak Ridge Y-12	880055	OVERDF	0	232		107	0	0	125
TN	Dupont Old Hickory	10797	OP1	172	47	8	8	0	0	39
TN	Dupont Old Hickory	10797	OP3	195	70	28	28	0	0	42
TN	Dupont Old Hickory	10797	OVERDF	0	50		0	0	0	50
TN	Eastman Chemical Company	50481	253-25	469	429	286	286	0	0	143
TN	Eastman Chemical Company	50481	253-26	602	462	294	294	0	0	168
TN	Eastman Chemical Company	50481	253-27	617	527	349	349	0	0	178
TN	Eastman Chemical Company	50481	253-28	582	442	283	283	0	0	159
TN	Eastman Chemical Company	50481	253-29	416	346	269	269	0	0	77
TN	Eastman Chemical Company	50481	325-30	423	423	374	374	0	0	49
TN	Eastman Chemical Company	50481	325-31	416	323	172	172	0	0	151
TN	Eastman Chemical Company	50481	83-23	218	269	269	269	0	0	0
TN	Eastman Chemical Company	50481	83-24	171	193	193	193	0	0	0
TN	Eastman Chemical Company	50481	OVERDF	0	100		0	0	0	100
TN	Gallatin	3403	CSGA12 (1, 2)			1,354				
TN	Gallatin	3403	1	589	670		670	0	0	0
TN	Gallatin	3403	2	580	684		684	0	0	0
TN	Gallatin	3403	CSGA34 (3, 4)			1,703				
TN	Gallatin	3403	3	590	827		827	0	0	0
TN	Gallatin	3403	4	662	876		876	0	0	0
TN	Gallatin	3403	GCT1	7	0	0	0	0	0	0
TN	Gallatin	3403	GCT2	7	2	2	2	0	0	0
TN	Gallatin	3403	GCT3	7	1	1	1	0	0	0
TN	Gallatin	3403	GCT4	7	1	1	1	0	0	0
TN	Gallatin	3403	GCT5	18	0	0	0	0	0	0
TN	Gallatin	3403	GCT6	19	0	0	0	0	0	0
TN	Gallatin	3403	GCT7	19	1	1	0	1	0	0
TN	Gallatin	3403	GCT8	19	0	0	0	0	0	0
TN	Gallatin	3403	OVERDF	0	500		1	73	0	426

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TN	Gleason Generating Facility	55251	CTG-1	81	81	0	0	81	0	0
TN	Gleason Generating Facility	55251	CTG-2	81	81	0	0	81	0	0
TN	Gleason Generating Facility	55251	CTG-3	83	83	0	0	83	0	0
TN	Gleason Generating Facility	55251	OVERDF	0	3		0	0	0	3
TN	John Sevier	3405	CSJS12 (1, 2)			1,746				
TN	John Sevier	3405	1	495	848		848	0	0	0
TN	John Sevier	3405	2	495	898		898	0	0	0
TN	John Sevier	3405	CSJS34 (3, 4)			1,717				
TN	John Sevier	3405	3	522	843		843	0	0	0
TN	John Sevier	3405	4	517	874		874	0	0	0
TN	John Sevier	3405	OVERDF	0	519		0	0	0	519
TN	Johnsonville	3406	CSJO10 (1, 2, 3, 4, 5, 6, 7, 8, 9, 10)			6,536				
TN	Johnsonville	3406	1	315	680		680	0	0	0
TN	Johnsonville	3406	10	311	762		762	0	0	0
TN	Johnsonville	3406	2	317	695		695	0	0	0
TN	Johnsonville	3406	3	310	590		590	0	0	0
TN	Johnsonville	3406	4	311	617		617	0	0	0
TN	Johnsonville	3406	5	308	511		511	0	0	0
TN	Johnsonville	3406	6	314	550		550	0	0	0
TN	Johnsonville	3406	7	395	713		713	0	0	0
TN	Johnsonville	3406	8	349	774		774	0	0	0
TN	Johnsonville	3406	9	338	644		644	0	0	0
TN	Johnsonville	3406	JCT1	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT10	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT11	4	0	0	0	0	0	0
TN	Johnsonville	3406	JCT12	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT13	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT14	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT15	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT16	4	0	0	0	0	0	0
TN	Johnsonville	3406	JCT17	18	1	1	0	1	0	0
TN	Johnsonville	3406	JCT18	19	1	1	0	1	0	0
TN	Johnsonville	3406	JCT19	19	1	1	0	1	0	0
TN	Johnsonville	3406	JCT2	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT20	19	1	1	0	1	0	0
TN	Johnsonville	3406	JCT3	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT4	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT5	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT6	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT7	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT8	4	1	1	1	0	0	0
TN	Johnsonville	3406	JCT9	4	1	1	1	0	0	0
TN	Johnsonville	3406	OVERDF	0	530		4	67	0	459

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STATE	PLANT NAME	ORIS	STACK/UNIT ID*	YEAR 2004 ALLOWANCES ALLOCATED	ALLOWANCES HELD IN ACCOUNTS AS OF 11/30/2004 (INCLUDES 2003-2004)	2004 NOx EMISSIONS (TONS)	ALLOWANCES DEDUCTED FOR EMISSIONS	ALLOWANCES DEDUCTED FOR NEW UNIT TAKEBACK	2003 EARLY REDUCTION CREDIT ALLOWANCES TERMINATED	REMAINING ALLOWANCES (INCLUDES 2003-2004)
TN	Kingston	3407	CSKI15 (1, 2, 3, 4, 5)			1,274				
TN	Kingston	3407	1	374	259		259	0	0	0
TN	Kingston	3407	2	381	253		253	0	0	0
TN	Kingston	3407	3	342	253		253	0	0	0
TN	Kingston	3407	4	380	250		250	0	0	0
TN	Kingston	3407	5	519	259		259	0	0	0
TN	Kingston	3407	CSKI69 (6, 7, 8, 9)			1,873				
TN	Kingston	3407	6	494	453		453	0	0	0
TN	Kingston	3407	7	480	477		477	0	0	0
TN	Kingston	3407	8	490	456		456	0	0	0
TN	Kingston	3407	9	481	487		487	0	0	0
TN	Kingston	3407	OVERDF	0	1,110		0	0	0	1,110
TN	Lagoon Creek	7845	LCT1	0	1	1	1	0	0	0
TN	Lagoon Creek	7845	LCT10	0	0	0	0	0	0	0
TN	Lagoon Creek	7845	LCT11	0	0	0	0	0	0	0
TN	Lagoon Creek	7845	LCT12	0	0	0	0	0	0	0
TN	Lagoon Creek	7845	LCT2	0	0	0	0	0	0	0
TN	Lagoon Creek	7845	LCT3	0	1	1	1	0	0	0
TN	Lagoon Creek	7845	LCT4	0	0	0	0	0	0	0
TN	Lagoon Creek	7845	LCT5	0	1	1	1	0	0	0
TN	Lagoon Creek	7845	LCT6	0	1	1	1	0	0	0
TN	Lagoon Creek	7845	LCT7	0	0	0	0	0	0	0
TN	Lagoon Creek	7845	LCT8	0	0	0	0	0	0	0
TN	Lagoon Creek	7845	LCT9	0	1	1	1	0	0	0
TN	Lagoon Creek	7845	OVERDF	0	20		0	0	0	20
TN	Liberty Fibers Corporation	10321	8	170	138	138	138	0	0	0
TN	Liberty Fibers Corporation	10321	9	117	113	113	113	0	0	0
TN	Liberty Fibers Corporation	10321	OVERDF	0	36		0	0	0	36
TN	Packaging Corporation of America	50296	017	85	35	14	14	0	0	21
TN	Weyerhaeuser Co, Kingsport Paper Mill	10252	09	593	0	0	0	0	0	0
VA	Altavista Power Station	10773	CS0 (1, 2)			215				
VA	Altavista Power Station	10773	1	22	129		107	0	0	22
VA	Altavista Power Station	10773	2	23	131		108	0	0	23
VA	Altavista Power Station	10773	OVERDF	0	0		0	0	0	0
VA	Bellemeade Power Station	50966	1	102	102	8	8	0	0	94
VA	Bellemeade Power Station	50966	2	96	96	7	7	0	0	89
VA	Bellemeade Power Station	50966	OVERDF	0	0		0	0	0	0
VA	Birchwood Power Facility	54304	001	340	262	262	262	0	0	0
VA	Bremo Power Station	3796	3	138	506	436	436	0	0	70
VA	Bremo Power Station	3796	4	348	899	551	551	0	0	348
VA	Bremo Power Station	3796	OVERDF	0	0		0	0	0	0
VA	Buchanan -- Units 1 and 2	55738	1	0	1	1	1	0	0	0
VA	Buchanan -- Units 1 and 2	55738	2	0	1	1	1	0	0	0

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VA	Buchanan -- Units 1 and 2	55738	OVERDF	0	3		0	0	0	3
VA	Celanese Acetate LLC	52089	BLR007	154	72	118	72	0	0	0
VA	Celanese Acetate LLC	52089	BLR008	55	5	3	3	0	0	2
VA	Celanese Acetate LLC	52089	OVERDF	0	46		46	0	0	0
VA	Chesapeake Energy Center	3803	1	272	648	376	376	0	0	272
VA	Chesapeake Energy Center	3803	2	288	748	460	460	0	0	288
VA	Chesapeake Energy Center	3803	3	323	323	87	87	0	0	236
VA	Chesapeake Energy Center	3803	4	518	518	160	160	0	0	358
VA	Chesapeake Energy Center	3803	OVERDF	5,504	0		0	0	0	0
VA	Chesterfield Power Station	3797	**8A	272	272	93	93	0	0	179
VA	Chesterfield Power Station	3797	3	234	764	530	530	0	0	234
VA	Chesterfield Power Station	3797	4	364	364	106	106	0	0	258
VA	Chesterfield Power Station	3797	5	696	696	176	176	0	0	520
VA	Chesterfield Power Station	3797	6	1,177	1,177	387	387	0	0	790
VA	Chesterfield Power Station	3797	7	310	310	138	138	0	0	172
VA	Chesterfield Power Station	3797	OVERDF	0	0		0	0	0	0
VA	Clinch River	3775	CS012 (1, 2)			1,293				
VA	Clinch River	3775	1	479	1,133		635	0	0	498
VA	Clinch River	3775	2	455	677		658	0	0	19
VA	Clinch River	3775	3	507	707	651	651	0	0	56
VA	Clinch River	3775	OVERDF	0	0		0	0	0	0
VA	Clover Power Station	7213	1	1,031	2,459	1,428	1,428	0	0	1,031
VA	Clover Power Station	7213	2	1,074	2,650	1,576	1,576	0	0	1,074
VA	Clover Power Station	7213	OVERDF	0	0		0	0	0	0
VA	Cogentrix of Richmond	54081	CS001 (BLR01A, BLR01B)			289				
VA	Cogentrix of Richmond	54081	BLR01A	282	294		289	0	0	5
VA	Cogentrix of Richmond	54081	BLR01B	0	0		0	0	0	0
VA	Cogentrix of Richmond	54081	CS002 (BLR02A, BLR02B)			300				
VA	Cogentrix of Richmond	54081	BLR02A	208	333		300	0	0	33
VA	Cogentrix of Richmond	54081	BLR02B	0	0		0	0	0	0
VA	Cogentrix of Richmond	54081	CS003 (BLR03A, BLR03B)			282				
VA	Cogentrix of Richmond	54081	BLR03A	0	0		0	0	0	0
VA	Cogentrix of Richmond	54081	BLR03B	0	0		0	0	0	0
VA	Cogentrix of Richmond	54081	CS004 (BLR04A, BLR04B)			331				
VA	Cogentrix of Richmond	54081	BLR04A	0	75		75	0	0	0
VA	Cogentrix of Richmond	54081	BLR04B	0	0		0	0	0	0
VA	Cogentrix of Richmond	54081	OVERDF	0	538		538	0	0	0
VA	Cogentrix-Hopewell	10377	CS001 (BLR01A, BLR01B, BLR01C)			273				
VA	Cogentrix-Hopewell	10377	BLR01A	286	286		273	0	0	13
VA	Cogentrix-Hopewell	10377	BLR01B	0	0		0	0	0	0
VA	Cogentrix-Hopewell	10377	BLR01C	0	0		0	0	0	0
VA	Cogentrix-Hopewell	10377	CS002 (BLR02A, BLR02B, BLR02C)			266				
VA	Cogentrix-Hopewell	10377	BLR02A	0	273		266	0	0	7

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VA	Cogentrix-Hopewell	10377	BLR02B	0	0		0	0	0	0
VA	Cogentrix-Hopewell	10377	BLR02C	0	0		0	0	0	0
VA	Cogentrix-Hopewell	10377	OVERDF	0	0		0	0	0	0
VA	Cogentrix-Portsmouth	10071	CS001 (BLR01A, BLR01B, BLR01C)			220				
VA	Cogentrix-Portsmouth	10071	BLR01A	311	235		220	0	0	15
VA	Cogentrix-Portsmouth	10071	BLR01B	0	0		0	0	0	0
VA	Cogentrix-Portsmouth	10071	BLR01C	0	0		0	0	0	0
VA	Cogentrix-Portsmouth	10071	CS002 BLR02A, BLR02B, BLR02C)			219				
VA	Cogentrix-Portsmouth	10071	BLR02A	0	143		143	0	0	0
VA	Cogentrix-Portsmouth	10071	BLR02B	0	0		0	0	0	0
VA	Cogentrix-Portsmouth	10071	BLR02C	0	0		0	0	0	0
VA	Cogentrix-Portsmouth	10071	OVERDF	0	76		76	0	0	0
VA	Commonwealth Chesapeake	55381	CT-001	0	8	7	7	0	0	1
VA	Commonwealth Chesapeake	55381	CT-002	0	9	8	8	0	0	1
VA	Commonwealth Chesapeake	55381	CT-003	0	11	11	11	0	0	0
VA	Commonwealth Chesapeake	55381	CT-004	0	3	2	2	0	0	1
VA	Commonwealth Chesapeake	55381	CT-005	0	3	2	2	0	0	1
VA	Commonwealth Chesapeake	55381	CT-006	0	3	2	2	0	0	1
VA	Commonwealth Chesapeake	55381	CT-007	0	4	4	4	0	0	0
VA	Commonwealth Chesapeake	55381	OVERDF	0	29		0	0	0	29
VA	Dan River Inc - Schoolfield Complex	50954	17	100	100	90	90	0	0	10
VA	Darbytown Combustion Turbine	7212	1	29	29	2	2	0	0	27
VA	Darbytown Combustion Turbine	7212	2	28	28	2	2	0	0	26
VA	Darbytown Combustion Turbine	7212	3	29	29	2	2	0	0	27
VA	Darbytown Combustion Turbine	7212	4	28	28	2	2	0	0	26
VA	Darbytown Combustion Turbine	7212	OVERDF	0	0		0	0	0	0
VA	Doswell Limited Partnership	52019	501	140	24	20	20	0	0	4
VA	Doswell Limited Partnership	52019	502	154	25	23	23	0	0	2
VA	Doswell Limited Partnership	52019	601	159	15	13	13	0	0	2
VA	Doswell Limited Partnership	52019	602	154	22	19	19	0	0	3
VA	Doswell Limited Partnership	52019	CT1	0	8	7	7	0	0	1
VA	Doswell Limited Partnership	52019	OVERDF	0	5		0	0	0	5
VA	Elizabeth River Combustion Turbine Sta	52087	CT-1	151	144	3	3	0	0	141
VA	Elizabeth River Combustion Turbine Sta	52087	CT-2	0	0	3	0	0	0	0
VA	Elizabeth River Combustion Turbine Sta	52087	CT-3	0	0	4	0	0	0	0
VA	Elizabeth River Combustion Turbine Sta	52087	OVERDF	0	7		7	0	0	0
VA	Georgia-Pacific Big Island Op	50479	4	89	0	49	0	0	0	0
VA	Georgia-Pacific Big Island Op	50479	6	103	0	6	0	0	0	0
VA	Georgia-Pacific Big Island Op	50479	OVERDF	0	62		55	0	0	7
VA	Glen Lyn	3776	51	88	222	129	129	0	0	93
VA	Glen Lyn	3776	52	104	252	143	143	0	0	109
VA	Glen Lyn	3776	6	467	561	379	379	0	0	182
VA	Glen Lyn	3776	OVERDF	0	0		0	0	0	0

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VA	Gordonsville Power Station	54844	1	70	70	14	14	0	0	56
VA	Gordonsville Power Station	54844	2	65	65	13	13	0	0	52
VA	Gordonsville Power Station	54844	OVERDF	0	0		0	0	0	0
VA	Gravel Neck Combustion Turbine	7032	3	24	24	1	1	0	0	23
VA	Gravel Neck Combustion Turbine	7032	4	22	22	1	1	0	0	21
VA	Gravel Neck Combustion Turbine	7032	5	16	16	1	1	0	0	15
VA	Gravel Neck Combustion Turbine	7032	6	20	20	1	1	0	0	19
VA	Gravel Neck Combustion Turbine	7032	OVERDF	0	0		0	0	0	0
VA	Honeywell Intl, Inc Hopewell Plant	50232	10A	0	0	0	0	0	0	0
VA	Honeywell Intl, Inc Hopewell Plant	50232	10B	200	0	0	0	0	0	0
VA	Honeywell Intl, Inc Hopewell Plant	50232	10C	156	356	139	139	0	0	217
VA	Honeywell Intl, Inc Hopewell Plant	50232	OVERDF	0	0		0	0	0	0
VA	Hopewell Cogeneration Facility	10633	1	69	69	39	39	0	0	30
VA	Hopewell Cogeneration Facility	10633	2	66	66	29	29	0	0	37
VA	Hopewell Cogeneration Facility	10633	3	65	65	27	27	0	0	38
VA	Hopewell Cogeneration Facility	10633	OVERDF	0	0		0	0	0	0
VA	Hopewell Power Station	10771	CS0 (1, 2)			0				
VA	Hopewell Power Station	10771	1	22	10		0	0	0	10
VA	Hopewell Power Station	10771	2	22	16		0	0	0	16
VA	Hopewell Power Station	10771	OVERDF	0	0		0	0	0	0
VA	International Paper-Franklin Mill	52152	003	306	199	190	190	0	0	9
VA	International Paper-Franklin Mill	52152	029	262	25	21	21	0	0	4
VA	International Paper-Franklin Mill	52152	OVERDF	0	0		0	0	0	0
VA	Ladysmith Combustion Turbine Sta	7838	1	0	1	1	1	0	0	0
VA	Ladysmith Combustion Turbine Sta	7838	2	0	1	1	1	0	0	0
VA	Ladysmith Combustion Turbine Sta	7838	OVERDF	0	2		0	0	0	2
VA	Louisa Generation Facility	7837	EU1	0	2	2	2	0	0	0
VA	Louisa Generation Facility	7837	EU2	0	2	2	2	0	0	0
VA	Louisa Generation Facility	7837	EU3	0	1	1	1	0	0	0
VA	Louisa Generation Facility	7837	EU4	0	1	1	1	0	0	0
VA	Louisa Generation Facility	7837	EU5	0	10	10	10	0	0	0
VA	Louisa Generation Facility	7837	OVERDF	0	5		0	0	0	5
VA	Marsh Run Generation Facility	7836	EU1	0	7	7	7	0	0	0
VA	Marsh Run Generation Facility	7836	EU2	0	9	9	9	0	0	0
VA	Marsh Run Generation Facility	7836	EU3	0	7	7	7	0	0	0
VA	Marsh Run Generation Facility	7836	OVERDF	0	6		0	0	0	6
VA	MeadWestvaco of Virginia, Covington	50900	CS001 001, 002, 003, 004)			903				
VA	MeadWestvaco of Virginia, Covington	50900	001	293	233		232	0	0	1
VA	MeadWestvaco of Virginia, Covington	50900	002	158	126		125	0	0	1
VA	MeadWestvaco of Virginia, Covington	50900	003	243	189		188	0	0	1
VA	MeadWestvaco of Virginia, Covington	50900	004	429	360		358	0	0	2
VA	MeadWestvaco of Virginia, Covington	50900	005	87	13	12	12	0	0	1
VA	MeadWestvaco of Virginia, Covington	50900	011	70	7	6	6	0	0	1

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VA	MeadWestvaco of Virginia, Covington	50900	OVERDF	0	32		0	0	0	32
VA	Mecklenburg Power Station	52007	1	221	371	253	253	0	0	118
VA	Mecklenburg Power Station	52007	2	0	245	245	245	0	0	0
VA	Mecklenburg Power Station	52007	OVERDF	0	6		0	0	0	6
VA	Possum Point Power Station	3804	3	202	202	0	0	0	0	202
VA	Possum Point Power Station	3804	4	472	472	0	0	0	0	472
VA	Possum Point Power Station	3804	5	371	803	432	432	0	0	371
VA	Possum Point Power Station	3804	6A	0	26	26	26	0	0	0
VA	Possum Point Power Station	3804	6B	0	24	24	24	0	0	0
VA	Possum Point Power Station	3804	OVERDF	0	6		0	0	0	6
VA	Potomac River	3788	1	194	282	214	214	0	0	68
VA	Potomac River	3788	2	154	285	237	237	0	0	48
VA	Potomac River	3788	3	236	320	264	264	0	0	56
VA	Potomac River	3788	4	232	433	356	356	0	0	77
VA	Potomac River	3788	5	203	317	277	277	0	0	40
VA	Potomac River	3788	OVERDF	0	75		0	0	0	75
VA	Remington Combustion Turbine Station	7839	1	0	1	1	1	0	0	0
VA	Remington Combustion Turbine Station	7839	2	0	2	2	2	0	0	0
VA	Remington Combustion Turbine Station	7839	3	0	2	2	2	0	0	0
VA	Remington Combustion Turbine Station	7839	4	0	3	3	3	0	0	0
VA	Remington Combustion Turbine Station	7839	OVERDF	0	4		0	0	0	4
VA	Smurfit-Stone Container Enterprises, Inc	10017	002	292	242	240	240	0	0	2
VA	Southampton Power Station	10774	CS0 (1, 2)			217				
VA	Southampton Power Station	10774	1	25	169		144	0	0	25
VA	Southampton Power Station	10774	2	33	106		73	0	0	33
VA	Southampton Power Station	10774	OVERDF	0	0		0	0	0	0
VA	Tasley	3785	TA10	9	9	3	3	0	0	6
VA	Tenaska Virginia Generating Station	55439	CTGDB1	0	8	5	5	0	0	3
VA	Tenaska Virginia Generating Station	55439	CTGDB2	0	8	6	6	0	0	2
VA	Tenaska Virginia Generating Station	55439	CTGDB3	0	9	6	6	0	0	3
VA	Tenaska Virginia Generating Station	55439	OVERDF	0	0		0	0	0	0
VA	Wolf Hills Energy	55285	OVERDF	0	0		0	0	0	0
VA	Wolf Hills Energy	55285	WH01	0	0	0	0	0	0	0
VA	Wolf Hills Energy	55285	WH02	0	0	0	0	0	0	0
VA	Wolf Hills Energy	55285	WH03	0	0	0	0	0	0	0
VA	Wolf Hills Energy	55285	WH04	0	0	0	0	0	0	0
VA	Wolf Hills Energy	55285	WH05	0	0	0	0	0	0	0
VA	Wolf Hills Energy	55285	WH06	0	0	0	0	0	0	0
VA	Wolf Hills Energy	55285	WH07	0	0	0	0	0	0	0
VA	Wolf Hills Energy	55285	WH08	0	0	0	0	0	0	0
VA	Wolf Hills Energy	55285	WH09	0	0	0	0	0	0	0
VA	Wolf Hills Energy	55285	WH10	0	0	0	0	0	0	0
VA	Yorktown Power Station	3809	CS0 (1, 2)			911				

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VA	Yorktown Power Station	3809	1	338	563		463	0	0	100
VA	Yorktown Power Station	3809	2	366	516		448	0	0	68
VA	Yorktown Power Station	3809	3	1,032	1,411	1,309	1,309	0	0	102
VA	Yorktown Power Station	3809	OVERDF	0	0		0	0	0	0
WV	Albright Power Station	3942	1	84	41	41	41	0	0	0
WV	Albright Power Station	3942	2	83	45	45	45	0	0	0
WV	Albright Power Station	3942	3	245	155	155	155	0	0	0
WV	Albright Power Station	3942	OVERDF	0	24		0	0	0	24
WV	Bayer Cropscience Institute Plant	880053	CS1 (070, 080, 090)			316				
WV	Bayer Cropscience Institute Plant	880053	070	115	115		115	0	0	0
WV	Bayer Cropscience Institute Plant	880053	080	104	104		104	0	0	0
WV	Bayer Cropscience Institute Plant	880053	090	107	107		97	0	0	10
WV	Bayer Cropscience Institute Plant	880053	OVERDF	0	0		0	0	0	0
WV	Big Sandy Peaker Plant	55284	GS01	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	GS02	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	GS03	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	GS04	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	GS05	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	GS06	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	GS07	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	GS08	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	GS09	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	GS10	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	GS11	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	GS12	20	20	0	0	20	0	0
WV	Big Sandy Peaker Plant	55284	OVERDF	0	0		0	0	0	0
WV	Ceredo Electric Generating Station	55276	01	34	34	0	0	34	0	0
WV	Ceredo Electric Generating Station	55276	02	34	34	0	0	34	0	0
WV	Ceredo Electric Generating Station	55276	03	34	34	0	0	34	0	0
WV	Ceredo Electric Generating Station	55276	04	34	34	0	0	34	0	0
WV	Ceredo Electric Generating Station	55276	05	34	34	0	0	34	0	0
WV	Ceredo Electric Generating Station	55276	06	34	34	0	0	34	0	0
WV	Ceredo Electric Generating Station	55276	OVERDF	0	0		0	0	0	0
WV	Dupont Belle Plant	10788	612	55	55	20	20	0	0	35
WV	Elkem Metals Company - Alloy LP	50012	BLR4	0	168	167	167	0	0	1
WV	Fort Martin Power Station	3943	1	971	2,011	2,011	2,011	0	0	0
WV	Fort Martin Power Station	3943	2	957	1,422	1,422	1,422	0	0	0
WV	Fort Martin Power Station	3943	OVERDF	0	343		0	0	0	343
WV	Grant Town Power Plant	10151	CS1 (1A, 1B0)			267				
WV	Grant Town Power Plant	10151	1A	113	134		134	0	0	0
WV	Grant Town Power Plant	10151	1B	113	134		133	0	0	1
WV	Grant Town Power Plant	10151	OVERDF	0	4		0	0	0	4
WV	Harrison Power Station	3944	XS123 (1, 2, 3)			1,717				

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WV	Harrison Power Station	3944	1	3,094	564		554	0	0	10
WV	Harrison Power Station	3944	2	2,140	572		536	0	0	36
WV	Harrison Power Station	3944	3	1,881	580		580	0	0	0
WV	Harrison Power Station	3944	OVERDF	0	172		47	0	0	125
WV	ISG Weirton, Inc.	54344	089	3	0	10	0	0	0	0
WV	ISG Weirton, Inc.	54344	090	111	0	14	0	0	0	0
WV	ISG Weirton, Inc.	54344	091	256	0	35	0	0	0	0
WV	ISG Weirton, Inc.	54344	CS408 (092, 093)			43				
WV	ISG Weirton, Inc.	54344	092	211	0		0	0	0	0
WV	ISG Weirton, Inc.	54344	093	204	0		0	0	0	0
WV	ISG Weirton, Inc.	54344	OVERDF	0	346		102	0	0	244
WV	John E Amos	3935	CS012 (1, 2)			3,970				
WV	John E Amos	3935	1	1,201	2,090		2,028	0	0	62
WV	John E Amos	3935	2	1,268	3,265		1,942	0	0	1,323
WV	John E Amos	3935	3	5,446	2,861	1,090	1,090	0	0	1,771
WV	John E Amos	3935	AUX1	0	2	0	0	0	0	2
WV	John E Amos	3935	AUX3	0	2	0	0	0	0	2
WV	John E Amos	3935	OVERDF	0	0		0	0	0	0
WV	Kammer	3947	CS013 (1, 2, 3)			2,101				
WV	Kammer	3947	1	383	1,186		779	0	0	407
WV	Kammer	3947	2	400	953		537	0	0	416
WV	Kammer	3947	3	428	1,238		785	0	0	453
WV	Kammer	3947	OVERDF	0	0		0	0	0	0
WV	Kanawha River	3936	CS012 (1, 2)			834				
WV	Kanawha River	3936	1	322	772		437	0	0	335
WV	Kanawha River	3936	2	310	719		397	0	0	322
WV	Kanawha River	3936	OVERDF	0	0		0	0	0	0
WV	Mitchell (WV)	3948	CS012 (1, 2)			6,377				
WV	Mitchell (WV)	3948	1	1,233	4,171		3,198	0	0	973
WV	Mitchell (WV)	3948	2	1,141	4,315		3,179	0	0	1,136
WV	Mitchell (WV)	3948	AUX1	0	4	3	3	0	0	1
WV	Mitchell (WV)	3948	OVERDF	0	0		0	0	0	0
WV	Morgantown Energy Facility	10743	CS1 (CFB1, CFB2)			300				
WV	Morgantown Energy Facility	10743	CFB1	77	157		149	0	0	8
WV	Morgantown Energy Facility	10743	CFB2	77	158		151	0	0	7
WV	Morgantown Energy Facility	10743	OVERDF	0	0		0	0	0	0
WV	Mount Storm Power Station	3954	CS0 (1, 2)			957				
WV	Mount Storm Power Station	3954	1	2,093	1,036		460	0	0	576
WV	Mount Storm Power Station	3954	2	2,335	1,079		497	0	0	582
WV	Mount Storm Power Station	3954	3	1,184	1,184	532	532	0	0	652
WV	Mount Storm Power Station	3954	OVERDF	0	0		0	0	0	0
WV	Mountaineer (1301)	6264	1	7,796	2,740	853	853	0	0	1,887
WV	Mountaineer (1301)	6264	AUX1	0	2	0	0	0	0	2

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WV	Mountaineer (1301)	6264	AUX2	0	2	0	0	0	0	2
WV	Mountaineer (1301)	6264	OVERDF	0	0		0	0	0	0
WV	North Branch Power Station	7537	CS1 (1A, 1B)			495				
WV	North Branch Power Station	7537	1A	99	341		242	0	0	99
WV	North Branch Power Station	7537	1B	97	350		253	0	0	97
WV	North Branch Power Station	7537	OVERDF	0	0		0	0	0	0
WV	Phil Sporn	3938	CS014 (11, 21, 31, 41)			1,443				
WV	Phil Sporn	3938	11	229	409		397	0	0	12
WV	Phil Sporn	3938	21	229	582		342	0	0	240
WV	Phil Sporn	3938	31	246	350		339	0	0	11
WV	Phil Sporn	3938	41	239	616		365	0	0	251
WV	Phil Sporn	3938	51	678	1,722	1,017	1,017	0	0	705
WV	Phil Sporn	3938	OVERDF	0	0		0	0	0	0
WV	Pleasants Energy, LLC	55349	1	119	1	3	1	0	0	0
WV	Pleasants Energy, LLC	55349	2	119	0	2	0	0	0	0
WV	Pleasants Energy, LLC	55349	OVERDF	0	238		4	233	0	1
WV	Pleasants Power Station	6004	1	2,235	301	300	300	0	0	1
WV	Pleasants Power Station	6004	2	2,250	268	268	268	0	0	0
WV	Pleasants Power Station	6004	OVERDF	0	60		0	0	0	60
WV	PPG Industries, Inc - Natrium Plant	50491	001	198	198	201	198	0	0	0
WV	PPG Industries, Inc - Natrium Plant	50491	002	463	113	112	112	0	0	1
WV	PPG Industries, Inc - Natrium Plant	50491	003	424	405	405	405	0	0	0
WV	PPG Industries, Inc - Natrium Plant	50491	OVERDF	0	19		3	0	0	16
WV	Rivesville Power Station	3945	7	40	8	8	8	0	0	0
WV	Rivesville Power Station	3945	8	120	37	37	37	0	0	0
WV	Rivesville Power Station	3945	OVERDF	0	4		0	0	0	4
WV	UCC South Charleston Plant	880026	B25	93	93	136	93	0	0	0
WV	UCC South Charleston Plant	880026	B26	45	3	3	3	0	0	0
WV	UCC South Charleston Plant	880026	B27	109	107	13	13	79	0	15
WV	UCC South Charleston Plant	880026	OVERDF	0	44		43	0	0	1
WV	Willow Island Power Station	3946	1	109	49	48	48	0	0	1
WV	Willow Island Power Station	3946	2	279	290	290	290	0	0	0
WV	Willow Island Power Station	3946	OVERDF	0	34		0	0	0	34
¹ Milford Power Project units CT01 and CT02 had 27 year 2005 allowances deducted as a penalty for being 9 allowances short of covering its emissions.										
[*] 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).										



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