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Office of Air Quality
Planning and Standards
Research Triangle Park, NC 27711

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July 1995

Air

1990 OTC NO_x BASELINE EMISSION INVENTORY



1990 OTC NO_X BASELINE EMISSION INVENTORY

Office Of Air Quality Planning And Standards
Office Of Air And Radiation
U. S. Environmental Protection Agency
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This report has been reviewed by the Office Of Air Quality Planning And Standards, U. S. Environmental Protection Agency, and has been approved for publication. Any mention of trade names or commercial products is not intended to constitute endorsement or recommendation for use.

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Connecticut: Joe Belanger, Nancy Pitblado
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The OTC Stationary/Area Source Committee was tasked with the development of this baseline inventory. Jim Hambright of the Mid-Atlantic Regional Air Management Administration (MARAMA) chairs this committee, which is comprised of State air quality personnel. Bruce Carhart and David Foerter of the OTC also contributed to development of this inventory. Industry contribution to the inventory development was made through participation in the Baseline Review Group, as well as through cooperation with individual States.

Contributors at EPA include David Mobley and Roy Huntley of the Emission Factors and Inventory Group, Barry Gilbert of the Ozone Policy and Strategies Group, and Chet Wayland of the Air Quality Monitoring Group. Robert Wagoner of Pacific Environmental Services assisted in conversion of the AIRS and PC inventory data. Contributors from E.H. Pechan & Associates, Inc. include Erica Laich, Gregory Stella, Susy Rothschild, and Patty Carlson.

GLOSSARY

Baseline - the baseline inventory includes the actual 1990 emissions of all fossil fuel-fired boilers and indirect heat exchangers of 250 MMBtu/hr and greater plus electric generating sources (e.g., turbines, IC engines, and boilers) of 15 MW (approximately 150 MMBtu/hr) and above. The capacity of the source, not the generator, is used to determine whether or not a source is included in the baseline.

Affected - affected sources include all fossil fuel-fired boilers and indirect heat exchangers of 250 MMBtu/hr or greater. Affected, for the purposes of the MOU, means that the source is subject to reductions, according to the zone in which it is located, for the purposes of establishing emission targets. All other sources in the baseline may be referred to as nonaffected.

Target Emissions - the level of emissions for each source that complies with the emission reductions established in the MOU. The target level of emissions can be summed to the facility, State, or zone level. The target emissions will be summed to the State or OTR level to aid in establishing the emission budget.

Budget - the budget includes applying the limits (percentage reduction or emission limit) established in the MOU to the affected sources (at the boiler or point level). Added to this are the actual or RACT (whichever is lower) emissions from the other sources in the baseline. Also included in the establishment of the budget are any considerations for exceptional circumstances. The Phase II budget also includes an additional 10,000 ton reserve.

Allocation - the amount of the budget apportioned to an individual State, plant, or source. Allocation to individual States is under the jurisdiction of the OTR. The procedure for determining allocations has not yet been determined.

Default OTC Baseline Inventory - the default OTC baseline inventory is based on EPA's Interim 1990 Emission inventory. The default baseline was to be used in the event that the State inventory was not acceptable to the OTC and EPA by the March 1, 1995 deadline.

Initial OTC State Baseline Inventory - the initial State inventory submittals that were made by the States to EPA in December of 1994. The Initial OTC State Baseline Inventory is dated December 29, 1994 and is available on the CHIEF Bulletin Board.

Revised OTC State Baseline Inventory - any changes to the Initial OTC State Baseline Inventory are referred to as the Revised OTC State Baseline Inventory. The majority of the changes were generally made in January.

Final OTC State Baseline Inventory - the inventory as approved by the OTC on June 13, 1995 is designated as the Final OTC State Baseline Inventory.

Exceptional Circumstance - any source claiming exceptional circumstances must show that operations in 1990 varied significantly from normal operations. States considered claims of exceptional circumstance on a case-by-case basis. The OTC made final decisions on approval of exceptional circumstance.

New Source - a source that began operation after the 1990 5-month ozone season.

10,000 Ton Reserve - tonnage allocated to States that applies only to the 1997-2003 period (Phase II).

Adjusted Baseline - total of affected, nonaffected, exceptional circumstances, and 10,000 ton reserve.

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CHAPTER I INTRODUCTION

The States of the OTC signed a Memorandum of Understanding (MOU) on September 27, 1994 concerning the development of a regional strategy for the control of NO_x emissions from stationary sources. As part of this process, the OTC Stationary/Area Source Committee developed a proposed regional NO_x strategy that required NO_x reductions beyond reasonably available control technology (RACT) in two phases. Phase II (initial reductions beyond RACT) would require reductions by May 1, 1999. Phase III would require further reduction by May 1, 2003. Work is proceeding on the development of an implementation mechanism that will likely include a NO_x budget and tradeable allowances.

The objective of this effort was to compile and quality assure a data base of NO_x emissions from fossil fuel-fired boilers and indirect heat exchanges greater than or equal to 250 million British thermal units per hour (MMBtu/hr) capacity and electric generating units greater than or equal to 15 megawatts (MW) in the Northeast Ozone Transport Region (OTR). Emissions for the period May 1 through September 30, 1990 (referred to as the 5-month summer season) were compiled and will be used as a basis for emission reduction targeting and trading. A procedures document was developed in December of 1994 that described the process for completing the inventory including quality assurance, calculation of 5-month emissions, selection of emission factors, and determining exceptional circumstances (a separate data base of exceptional circumstances was developed to cover atypical operations in 1990).

Figure I-1 shows the schedule for completion of this inventory including both the target dates and the actual date completed. The schedule was closely adhered to and the baseline was approved at the February 28, 1995 OTC meeting with the condition that further quality assurance checks would be completed by June 1. Exceptional circumstances, to cover atypical operations in 1990, were also approved. In addition, the OTC approved a further 10,000 ton reserve for Phase II targeting purposes.

This document presents summaries and detailed reports of the Final OTC NO_x Baseline Inventory. The inventory was approved by the OTC at the June 13 meeting. Chapter II presents a summary of the OTC NO_x Baseline Inventory. Chapter III summarizes Phase II and III target levels of emissions resulting from application of the MOU limits.

Figure I-1
Development of OTC NO_x Emission Data Base

	Target Date	
1.	11/04/94	The Approach to the OTC NO _x Data Base was approved by the OTC Stationary/Area Source Committee on 4 November 1994.
2.	11/18/94	Initial inventory data was downloaded from AIRS/AFS for CT, DC, DE, MA, MD, NH, RI, VA, and VT. ME provided in SAMS/STEPS format, NY provided in SAMS format, NJ and PA provided in State system format. All States available to EPA by 18 November 1994.
3.	11/18/94	The default data base was submitted to the States at the 17 November 1994 Stationary/Area Source Committee Meeting and was available through the CHIEF Bulletin Board on 21 November 1994.
4.	12/02/94	The Initial State OTC NO _x Baseline was compiled and submitted to the States for review on 1 December 1994.
5.	12/02/94	The Draft Procedures document was submitted to the States and Baseline Review Group on 22 November 1994. A second draft was submitted on 2 December 1994 and discussed at the 7 December 1994 Stationary/Area Source Committee meeting. Document approved on 15 December 1994 and placed on the CHIEF Bulletin Board.
6.	12/02/94 - 01/15/95	States submitted changes throughout this period and continuing through 16 February 1995. This involved constant interaction between the States, EPA, and Pechan. Q/A reports were transferred back to States to ensure revisions were correctly implemented.
7.	01/06/95	Sources interacted with States throughout development/revision to the baseline.
8.	12/07/94 - 01/15/95	Inventories for 11 States (all States except MD and NJ) were quality assured by the States, approved for release, and publicly available on 6 December 1994 in hardcopy form and subsequently in electronic form (through the CHIEF Bulletin Board). The Initial State OTC NO _x Baseline Inventory, including all States, was available on CHIEF on 29 December 1994.
9.	01/15/95	States submitted revisions through 16 February 1995. Updated inventories for CT, DE, DC, NH, RI, VT, and MD were available 27 January 1995. Updated inventories for all States except PA and NJ were available 6 February 1995. Updated inventories for all States available through CHIEF on 9 February 1995.
10.	02/01/95	The Revised OTC Baseline Inventory was completed on 16 February 1995 and approved at the February 28 OTC meeting with the condition that additional quality assurance checks would be conducted.
11.	02/01/95 - 03/01/95	Q/A continued through June 1, 1995. All changes from the February 16 versions were tracked and subject to OTC approval. The baseline was approved at the June 13 OTC meeting.

CHAPTER II

BASELINE EMISSION INVENTORY

The baseline emission inventory represents actual 1990 emissions for the 5-month season. Annual emissions are also included in the inventory (annual and ozone season daily emissions did not undergo rigorous quality assurance and ozone season daily were not provided by all States).

Baseline emissions are designated as affected or nonaffected depending on the source type and size. Affected include all fossil fuel-fired boilers and indirect heat exchanges with capacity greater than or equal to 250 MMBtu/hr. Nonaffected are fossil fuel-fired electric generating units greater than or equal to 15 MW, but below 250 MMBtu/hr. Tables II-1 through II-6 present State and zone/State summaries for all baseline sources, affected sources, and nonaffected sources, respectively.

NO_x emissions from these sources were targeted for further control because they contribute significantly to overall emissions. Figure II-1 shows the relative contributions to annual emissions by sector for the OTR. Emissions for other sectors were taken from the Interim 1990 Inventory (Version 4). Figure II-2 shows the relative contributions by State. Figure II-3 shows the same by zone and State. NO_x emissions for all sectors are summarized in Tables II-7 and II-8 by State and zone/State, respectively.

Table II-1
State Summary of Baseline Sources
(Final OTC NOx Baseline Inventory)

State	Number of:			Annual	Annual Heat	5-Month	5-Month Heat	5-Month
	Plants	Units	SCCs	NOx (tons)	Input (10x6Btu)	NOx (tons)	Input (10x6Btu)	NOx Rate (lbs/10x6Btu)
Connecticut	21	59	84	26,201	145,044,487	11,203	61,284,609	0.366
Delaware	9	26	49	29,496	96,855,010	13,180	43,893,578	0.601
District of Columbia	4	12	18	1,123	8,622,798	576	4,315,427	0.267
Maine	18	45	51	10,443	54,088,610	4,419	22,524,735	0.392
Maryland	16	60	88	120,108	297,221,746	54,990	139,601,865	0.788
Massachusetts	27	80	141	97,865	327,316,770	40,367	139,045,355	0.581
New Hampshire	3	7	13	36,423	57,157,004	12,946	21,688,403	1.194
New Jersey	35	243	381	107,862	222,873,917	44,360	97,648,670	0.909
New York	53	152	241	197,288	901,664,563	84,484	394,796,337	0.428
Pennsylvania	69	206	328	480,036	1,232,673,622	199,639	519,522,699	0.769
Rhode Island	2	5	10	1,941	7,598,820	1,099	4,161,143	0.528
Vermont	1	1	1	42	721,560	30	521,640	0.115
Virginia	2	16	26	11,890	43,029,710	5,799	22,067,343	0.526
Ozone Transport Region	260	912	1,431	1,120,717	3,394,868,617	473,092	1,471,071,804	0.643

This table summarizes heat input, emissions, and average emission rates for all baseline sources.

Table II-2
State Summary of Affected Sources
(Final OTC NOx Baseline Inventory)

State	Number of:			Annual NOx (tons)	Annual Heat Input (10x6Btu)	5-Month NOx (tons)	5-Month Heat Input (10x6Btu)	5-Month NOx Rate (lbs/10x6Btu)
	Plants	Units	SCCs					
Connecticut	12	33	54	25,468	137,692,382	10,839	57,606,443	0.376
Delaware	5	16	35	29,019	92,730,359	12,934	41,725,589	0.620
District of Columbia	3	10	16	965	8,136,486	497	4,072,023	0.244
Maine	17	44	50	10,398	53,888,060	4,412	22,493,250	0.392
Maryland	12	30	57	119,269	293,366,860	54,375	136,782,484	0.795
Massachusetts	14	36	75	95,104	309,626,615	39,070	130,828,554	0.597
New Hampshire	3	7	13	36,423	57,157,004	12,946	21,688,403	1.194
New Jersey	19	53	101	102,443	187,475,873	41,523	80,042,472	1.038
New York	41	86	151	192,171	880,366,938	82,271	385,666,289	0.427
Pennsylvania	56	156	276	479,052	1,228,881,907	199,137	517,755,429	0.769
Rhode Island	2	5	10	1,941	7,598,820	1,099	4,161,143	0.528
Vermont	1	1	1	42	721,560	30	521,640	0.115
Virginia	2	10	20	11,852	42,921,070	5,765	21,969,665	0.525
Ozone Transport Region	187	487	859	1,104,145	3,300,563,934	464,897	1,425,313,384	0.652

This table summarizes heat input, emissions, and average emission rates for affected sources.

Table II-3
State Summary of Nonaffected Sources
(Final OTC NOx Baseline Inventory)

State	Number of:				Annual NOx (tons)	Annual Heat Input (10x6Btu)	5-Month NOx (tons)	5-Month Heat Input (10x6Btu)	5-Month NOx Rate (lbs/10x6Btu)
	Plants	Units	SCCs						
Connecticut	14	26	30		733	7,352,105	364	3,678,166	0.198
Delaware	7	10	14		477	4,124,651	246	2,167,989	0.227
District of Columbia	1	2	2		158	486,312	79	243,404	0.650
Maine	1	1	1		45	200,550	7	31,485	0.449
Maryland	9	30	31		839	3,854,886	616	2,819,381	0.437
Massachusetts	21	44	66		2,761	17,690,155	1,297	8,216,801	0.316
New Jersey	28	191	280		5,419	35,398,044	2,836	17,606,198	0.322
New York	24	66	90		5,117	21,297,625	2,214	9,130,048	0.485
Pennsylvania	21	50	52		984	3,791,715	503	1,767,270	0.569
Virginia	1	6	6		38	108,640	34	97,678	0.698
Ozone Transport Region	127	426	572		16,571	94,304,683	8,195	45,758,420	0.358

⑥ This table summarizes heat input, emissions, and average emission rates for nonaffected sources.

Table II-4
Zone/State Summary of Baseline Sources
(Final OTC NOx Baseline Inventory)

State	Number of:			Annual NOx (tons)	Annual Heat Input (10x6Btu)	5-Month NOx (tons)	5-Month Heat Input (10x6Btu)	5-Month NOx Rate (lbs/10x6Btu)
	Plants	Units	SCCs					
Inner Zone								
Connecticut	21	59	84	26,201	145,044,487	11,203	61,284,609	0.366
Delaware	8	22	41	12,927	57,017,631	6,017	26,673,862	0.451
District of Columbia	4	12	18	1,123	8,622,798	576	4,315,427	0.267
Maryland	13	53	79	111,592	279,436,332	50,924	131,038,110	0.777
Massachusetts	27	80	141	97,865	327,316,770	40,367	139,045,355	0.581
New Hampshire	3	7	13	36,423	57,157,004	12,946	21,688,403	1.194
New Jersey	35	243	381	107,862	222,873,917	44,360	97,648,670	0.909
New York	30	108	163	97,304	566,037,458	42,716	253,049,312	0.338
Pennsylvania	18	61	98	18,525	91,454,368	8,621	40,861,491	0.422
Rhode Island	2	5	10	1,941	7,598,820	1,099	4,161,143	0.528
Virginia	2	16	26	11,890	43,029,710	5,799	22,067,343	0.526
Total	163	666	1,054	523,652	1,805,589,295	224,626	801,833,725	0.560
Outer Zone								
Delaware	1	4	8	16,570	39,837,379	7,163	17,219,716	0.832
Maryland	3	7	9	8,515	17,785,414	4,067	8,563,755	0.950
New York	22	43	77	99,301	331,933,025	41,482	140,195,511	0.592
Pennsylvania	51	145	230	461,511	1,141,219,254	191,018	478,661,208	0.798
Total	77	199	324	585,897	1,530,775,072	243,730	644,640,190	0.756
Northern Zone								
Maine	18	45	51	10,443	54,088,610	4,419	22,524,735	0.392
New York	1	1	1	683	3,694,080	287	1,551,514	0.370
Vermont	1	1	1	42	721,560	30	521,640	0.115
Total	20	47	53	11,168	58,504,250	4,736	24,597,889	0.385
Ozone Transport Region	260	912	1431	1,120,717	3,394,868,617	473,092	1,471,071,804	0.643

This table summarizes heat input, emissions, and average emission rates for all baseline sources.

Table II-5
Zone/State Summary of Affected Sources
(Final OTC NOx Baseline Inventory)

State	Number of:			Annual NOx (tons)	Annual Heat Input (10x6Btu)	5-Month NOx (tons)	5-Month Heat Input (10x6Btu)	5-Month NOx Rate (lbs/10x6Btu)
	Plants	Units	SCCs					
Inner Zone								
Connecticut	12	33	54	25,468	137,692,382	10,839	57,806,443	0.376
Delaware	4	12	27	12,449	52,892,980	5,771	24,505,873	0.471
District of Columbia	3	10	16	965	8,136,486	497	4,072,023	0.244
Maryland	9	24	49	110,755	275,585,645	50,308	128,220,429	0.785
Massachusetts	14	36	75	95,104	309,626,615	39,070	130,828,554	0.597
New Hampshire	3	7	13	36,423	57,157,004	12,946	21,688,403	1.194
New Jersey	19	53	101	102,443	187,475,873	41,523	80,042,472	1.038
New York	20	48	84	93,955	551,769,892	41,256	246,840,257	0.334
Pennsylvania	15	38	73	17,932	89,615,003	8,289	39,846,302	0.416
Rhode Island	2	5	10	1,941	7,598,820	1,099	4,161,143	0.528
Virginia	2	10	20	11,852	42,921,070	5,765	21,969,665	0.525
Total	103	276	522	509,286	1,720,471,770	217,364	759,781,564	0.572
Outer Zone								
Delaware	1	4	8	16,570	39,837,379	7,163	17,219,716	0.832
Maryland	3	6	8	8,514	17,781,215	4,066	8,562,055	0.950
New York	20	37	66	97,533	324,902,966	40,728	137,274,518	0.593
Pennsylvania	41	118	203	461,120	1,139,266,904	190,847	477,909,127	0.799
Total	65	165	285	583,736	1,521,788,464	242,804	640,965,416	0.758
Northern Zone								
Maine	17	44	50	10,398	53,888,060	4,412	22,493,250	0.392
New York	1	1	1	683	3,694,080	287	1,551,514	0.370
Vermont	1	1	1	42	721,560	30	521,640	0.115
Total	19	46	52	11,123	58,303,700	4,729	24,566,404	0.385
Ozone Transport Region	187	487	859	1,104,145	3,300,563,934	464,897	1,425,313,384	0.652

This table summarizes heat input, emissions, and average emission rates for affected sources.

Table II-6
Zone/State Summary of Nonaffected Sources
(Final OTC NOx Baseline Inventory)

State	Number of:			Annual NOx (tons)	Annual Heat Input (10x6Btu)	5-Month NOx (tons)	5-Month Heat Input (10x6Btu)	5-Month NOx Rate (lbs/10x6Btu)
Inner Zone								
Connecticut	14	26	30	733	7,352,105	364	3,678,166	0.198
Delaware	7	10	14	477	4,124,651	246	2,167,989	0.227
District of Columbia	1	2	2	158	486,312	79	243,404	0.650
Maryland	8	29	30	838	3,850,687	615	2,817,681	0.437
Massachusetts	21	44	66	2,761	17,690,155	1,297	8,216,801	0.316
New Jersey	28	191	280	5,419	35,398,044	2,836	17,606,198	0.322
New York	19	60	79	3,348	14,267,566	1,459	6,209,055	0.470
Pennsylvania	7	23	25	593	1,839,365	332	1,015,189	0.654
Virginia	1	6	6	38	108,640	34	97,678	0.698
Total	106	391	532	14,365	85,117,525	7,263	42,052,161	0.345
Outer Zone								
Maryland	1	1	1	1	4,199	0	1,700	0.520
New York	5	6	11	1,769	7,030,059	754	2,920,993	0.516
Pennsylvania	14	27	27	392	1,952,350	171	752,081	0.454
Total	20	34	39	2,161	8,986,608	925	3,674,774	0.504
Northern Zone								
Maine	1	1	1	45	200,550	7	31,485	0.449
Total	1	1	1	45	200,550	7	31,485	0.449
Ozone Transport Region	127	426	572	16,571	94,304,683	8,195	45,758,420	0.358

This table summarizes heat input, emissions, and average emission rates for nonaffected sources.

Figure II-1
1990 Ozone Transport Region Annual NOx Emissions by Sector
(tons per year)

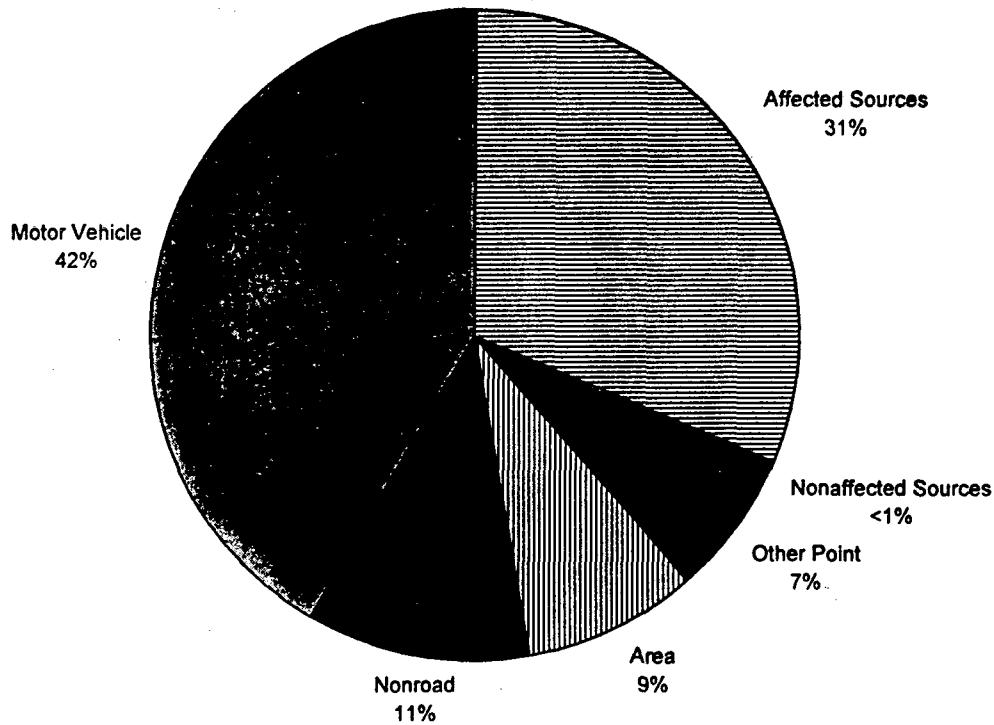
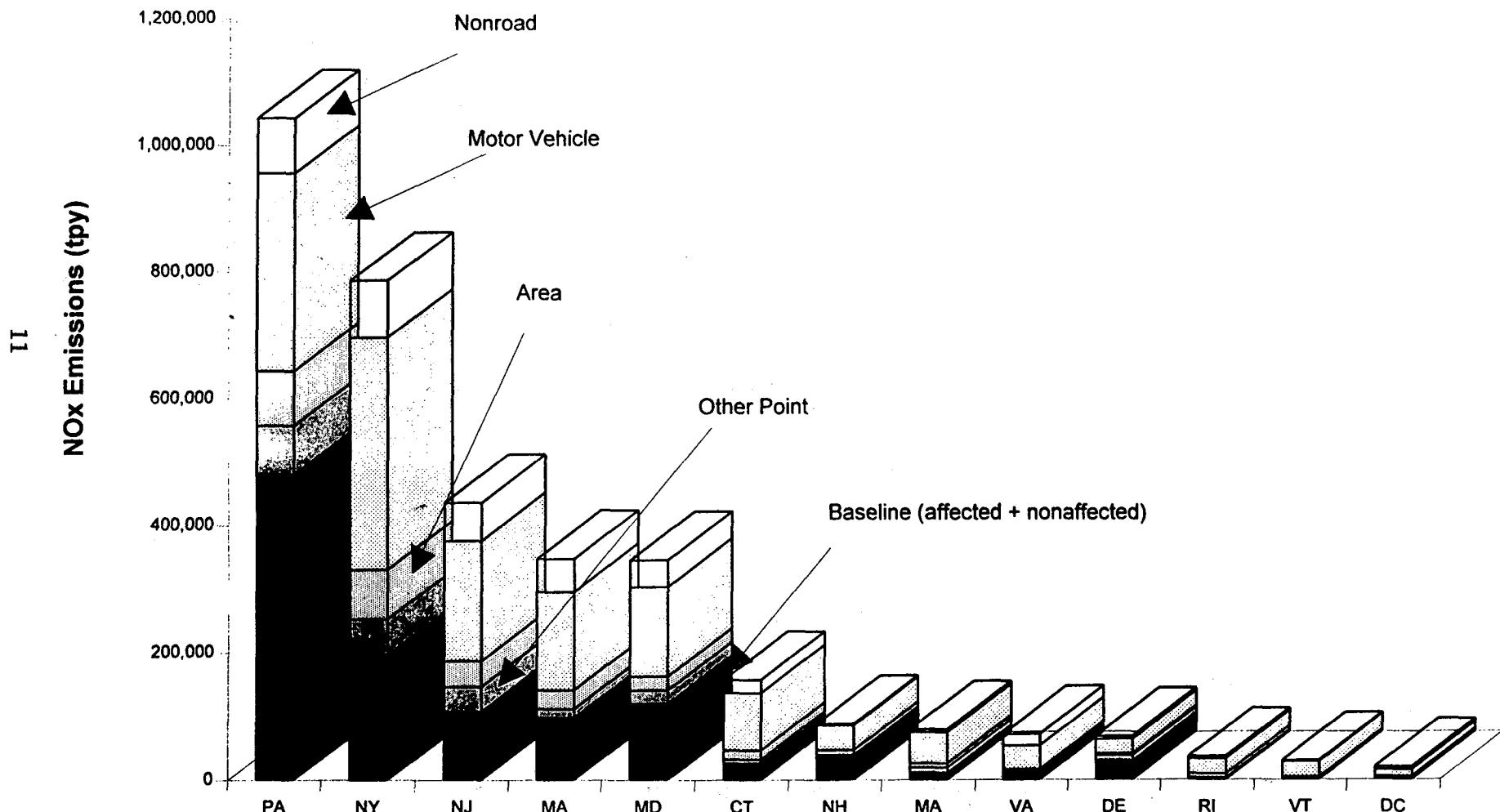


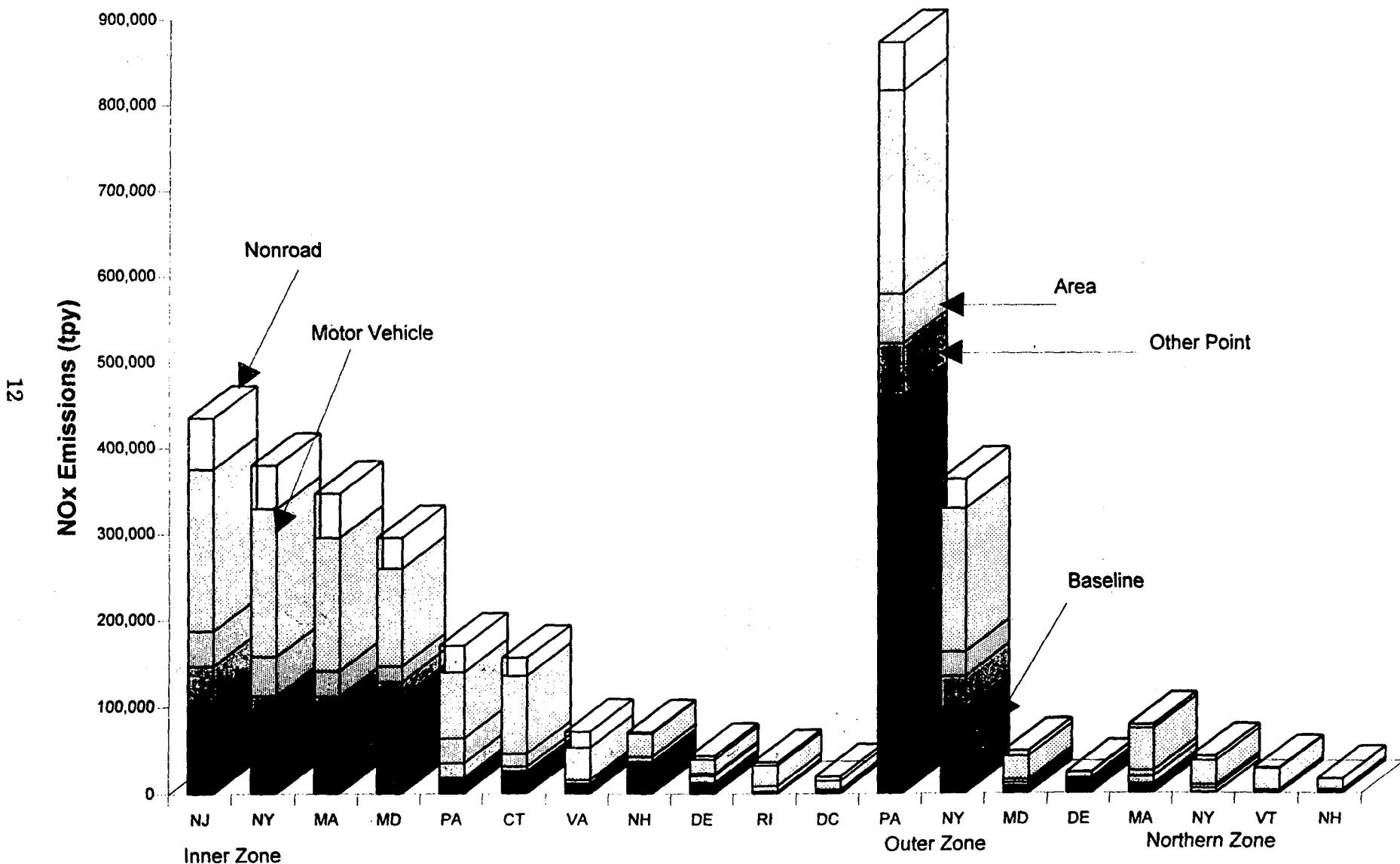
Figure II-2
1990 NOx Emissions by State



Emissions for baseline sources are taken from the Final OTC NOx Baseline Inventory.

Emissions from all other sources are from the Interim 1990 Inventory (version 4).

Figure II-3
1990 NOx Emissions by Zone and State



Emissions for baseline sources are taken from the Final OTC NOx Baseline Inventory.

Table II-7
Annual NOx Emissions by State (tons)

State	Affected Sources	Nonaffected Sources	Other	Motor Vehicle	TOTAL
Connecticut	25,468	733	5,545	14,717	20,648
Delaware	29,019	477	8,447	2,805	4,845
District of Columbia	965	158	722	2,756	4,775
Maine	10,398	45	8,739	6,760	4,393
Maryland	119,269	839	21,010	21,674	41,608
Massachusetts	95,104	2,761	14,256	29,319	51,712
New Hampshire	36,423	0	2,412	8,093	1,834
New Jersey	102,443	5,419	39,015	40,664	59,605
New York	192,171	5,117	56,206	77,278	89,720
Pennsylvania	479,052	984	77,121	86,108	86,748
Rhode Island	1,941	0	893	6,130	3,577
Vermont	42	0	520	3,084	1,284
Virginia	11,852	38	465	3,852	18,367
Ozone Transport Region	1,104,145	16,571	235,352	303,240	389,117
					1,457,820
					3,506,245

Emissions for affected and nonaffected baseline sources are taken from the Final OTC NOx Baseline Inventory.
Emissions from all other sources are from the 1990 Interim Inventory (version 4).

Table II-8
Annual NOx Emissions by Zone and State (tons)

State	Affected Sources	Nonaffected Sources	Other Point	Area	Nonroad	Motor Vehicle	TOTAL
Inner Zone							
Connecticut	25,468	733	5,545	14,717	20,648	90,051	157,163
Delaware	12,449	477	7,959	2,392	4,108	16,622	44,007
District of Columbia	965	158	722	2,756	4,775	10,291	19,667
Maryland	110,755	838	17,317	18,096	35,647	113,182	295,834
Massachusetts	95,104	2,761	14,256	29,319	51,712	154,288	347,440
New Hampshire	36,423	0	874	5,649	1,364	26,815	71,125
New Jersey	102,443	5,419	39,015	40,664	59,605	187,910	435,056
New York	93,955	3,348	15,399	45,246	50,454	171,607	380,009
Pennsylvania	17,932	593	16,934	28,738	30,673	76,143	171,013
Rhode Island	1,941	0	893	6,130	3,577	23,785	36,326
Virginia	11,852	38	465	3,852	18,367	37,425	71,999
Total	509,286	14,365	119,379	197,559	280,931	908,119	2,029,640
Outer Zone							
Delaware	16,570	0	488	413	737	6,158	24,365
Maryland	8,514	1	3,693	3,578	5,960	27,247	48,994
New York	97,533	1,769	36,052	28,081	34,096	166,060	363,591
Pennsylvania	461,120	392	60,187	57,370	56,075	236,467	871,610
Total	583,736	2,161	100,420	89,442	96,869	435,932	1,308,559
Northern Zone							
Maine	10,398	45	8,739	6,760	4,393	48,812	79,147
New Hampshire	0	0	1,538	2,444	470	12,359	16,810
New York	683	0	4,756	3,951	5,171	28,186	42,746
Vermont	42	0	520	3,084	1,284	24,412	29,343
Total	11,123	45	15,553	16,239	11,317	113,769	168,046
Ozone Transport Region	1,104,145	16,571	235,352	303,240	389,117	1,457,820	3,506,245

Emissions for affected and nonaffected baseline sources are taken from the Final OTC NOx Baseline Inventory.
Emissions from all other sources are from the 1990 Interim Inventory (version 4).

CHAPTER III

PHASE II AND III EMISSION BUDGET

The MOU recognizes the need to go beyond RACT-level controls in the Northeast to achieve levels of ozone in compliance with the National Ambient Air Quality Standards. The MOU establishes emission limits by zone for affected sources in two phases as follows:

Phase II

Inner Zone: less stringent of 65 percent or 0.2 lbs/MMBtu

Outer Zone: less stringent of 55 percent or 0.2 lbs/MMBtu

Northern Zone: RACT

Phase III

Inner Zone: less stringent of 75 percent or 0.15 lbs/MMBtu

Outer Zone: less stringent of 75 percent or 0.15 lbs/MMBtu

Northern Zone: less stringent of 55 percent or 0.2 lbs/MMBtu

For this analysis, if actual 1990 emissions or RACT emissions (defined here as 1990 operating levels combined with RACT emission rate limits) are lower than the Phase II or III limits, then these values become the Phase II or III target. The target level of emissions is established for each boiler (or unit) and is then summed to the plant, zone/State, State, or OTR level. The final procedure for determining emission targets has not yet been determined by the OTC and may differ from the procedure used in this analysis.

Tables III-1 and III-2 show the target level of emissions by State and zone/State, respectively, for affected sources. As shown in Table II-2, the Phase II target for States in the inner zone may fall below the less stringent of the 75 percent/0.15 due to plants or boilers where the 1990 or RACT emissions are already below the 75 percent/0.15 Phase II limit.

The overall budget takes the following into account (in addition to the affected sources):

Nonaffected Sources: 1990 or RACT emissions (whichever is lower).

Exceptional Circumstances: These are additional tonnage allocations based on atypical operation at specific facilities or boilers. The Phase II and III targets are estimated by applying the percentage reduction requirement for the applicable zone to the exceptional circumstance allocation.

10,000 Ton Reserve: This is an additional reserve for the purpose of the Phase II budget only. The reserve for each State (which is subject to approval by the OTC) is allocated to zones in this analysis according to the distribution of 1990 emissions (except for Maryland and Pennsylvania where the reserve was allocated based on specific facilities). The Phase II target is estimated by applying the percentage reduction requirement based on the zone. A 40 percent reduction is used in the Northern Zone to approximate RACT.

Again, the final procedure for determining the emission budget will be determined by the OTC and may differ from the procedure used in this analysis.

Table III-3 shows the Phase II and III target baselines and budgets. Tables III-4 and III-5 summarize the Phase II and Phase III budget calculations, respectively.

Figure III-1 shows the breakdown of the reductions achieved from affected sources (i.e., does not include exceptional circumstances or 10,000 ton reserve) due to RACT, Phase II, and Phase III. Emissions under each phase (including 1990 baseline and RACT) are shown in Figures III-2 and III-3 by State and zone/State, respectively, for affected sources only.

Lastly, Figure III-4 compares the 1990 baseline with the total Phase II and Phase III budgets, accounting for exceptional circumstances and the 10,000 ton reserve.

The target level and budget calculations are preliminary and subject to change as RACT levels and policy decisions are finalized.

Target Report - May-September Emissions

Phase II and III Target Level by State

State Level Emissions Data

State	Design Capacity (10x6 Btu/hr)	Heat Input (10x6 Btu)	NOx Emissions (Tons/May-Sept.)							Less Stringent of			Phase II	Phase III
			5-Month	55%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15		
Connecticut	37,326	57,606,443	10,839	4,877	3,794	2,710	5,761	4,321	7,307	6,409	5,960	4,449	5,473	4,204
Delaware	21,546	41,725,589	12,934	5,820	4,527	3,234	4,173	3,129	8,396	6,097	5,033	3,662	5,543	3,623
Washington DC	8,170	4,072,023	497	223	174	124	407	305	453	407	407	305	400	304
Maine	29,777	22,493,250	4,412	1,985	1,544	1,103	2,249	1,687	3,155	2,456	2,370	1,767	3,155	2,454
Maryland	65,755	136,782,484	54,375	24,469	19,031	13,594	13,678	10,259	38,881	25,350	20,636	14,907	21,013	14,907
Massachusetts	62,360	130,828,554	39,070	17,582	13,675	9,768	13,083	9,812	19,416	19,165	16,124	11,805	15,855	11,805
New Hampshire	11,068	21,688,403	12,946	5,826	4,531	3,237	2,169	1,627	8,047	5,827	4,591	3,319	4,591	3,319
New Jersey	59,821	80,042,472	41,523	18,685	14,533	10,381	8,004	6,003	17,318	19,119	15,284	10,998	13,561	10,699
New York	182,555	385,666,289	82,271	37,022	28,795	20,568	38,567	28,925	60,145	45,226	41,361	30,744	44,107	30,642
Pennsylvania	238,271	517,755,429	199,137	89,611	69,698	49,784	51,776	38,832	125,771	92,069	72,828	52,281	90,352	51,646
Rhode Island	2,978	4,161,143	1,099	495	385	275	416	312	421	495	416	312	416	312
Vermont	842	521,640	30	14	11	8	52	39	30	52	52	39	30	30
Virginia	18,250	21,969,665	5,765	2,594	2,018	1,441	2,197	1,648	3,876	2,755	2,270	1,668	2,270	1,668
OTR Total	738,719	1,425,313,384	464,897	209,204	162,714	116,224	142,531	106,898	293,218	225,427	187,332	136,256	206,767	135,613

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The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.

RAFT (preliminary information provided by the States) is included in the Phase II and III calculations.

The Phase II and III budgets also incorporate nonaffected sources, exceptional circumstances, and the 10,000 ton reserve.

Target Report - May-September Emissions
Zone-State Level Emissions Data
Table III-2
Phase II and III Target Level by Zone/State

State	Design Capacity (10x6 Btu/hr)	Heat Input (10x6 Btu)	NOx Emissions (Tons/May-Sept.)							Less Stringent of			Phase II	Phase III
			5-Month	55%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15		
Inner Zone														
Connecticut	37,326	57,606,443	10,839	4,877	3,794	2,710	5,761	4,321	7,307	6,409	5,960	4,449	5,473	4,204
Delaware	12,451	24,505,873	5,771	2,597	2,020	1,443	2,451	1,838	4,165	2,874	2,526	1,871	2,392	1,833
Washington DC	8,170	4,072,023	497	223	174	124	407	305	453	407	407	305	400	304
Maryland	60,822	128,220,429	50,308	22,639	17,608	12,577	12,822	9,617	35,133	23,502	19,165	13,850	19,165	13,850
Massachusetts	62,360	130,828,554	39,070	17,582	13,675	9,768	13,083	9,812	19,416	19,165	16,124	11,805	15,855	11,805
New Hampshire	11,068	21,688,403	12,946	5,826	4,531	3,237	2,169	1,627	8,047	5,827	4,591	3,319	4,591	3,319
New Jersey	59,821	80,042,472	41,523	18,685	14,533	10,381	8,004	6,003	17,318	19,119	15,284	10,998	13,561	10,699
New York	128,621	246,840,257	41,256	18,565	14,440	10,314	24,684	18,513	31,186	25,711	25,074	18,748	24,689	18,608
Pennsylvania	33,527	39,848,302	8,289	3,730	2,901	2,072	3,985	2,988	5,978	4,608	4,140	3,075	3,810	2,895
Rhode Island	2,978	4,161,143	1,099	495	385	275	416	312	421	495	416	312	416	312
Virginia	18,250	21,969,665	5,765	2,594	2,018	1,441	2,197	1,648	3,876	2,755	2,270	1,668	2,270	1,668
Northern Zone														
Maine	29,777	22,493,250	4,412	1,985	1,544	1,103	2,249	1,687	3,155	2,456	2,370	1,767	3,155	2,454
New York	522	1,551,514	287	129	100	72	155	116	194	155	155	116	194	155
Vermont	842	521,640	30	14	11	8	52	39	30	52	52	39	30	30
Outer Zone														
Delaware	9,095	17,219,716	7,163	3,223	2,507	1,791	1,722	1,291	4,231	3,223	2,507	1,791	3,151	1,791
Maryland	4,933	8,562,055	4,066	1,830	1,423	1,017	856	642	3,748	1,848	1,472	1,057	1,848	1,057
New York	53,412	137,274,518	40,728	18,327	14,255	10,182	13,727	10,296	28,765	19,361	16,132	11,879	19,223	11,879
Pennsylvania	204,744	477,909,127	190,847	85,881	66,797	47,712	47,791	35,843	119,793	87,461	68,687	49,207	86,542	48,750
OTR Total	738,719	1,425,313,384	464,897	209,204	162,714	116,224	142,531	106,898	293,218	225,427	187,332	136,256	206,767	135,613

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.

RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The Phase II and III budgets also incorporate nonaffected sources, exceptional circumstances, and the 10,000 ton reserve.

Table III-3
Ozone Transport Region NOx Budget Summary
Final OTC NOx Baseline Emission Inventory
(5-month emissions - tons)

State	Affected Sources(1)	Sources with Exceptional Circumstances(2)	NonAffected Sources(3)	10,000 Ton Reserve (4)	Phase II Adjusted Baseline(5)	Phase III Adjusted Baseline(6)	Phase II Target Emissions(7)	Phase III Target Emissions(8)
Connecticut	10,839	0	364	344	11,547	11,203	5,910	4,522
Delaware	12,934	80	246	86	13,346	13,260	5,792	3,830
District of Columbia	497	0	79	43	619	576	494	383
Maine	4,412	0	7	129	4,548	4,419	3,237	2,459
Maryland	54,375	0	616	3,576	58,567	54,991	22,881	15,523
Massachusetts	39,070	963	1,297	602	41,932	41,330	17,218	12,861
New Hampshire	12,946	1,631	0	129	14,706	14,577	5,207	3,727
New Jersey	41,523	449	2,836	817	45,625	44,808	15,430	12,236
New York	82,271	740	2,214	1,847	87,072	85,225	46,700	32,349
Pennsylvania	199,137	3,452	503	2,126	205,218	203,092	93,204	52,857
Rhode Island	1,099	0	0	86	1,185	1,099	446	312
Vermont	30	0	0	43	73	30	56	30
Virginia	5,765	332	34	172	6,303	6,131	2,480	1,785
Ozone Transport Region	464,898	7,647	8,196	10,000	490,741	480,741	219,055	142,874

(1) Fossil fuel fired boilers and other indirect heat exchangers with capacity of 250 million Btu/hr and above.

(2) Accounts for atypical operations as approved by the Stationary/Area Source Committee.

(3) Emission from sources in the baseline but not affected.

(4) Additional 10,000 ton reserve approved by the OTC for use in establishing Phase II targets.

(5) Total of affected, nonaffected, exceptional circumstances, and 10,000 ton reserve.

(6) Total of affected, nonaffected, and exceptional circumstances.

(7) Phase II limits on affected, exceptional circumstances, and 10,000 ton reserve plus RACT on nonaffected sources.

(8) Phase III limits on affected and exceptional circumstances plus RACT on nonaffected sources.

RACT limits are preliminary and based on default data where source specific information has not yet been provided.

This analysis incorporates RACT limits for affected sources (RACT limits are assumed if below Phase II or Phase III limits).

Phase II and III limits for exceptional circumstances are currently estimated by applying the percentage reduction to the emissions.

Applying the emission rate limit may result in higher Phase II or Phase III emissions for exceptional circumstances.

Table III-4
Ozone Transport Region Phase II Budget Summary
Final OTC NOx Baseline Emission Inventory
(5-month emissions - tons)

State	Affected Sources(1)	Sources with Exceptional Circumstances(2)	NonAffected Sources(3)	10,000 Ton Reserve (4)	Phase II Budget(5)			
					Affected Sources	with Exceptional Circumstances	Plus Sources	Plus 10,000 Ton Reserve
Connecticut	10,839	0	364	344	5,473	5,473	5,790	5,910
Delaware	12,934	80	246	86	5,543	5,571	5,757	5,792
District of Columbia	497	0	79	43	400	400	479	494
Maine	4,412	0	7	129	3,155	3,155	3,160	3,237
Maryland	54,375	0	616	3,576	21,013	21,013	21,629	22,881
Massachusetts	39,070	963	1,297	602	15,855	16,192	17,007	17,218
New Hampshire	12,946	1,631	0	129	4,591	5,162	5,162	5,207
New Jersey	41,523	449	2,836	817	13,561	13,718	15,144	15,430
New York	82,271	740	2,214	1,847	44,107	44,440	45,961	46,700
Pennsylvania	199,137	3,452	503	2,126	90,352	91,899	92,247	93,204
Rhode Island	1,099	0	0	86	416	416	416	446
Vermont	30	0	0	43	30	30	30	56
Virginia	5,765	332	34	172	2,270	2,386	2,420	2,480
Ozone Transport Region	464,898	7,647	8,196	10,000	206,766	209,855	215,202	219,055

(1) Fossil fuel fired boilers and other indirect heat exchangers with capacity of 250 million Btu/hr and above.

(2) Accounts for atypical operations as approved by the Stationary/Area Source Committee.

(3) Emission from sources in the baseline but not affected.

(4) Additional 10,000 ton reserve approved by the OTC for use in establishing Phase II targets.

(5) Phase II limits on affected, exceptional circumstances, and 10,000 tons reserve plus RACT on nonaffected sources.

RACT limits are preliminary and based on default data where source specific information has not yet been provided.

This analysis incorporates RACT limits for affected sources (RACT limits are assumed if below Phase II or Phase III limits).

Phase II limits for exceptional circumstances are currently estimated by applying the percentage reduction to the emissions.

Applying the emission rate limit may result in higher Phase II or Phase III emissions for exceptional circumstances.

Phase II limits for the 10,000 ton reserve are estimated by applying the applicable percentage reduction. For States crossing zones, the reserve was allocated according to the percentage of baseline emissions in each zone. A 40 percent reduction was applied in the Northern Zone to approximate RACT.

Table III-5
Ozone Transport Region Phase III Budget Summary
Final OTC NOx Baseline Emission Inventory
(5-month emissions - tons)

State	Affected Sources(1)	Sources with Exceptional Circumstances(2)	NonAffected Sources(3)	Phase III Budget(4)		
				Affected Sources	Plus Sources with Exceptional Circumstances	Plus NonAffected Sources
Connecticut	10,839	0	364	4,204	4,204	4,522
Delaware	12,934	80	246	3,623	3,643	3,830
District of Columbia	497	0	79	304	304	383
Maine	4,412	0	7	2,454	2,454	2,459
Maryland	54,375	0	616	14,907	14,907	15,523
Massachusetts	39,070	963	1,297	11,805	12,046	12,861
New Hampshire	12,946	1,631	0	3,319	3,727	3,727
New Jersey	41,523	449	2,836	10,699	10,811	12,236
New York	82,271	740	2,214	30,642	30,827	32,349
Pennsylvania	199,137	3,452	503	51,646	52,509	52,857
Rhode Island	1,099	0	0	312	312	312
Vermont	30	0	0	30	30	30
Virginia	5,765	332	34	1,668	1,751	1,785
Ozone Transport Region	464,898	7,647	8,196	135,613	137,525	142,874

(1) Fossil fuel fired boilers and other indirect heat exchangers with capacity of 250 million Btu/hr and above.

(2) Accounts for atypical operations as approved by the Stationary/Area Source Committee.

(3) Emission from sources in the baseline but not affected.

(4) Phase III limits on affected and exceptional circumstances plus RACT on nonaffected sources.

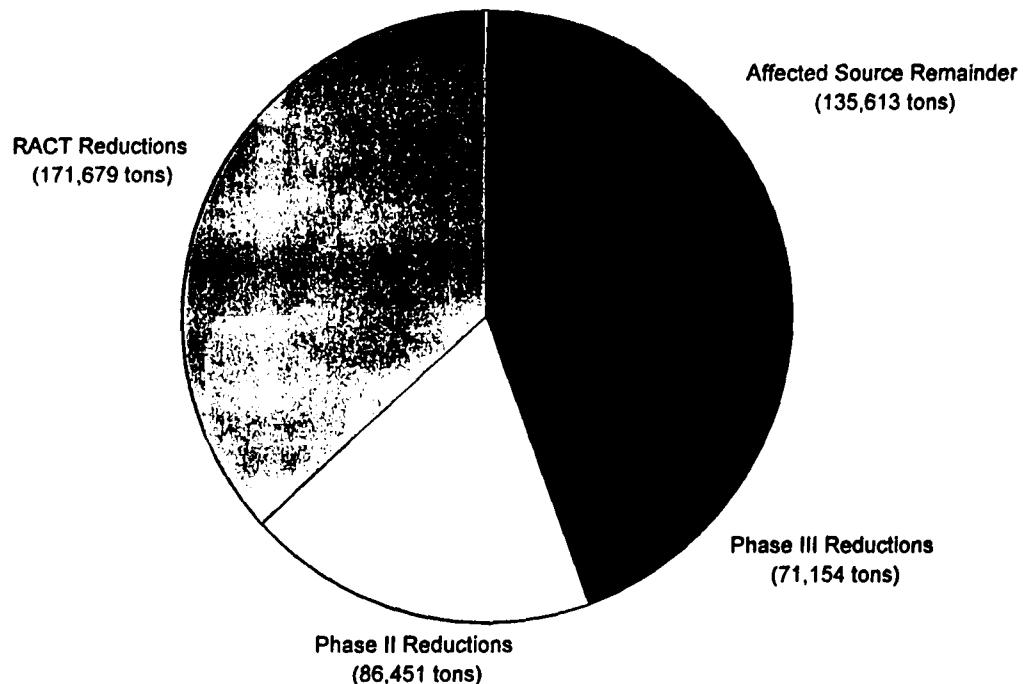
RACT limits are preliminary and based on default data where source specific information has not yet been provided.

This analysis incorporates RACT limits for affected sources (RACT limits are assumed if below Phase II or Phase III limits).

Phase III limits for exceptional circumstances are currently estimated by applying the percentage reduction to the emissions.

Applying the emission rate limit may result in higher Phase II or Phase III emissions for exceptional circumstances.

Figure III-1
Ozone Transport Region 5-Month NOx Emissions
Affected Sources

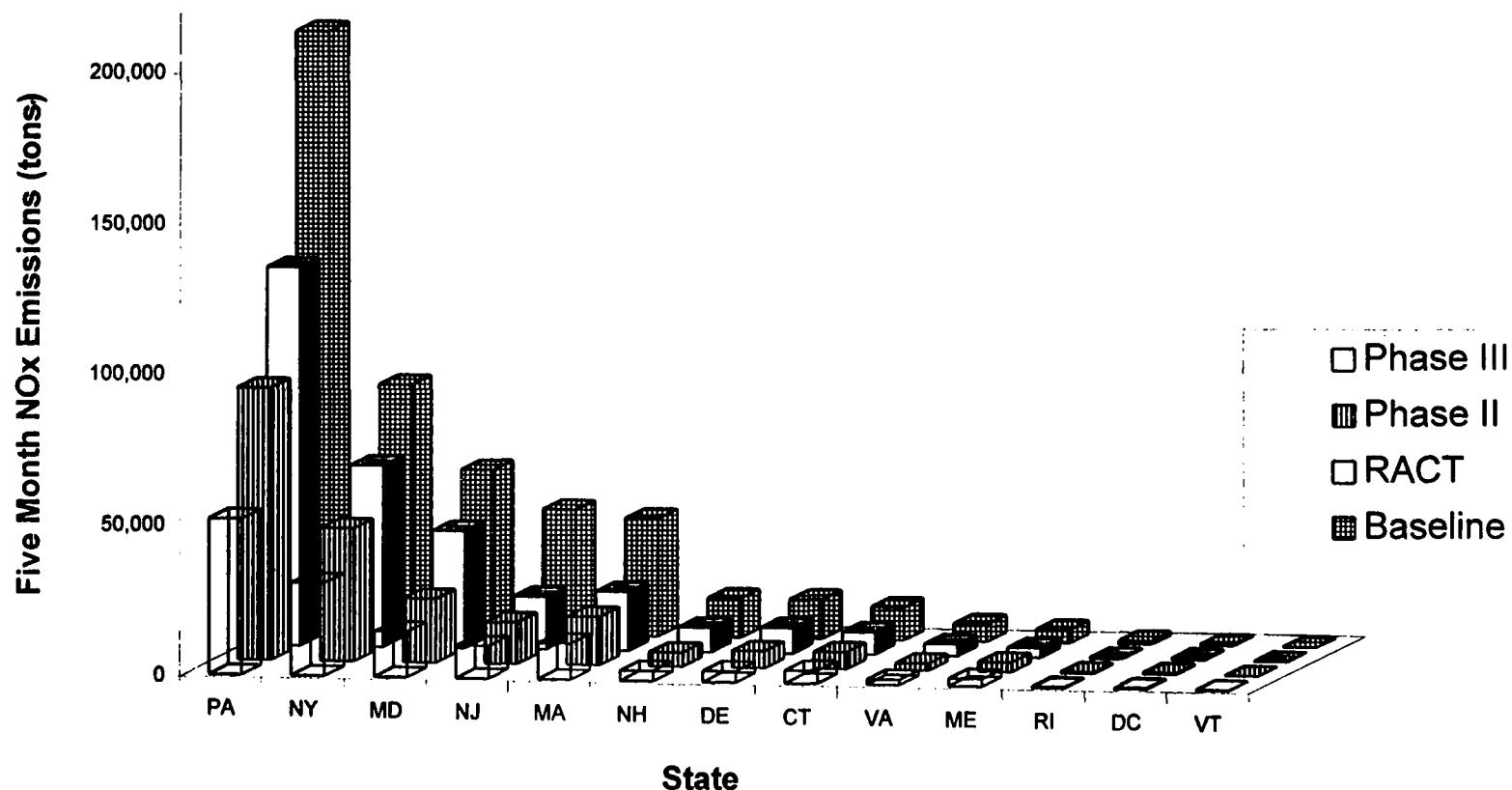


RAFT reductions are based on preliminary information and are estimated based on 1990 operating rates combined with RACT emission limits.

The Phase II and III targets are preliminary and subject to change as RACT and policy decisions are finalized.

This figure does not include emissions from nonaffected sources, exceptional circumstances, or the 10,000 ton reserve (phase II) which affect the overall budget.

Figure III-2
NOx Emission Targets from Affected Sources by State

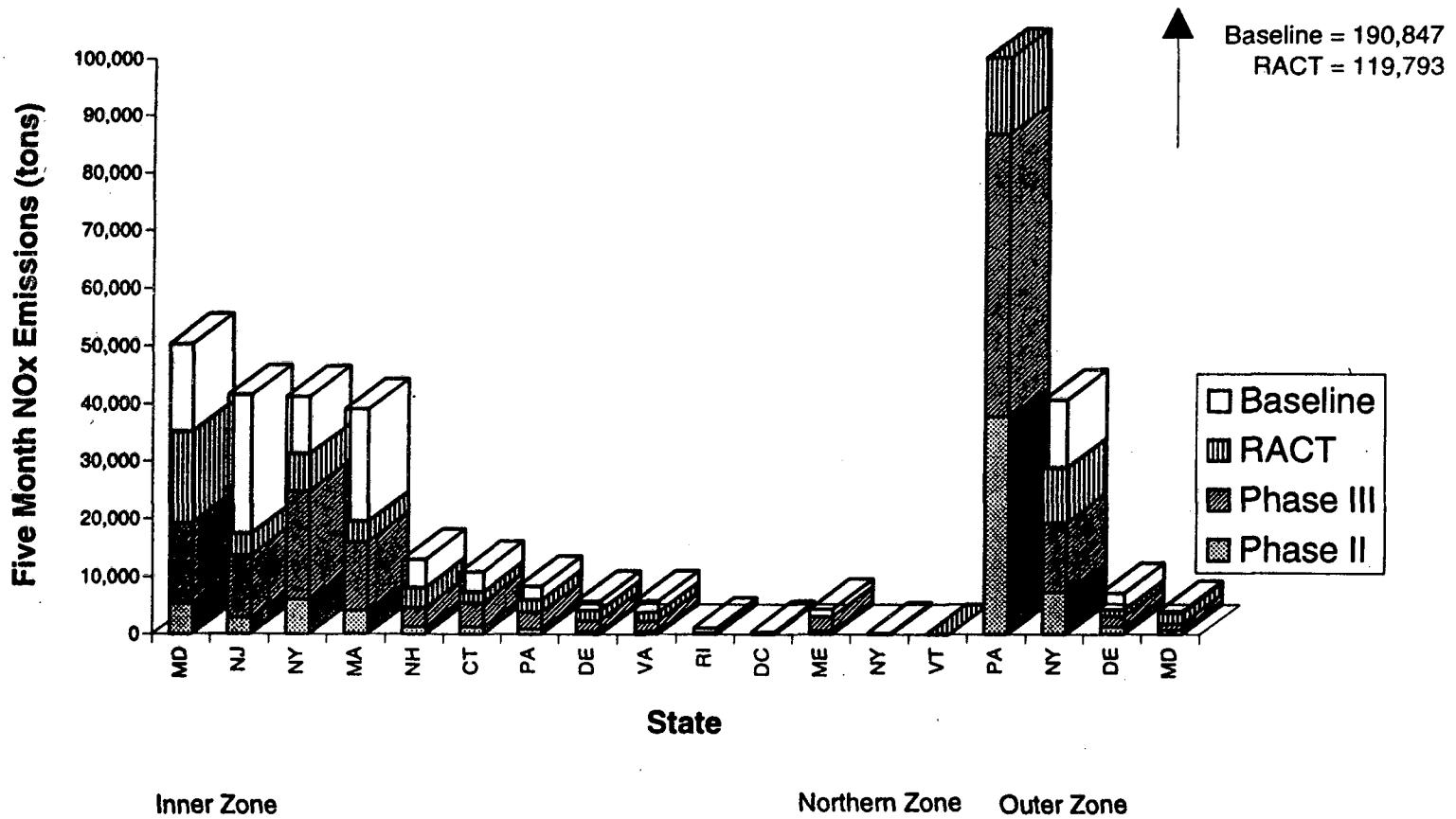


RACT reductions are based on preliminary information and are estimated based on 1990 operating rates combined with RACT emission limits.

The Phase II and III targets are preliminary and subject to change as RACT and policy decisions are finalized.

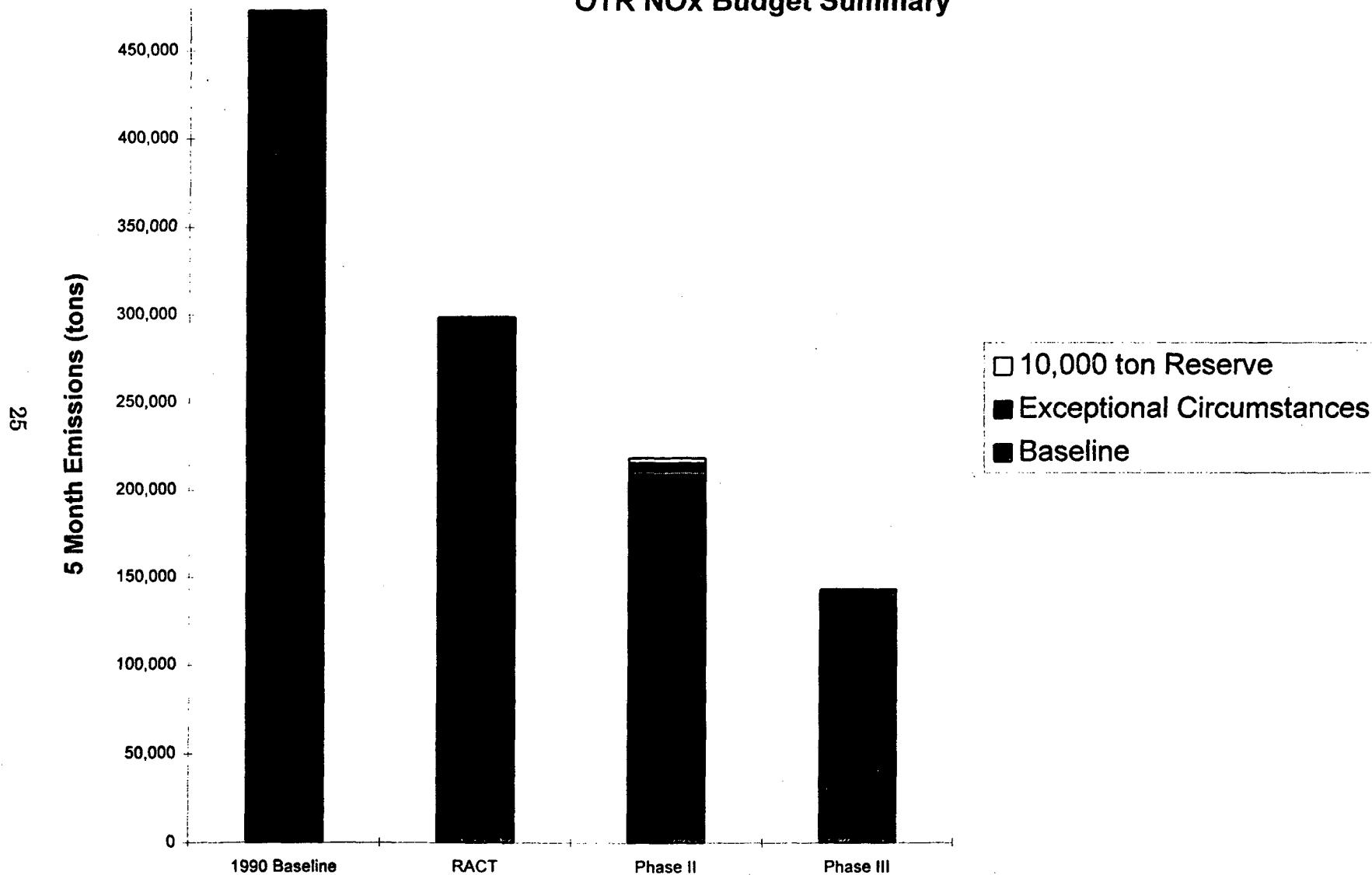
This figure includes only target emissions for affected sources; the Phase II and III budget also includes nonaffected sources, exceptional circumstances, and the 10,000 ton reserve (phase II only).

Figure III-3
NOx Emission Targets from Affected Sources by Zone and State



RACT reductions are based on preliminary information and are estimated based on 1990 operating rates combined with RACT emission limits.
The Phase II and III targets are preliminary and subject to change as RACT and policy decisions are finalized.
This figure includes only target emissions for affected sources; the phase II and III budget also include nonaffected sources, exceptional circumstances, and the 10,000 ton reserve (phase II only).

Figure III-4
OTR NOx Budget Summary



RACT reductions are based on preliminary information and are estimated based on 1990 operating rates combined with RACT emission limits.
The Phase II and III targets are preliminary and subject to change as RACT and policy decisions are finalized.

APPENDIX A
PHASE II AND III TARGET LEVELS BY STATE

Target Report - May-September Emissions
State Level Emissions Data

State	Design Capacity (10x6 Btu/hr)	Heat Input (10x6 Btu)	NOx Emissions (Tons/May-Sept.)							Maximum of			Phase II	Phase III
			5-Month	55%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15		
Connecticut	44,752	61,284,609	11,203	5,041	3,921	2,801	6,128	4,596	7,625	6,785	6,331	4,728	5,790	4,522
Delaware	26,304	43,893,578	13,180	5,931	4,613	3,295	4,389	3,292	8,582	6,327	5,251	3,825	5,729	3,810
Washington DC	11,642	4,315,427	576	259	201	144	432	324	532	443	435	325	479	383
Maine	29,971	22,524,735	4,419	1,989	1,547	1,105	2,252	1,689	3,160	2,460	2,373	1,769	3,160	2,459
Maryland	81,423	139,601,865	54,990	24,746	19,247	13,748	13,960	10,470	39,497	25,672	20,933	15,127	21,629	15,523
Massachusetts	78,105	139,045,355	40,367	18,165	14,128	10,092	13,904	10,428	20,231	20,016	16,949	12,423	16,670	12,620
New Hampshire	11,068	21,688,403	12,946	5,826	4,531	3,237	2,169	1,627	8,047	5,827	4,591	3,319	4,591	3,319
New Jersey	139,986	97,648,670	44,360	19,962	15,526	11,090	9,765	7,324	18,744	21,125	17,129	12,365	14,987	12,124
New York	239,523	394,796,337	84,484	38,018	29,570	21,121	39,480	29,610	61,667	46,351	42,364	31,486	45,628	32,164
Pennsylvania	255,942	519,522,699	199,639	89,838	69,874	49,910	51,952	38,964	126,119	92,306	73,026	52,426	90,700	51,994
Rhode Island	2,978	4,161,143	1,099	495	385	275	416	312	421	495	416	312	416	312
Vermont	842	521,640	30	14	11	8	52	39	30	52	52	39	30	30
Virginia	19,834	22,067,343	5,799	2,610	2,030	1,450	2,207	1,655	3,910	2,771	2,282	1,676	2,304	1,702
OTR Total	942,370	1,471,071,804	473,092	212,892	165,582	118,273	147,107	110,330	298,566	230,630	192,133	139,819	212,115	140,961

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.

RACT (preliminary information provided by the State) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Target Report - May-September Emissions
Plant Level Emissions Data

Final OTC NOx Baseline Inventory
Connecticut

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08/10/95

Plant ID/Name	Design Capacity (10x6 Btu/hr)	Heat Input (10x6 Btu)	Emission Rate (lbs/10x6 Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				5-Month	65%	75%	0.20	0.15	RACT	65%/0.2	65%/0.2	75%/0.15	Phase II	Phase III	
001 Fairfield Co															
0185 UNITED ILLUMINATING - BRIDGEPORT HARBOR	6,857	15,839,731	0.524	4,150	1,868	1,453	1,038	1,584	1,188	2,692	1,869	1,584	1,188	1,584	1,188
3417 CONN LIGHT & POWER CO - GREENWICH	785	16,412	0.829	7	3	2	2	2	1	4	3	2	2	4	4
4214 CONN LIGHT & POWER CO - NORWALK	2,834	7,045,303	0.209	1,054	474	389	263	705	526	878	705	705	528	705	528
003 Hartford Co															
1510 PRATT & WHITNEY AIRC	1,814	192,815	0.387	35	18	12	9	18	14	24	19	19	14	19	14
3058 CONN LIGHT & POWER CO - SOUTH MEADOW	2,592	64,592	0.829	27	12	9	7	6	5	16	12	8	7	16	16
3666 CAPITOL DISTRICT ENERGY CENTER	717	1,461,142	0.157	115	52	40	29	146	110	115	146	146	110	115	115
8601 DEXTER NONWOVENS DIV	555	1,738,978	0.152	132	60	46	33	174	130	131	174	174	130	131	131
005 Litchfield Co															
1424 CONN LIGHT & POWER CO - FRANKLIN DR	230	9,545	0.602	3	1	1	1	1	1	2	1	1	1	2	2
1443 CONN LIGHT & POWER CO - TORRINGTON TERM	230	3,301	0.602	1	0	0	0	0	0	1	0	0	0	1	1
007 Middlesex Co															
0874 CONN LIGHT & POWER CO - MIDDLETOWN	6,847	6,561,606	0.664	2,179	980	763	545	658	492	820	1,020	855	621	754	629
009 New Haven Co															
0404 CONN LIGHT & POWER CO - BRANFORD	270	4,728	0.602	1	1	0	0	0	0	1	1	0	0	1	1
2514 CONN LIGHT & POWER CO - DEVON	6,598	6,301,392	0.300	946	426	331	236	630	473	787	630	630	473	633	478
3346 UNITED ILLUMINATING CO - ENGLISH	779	143,939	0.263	19	9	7	5	14	11	18	14	14	11	14	11
3851 UNITED ILLUMINATING CO - NEW HAVEN HARBO	4,286	9,519,985	0.275	1,308	589	458	327	952	714	1,139	952	952	714	952	714
011 New London Co															
0604 PFIZER INC-CHEMICALS	664	1,186,320	0.387	217	98	76	54	119	89	148	119	119	89	119	89
1505 CONN LIGHT & POWER CO - MONTVILLE	6,296	4,981,102	0.292	727	327	254	182	498	374	589	498	498	374	500	378
1544 A E S THAMES INC	1,846	5,440,970	0.080	163	73	57	41	544	408	163	544	544	408	163	163
2405 NORWICH PUBLIC UTIL - SO. GOLDEN ST	184	10,176	0.701	4	2	1	1	1	1	2	2	1	1	2	2
2901 CONN LIGHT & POWER CO - TUNNEL	230	1,979	0.602	1	0	0	0	0	0	0	0	0	0	0	0
3102 FEDERAL PAPER BOARD CO	275	759,480	0.300	114	51	40	28	78	57	95	78	78	57	78	57
3803 CONN LIGHT & POWER CO	185	1,013	0.501	0	0	0	0	0	0	0	0	0	0	0	0
State Total	44,782	61,284,609	0.366	11,203	5,041	3,921	2,601	6,128	4,596	7,625	6,785	6,331	4,728	6,790	4,522

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.

RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Final OTC NOx Baseline Inventory

Delaware

Plant Level Emissions Data

08/10/95

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				5-Month	55%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III
001 Kent Co															
0002 DOVER ELECTRIC, MCKEE RUN	1,447	2,395,065	0.467	560	252	196	140	240	180	411	252	240	180	273	227
003 New Castle Co															
0005 DELMARVA POWER, DELAWARE CITY	933	933,324	0.492	230	103	80	57	93	70	117	103	93	70	94	70
0006 DELMARVA POWER, WEST SUBSTATION	246	6,105	0.709	2	1	1	1	1	0	2	1	1	1	2	2
0007 DELMARVA POWER, EDGE MOOR	7,537	12,076,797	0.500	3,022	1,360	1,058	756	1,208	906	2,312	1,360	1,208	906	1,208	906
0016 STAR ENTERPRISE,DELAWARE CITY PLANT	3,346	9,660,348	0.437	2,109	949	738	527	966	725	1,415	1,226	1,041	758	907	719
0046 DELMARVA POWER, MADISON ST	242	1,079	0.708	0	0	0	0	0	0	0	0	0	0	0	0
0317 DELMARVA POWER, CHRISTIANA SUBSTATION	782	31,692	0.709	11	5	4	3	3	2	11	6	4	3	11	11
0388 DELMARVA POWER, HAY ROAD	2,676	1,569,452	0.105	83	37	29	21	157	118	83	157	157	118	83	83
005 Sussex Co															
0001 DELMARVA POWER, INDIAN RIVER	9,095	17,219,716	0.832	7,163	3,223	2,507	1,791	1,722	1,291	4,231	3,223	2,507	1,791	3,151	1,791
State Total	26,304	43,893,578	0.601	13,180	5,931	4,613	3,295	4,389	3,292	8,582	6,327	5,251	3,825	5,729	3,810

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.

RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Final OTC NOx Baseline Inventory

Washington DC

Plant Level Emissions Data

08/10/95

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				5-Month	55%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III
001 Washington															
0001 PEPCC - BENNING	5,574	3,503,285	0.239	416	188	146	104	350	263	400	350	350	263	350	263
0024 GSA-WEST HEATING	1,072	341,071	0.369	63	28	22	16	34	26	38	34	34	26	34	26
0025 GSA-CENTRAL HEATING	1,524	227,687	0.138	16	7	6	4	23	17	16	23	23	17	16	16
0040 PEPCO-BUZZARD POINT	3,472	243,404	0.650	79	36	28	20	24	18	79	36	28	20	79	79
State Total	11,642	4,315,427	0.267	576	259	201	144	432	324	532	443	435	323	479	283

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.

RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Plant Level Emissions Data

Maine

08/10/95

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				8-Month	55%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III
003 Aroostock Co															
0001 MAINE PUBLIC SERVICE COMPANY, CARIBOU	194	31,485	0.449	7	3	2	2	3	2	5	3	3	2	5	5
0027 FRASER PAPER, LTD.	302	159,510	0.366	29	13	10	7	16	12	16	16	16	12	18	16
0051 FAIRFIELD ENERGY VENTURE, L.P.	523	6,460	0.132	0	0	0	0	1	0	0	1	1	1	0	0
005 Cumberland Co															
0135 CENTRAL MAINE POWER WYMAN STATION	8,202	9,285,126	0.319	1,483	667	519	371	929	666	1,386	929	929	696	1,386	929
0136 S.D. WARREN CO, SCOTT PAPER CO.	1,449	716,819	0.685	245	110	86	61	72	54	148	113	86	63	148	112
007 Franklin Co															
0021 INTERNATIONAL PAPER COMPANY-ANDROSCOGGIN	2,994	2,928,532	0.369	540	243	189	135	293	220	324	293	293	220	324	293
0023 STRATTON ENERGY ASSOCIATION	672	40,684	0.184	3	2	1	1	4	3	3	4	4	3	3	3
009 Hancock Co															
0004 CHAMPION INTERNATIONAL CORP	1,185	1,470,068	0.380	279	126	96	70	147	110	167	147	147	110	167	147
011 Kennebec Co															
0062 SCOTT PAPER WINSLOW PLANT	290	78,435	0.362	14	6	5	4	8	6	9	8	8	6	9	8
015 Lincoln Co															
0010 CENTRAL MAINE POWER - MASON STATION	1,239	38,445	0.447	9	4	3	2	4	3	6	4	4	3	6	4
017 Oxford Co															
0045 BOISE CASCADE PAPER COMPANY	1,918	1,304,034	1.000	652	293	226	163	130	96	391	296	235	168	391	296
019 Penobscot Co															
0029 BANGOR HYDRO- GRAHAM STATION	1,413	77,720	0.440	17	6	4	8	6	12	6	6	6	12	6	6
0034 JAMES RIVER CORP. (OLD TOWN)	1,021	952,365	0.367	175	79	61	44	95	71	105	95	95	71	105	95
0056 WHEELABRATOR-SHERMAN ENERGY CO.	284	649	0.142	0	0	0	0	0	0	0	0	0	0	0	0
0056 GREAT NORTHERN PAPER, INC. (MILL.)	2,442	3,264,061	0.384	595	268	208	149	326	245	357	326	326	245	357	326
0058 GREAT NORTHERN PAPER, INC (E.M.)	1,238	627,134	0.384	114	51	40	28	63	47	68	63	63	47	68	63
025 Somerset Co															
0027 S. D. WARREN CO. SCOTT PAPER CO	2,926	764,892	0.301	115	52	40	29	76	57	76	76	57	76	76	76
029 Washington Co															
0020 GEORGIA-PACIFIC CORPORATION	1,677	778,316	0.382	141	63	49	35	78	58	85	78	78	58	85	78
State Total	29,971	22,524,735	0.392	4,419	1,989	1,547	1,105	2,252	1,689	3,160	2,460	2,373	1,769	3,160	2,459

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC. RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Target Report - May-September Emissions
Plant Level Emissions Data

Final OTC NOx Baseline Inventory
Maryland

5

08/10/95

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				5-Month	55%	65%	75%	0.20	0.15	RACT	85%/0.2	65%/0.2	75%/0.15	Phase II	Phase III
001 Allegany Co 0011 WESTVACO	1,623	5,140,390	1.174	3,017	1,358	1,058	754	514	386	3,017	1,358	1,058	756	1,358	756
003 Anne Arundel Co 0014 BALTO. GAS & ELEC. - WAGNER STATION 0468 BALTO. GAS & ELEC. - BRANDON SHORES	9,814 5,760	17,202,714 17,068,852	0.863 0.419	7,426 3,576	3,342 1,608	2,599 1,252	1,857 894	1,720 1,707	1,290 1,280	6,806 3,576	3,401 1,707	2,702 1,707	1,949 1,280	2,702 1,707	1,949 1,280
005 Baltimore Co 0076 BALTO. GAS & ELEC. - NOTCHCLIFF 0078 BALTO. GAS & ELEC. - RIVERSIDE 0079 BALTO. GAS & ELEC. - CRANE	2,144 6,470 3,680	606,632 5,418,239 6,376,351	0.404 0.424 1.272	123 1,150 5,329	55 517 2,398	43 402 1,865	31 287 1,332	61 542 838	45 406 626	123 835 5,329	61 562 2,398	61 542 1,865	45 406 1,332	123 568 1,865	123 438 1,332
017 Charles Co 0014 POTOMAC ELECTRIC MORGANTOWN	13,750	30,861,207	0.942	14,537	6,542	5,088	3,634	3,086	2,315	5,944	6,542	5,088	3,634	5,192	3,754
019 Dorchester Co 0013 DELMARVA POWER VIENNA	2,131	1,446,160	0.390	282	127	99	71	145	108	282	145	145	108	145	109
025 Harford Co 0024 BALTO. GAS & ELEC. - PERRYMAN	2,816	451,440	0.503	114	51	40	28	45	34	114	51	45	34	114	114
031 Montgomery Co 0019 POTOMAC ELECTRIC DICKERSON	4,936	14,564,413	0.682	4,906	2,235	1,738	1,242	1,456	1,092	4,906	2,235	1,738	1,242	1,738	1,242
033 Prince Georges Co 0014 POTOMAC ELECTRIC - CHALK POINT 1827 SMECO - CHALK POINT	20,524 924	31,696,601 557,158	0.802 0.161	12,719 50	5,723 23	4,452 18	3,180 13	3,170 56	2,377 42	7,511 50	6,336 56	5,234 56	3,788 42	5,246 50	3,802 50
043 Washington Co 0005 POTOMAC EDISON COMPANY	1,455	1,977,205	0.777	768	346	269	192	198	148	450	346	269	192	346	192
810 Baltimore 0006 BALTO. GAS & ELEC. - WESTPORT 0007 BALTO. GAS & ELEC. - GOULD STREET 0265 BALTO. GAS & ELEC. - PHILADELPHIA RD	3,477 1,085 1,032	2,593,412 1,584,130 74,981	0.525 0.300 0.490	680 235 18	306 106 8	238 82 6	170 59 5	259 158 7	195 117 6	442 235 18	311 156 8	259 156 7	195 117 6	301 156 18	247 117 18
State Total	81,423	139,601,865	0.788	54,990	24,746	19,247	13,748	13,960	10,470	39,497	25,672	20,933	15,127	21,629	15,523

The MOU establishes Phase II and potential Phase III NOx limits.

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The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Plant Level Emissions Data

Massachusetts

08/10/95

Plant ID/Name	Design Capacity (10x6 Btu/hr)	Heat Input (10x6 Btu)	Emission Rate (lbs/10x6 Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of				
				5-Month	55%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III	
001 Barnstable Co																
0054 CANAL ELECTRIC CO	*120 0054*M	10,229	21,246,827	0.479	5,092	2,281	1,782	1,273	2,125	1,594	2,947	2,710	2,352	1,719	2,352	1,719
003 Berkshire Co																
006 ALTRESCO PITTSFIELD	*117 0006*M	1,290	658,659	0.035	11	5	4	3	66	49	11	66	66	49	11	11
0166 WOODLAND ROAD		230	8,489	0.506	2	1	1	1	1	1	1	1	1	1	1	1
0167 DOREEN STREET		230	7,268	0.506	2	1	1	0	1	1	1	1	1	1	1	1
0168 SILVER LAKE		920	18,087	0.489	4	2	2	1	2	1	2	2	2	1	2	2
005 Bristol Co																
0041 CANNON ST. STATION	*120 0041*M	964	539,696	0.530	143	64	50	36	54	40	76	64	54	40	54	40
0060 MONTAUP - SOMERSET	*120 0060*M	2,894	3,843,045	0.541	1,040	468	364	260	384	288	709	466	384	288	384	289
0061 N ENG P - BRAYTON POINT	*120 0061*M	15,250	35,058,991	0.790	13,849	6,232	4,847	3,462	3,506	2,629	6,481	6,528	5,279	3,803	5,094	3,803
0067 TAUNTON MUN LIGHT PL	*120 0067*M	1,671	1,371,446	0.502	345	155	121	86	137	103	192	155	137	103	151	125
009 Essex Co																
0138 GENERAL ELECTRIC CO	*119 0138*M	643	665,406	0.558	166	84	65	46	67	50	106	84	69	52	75	62
0184 N.E.POWER-SALEM	*119 0194*M	7,215	19,619,331	0.733	7,190	3,236	2,517	1,798	1,962	1,471	2,976	3,236	2,646	1,927	2,562	1,927
011 Franklin Co																
0032 INDECK		240	353,808	0.577	102	46	36	26	35	27	58	46	36	27	58	58
013 Hampden Co																
0001 MASS.WHOLESALE ELEC.	*042 0001*M	4,760	3,621,716	0.300	543	244	190	136	362	272	371	362	362	272	371	371
0036 HOLYOKE GAS&ELEC CABOT	*042 0036*M	547	323,585	0.515	83	37	29	21	32	24	45	37	32	24	44	44
0040 HWP MT. TOM STATION	*042 0040*M	1,450	4,757,636	1.000	2,379	1,070	833	595	476	357	1,070	1,070	833	595	833	595
0117 WESTERN MASS.ELEC CO	*042 0117*M	2,722	1,021,821	0.268	137	62	48	34	102	77	127	102	102	77	102	77
017 Middlesex Co																
0092 COM.ELECT-BLACKSTONE	*119 0092*M	828	172,614	0.532	48	21	16	11	17	13	24	21	17	13	24	24
0093 COM.ELECTRIC-KENDALL	*119 0093*M	1,469	1,222,246	0.536	327	147	115	82	122	92	171	147	122	92	122	92
0128 BOSTON EDISON MYSTIC	*119 0128*M	10,301	21,013,323	0.269	2,830	1,273	990	707	2,101	1,578	2,321	2,101	2,101	1,578	2,102	1,578
0265 LOWELL COGEN		286	664,395	0.316	105	47	37	26	66	50	67	66	66	50	67	67
0500 STATION 240		594	7,952	0.698	3	1	1	1	1	1	1	1	1	1	1	1
4040 PEPPERELL POWER		390	1,038,476	0.143	74	33	26	19	104	78	74	104	104	78	74	74
021 Norfolk Co																
0133 STATION 446		2,022	56,782	0.601	17	8	6	4	6	4	8	8	6	4	8	8
0227 EDGAR STATION		398	5,166	0.686	2	1	0	1	0	0	1	1	1	0	1	1
0491 BRAINTREE ELECTRIC	*119 0491*M	852	793,296	0.444	176	79	62	44	79	59	79	79	79	59	79	79
028 Suffolk Co																
0012 BOSTON EDISON N.BOST	*119 0012*M	7,612	19,147,172	0.549	5,253	2,384	1,839	1,313	1,915	1,436	2,059	2,364	1,915	1,436	1,915	1,436
0507 TRIGEN-BOST.ENER.COR	*119 0507*M	2,100	1,808,160	0.471	426	192	149	108	181	136	253	192	181	136	181	136

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.

RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Final OTC NOx Baseline Inventory

Massachusetts

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of				
				5-Month	65%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III	
025 Suffolk Co																
0507 TRIGEN-BOST.ENER.COR	*118 0507*M	2,100	1,608,160	0.471	426	192	149	106	181	136	253	192	181	136	181	136
State Total		78,108	139,045,385	0.581	40,367	18,165	14,128	10,092	13,904	10,428	20,231	20,016	16,949	12,423	16,670	12,620

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.

RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Final OTC NOx Baseline Inventory

New Hampshire

Plant Level Emissions Data

08/10/95

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				6-Month	65%	75%	0.20	0.15	RACT	65%/0.2	65%/0.2	75%/0.15	Phase II	Phase III	
013 Merrimack Co															
0026 PSNH, MERRIMACK STATION	4,506	9,303,363	2.055	9,558	4,301	3,345	2,390	930	696	5,697	4,301	3,345	2,390	3,345	2,390
015 Rockingham Co															
0012 PSNH, SCHILLER	2,152	3,854,951	0.588	1,091	491	382	273	385	269	863	492	392	290	392	290
0054 PSNH, NEWINGTON	4,350	8,530,669	0.539	2,297	1,034	804	574	853	640	1,468	1,034	853	640	853	640
State Total	11,068	21,688,403	1.194	12,946	5,826	4,531	3,237	2,169	1,627	8,047	5,827	4,591	3,319	4,591	3,319

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.

RAFT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Target Report - May-September Emissions

Final OTC NOx Baseline Inventory
New Jersey

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Plant Level Emissions Data

08/10/95

Plant ID/Name	Design Capacity (10x6 Btu/hr)	Heat Input (10x6 Btu)	Emission Rate (lbs/10x6 Btu)	5-Month	NOx Emissions (Tons/May-Sept.)								Maximum of				
					55%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III		
001 Atlantic Co																	
0002 AC ELEC CO - MISSOURI	939	55,818	0.502	14	6	5	4	6	4	11	6	6	4	11	11	11	
003 Bergen Co																	
0012 PSE&G - BERGEN	6,527	8,601,039	1.077	4,631	2,084	1,621	1,158	860	645	860	2,084	1,621	1,158	860	860	860	
0803 PRIME ENERGY LIMITED PARTNERSHIP	700	2,347,849	0.192	225	101	79	58	235	176	223	235	235	176	223	223	223	
005 Burlington Co																	
0003 PSE&G - BURLINGTON	12,109	1,298,844	0.554	359	162	126	90	130	97	201	162	143	106	163	138		
009 Cape May Co																	
0001 AC ELEC CO - B.L. ENGL	4,620	8,357,354	1.199	5,009	2,254	1,753	1,252	838	627	2,179	2,315	1,837	1,318	1,837	1,318	1,318	
0013 AC ELEC CO - MIDDLE ST	1,058	101,905	0.501	26	11	9	6	10	8	20	11	10	8	20	20	20	
011 Cumberland Co																	
0020 VINELAND MUNICIPAL ELECTRIC UTILITY	627	377,160	0.449	85	38	30	21	38	28	53	38	38	28	38	38	28	
0048 AC ELEC CO - CARILL'S C	1,306	245,318	0.693	85	38	30	21	25	18	25	38	30	21	25	25	25	
0171 VINELAND MUNICIPAL ELECTRIC UTILITY	417	51,170	0.657	17	8	6	4	5	4	10	8	6	4	10	10	10	
0222 AC ELEC CO - CUMBERLAND	1,032	208,833	0.073	8	3	3	2	21	16	8	21	21	16	8	8	8	
013 Essex Co																	
0016 PSE&G - ESSEX	10,715	2,758,300	0.493	680	306	238	170	276	207	246	352	287	207	246	246		
018 Gloucester Co																	
0004 COASTAL EAGLE POINT OIL COMPANY	1,382	3,075,800	0.514	790	356	277	198	308	231	431	356	308	231	308	308	231	
0006 MOBIL OIL CORPORATION	1,674	3,356,221	0.400	671	302	235	168	338	252	470	336	336	252	336	336	252	
0037 AC ELEC CO - MICKELTON	1,092	291,602	0.540	79	35	28	20	29	22	29	35	29	22	29	29	29	
0899 PSE&G - NATIONAL	327	3,555	0.900	2	1	1	0	0	0	1	1	1	0	1	1	1	
017 Hudson Co																	
0021 PSE&G - HUDSON	12,503	19,399,605	1.422	13,784	6,207	4,628	3,446	1,940	1,455	3,872	6,207	4,628	3,448	3,872	3,453		
0022 PSE&G - KEARNY	13,169	1,453,045	0.340	247	111	88	62	145	109	158	170	150	119	158	131		
0577 COGEN TECHNOLOGIES - NEW JERSEY VENTURE	1,464	5,016,066	0.029	72	32	25	18	502	376	72	502	502	376	72	72		
0999 PSE&G - BAYONNE	810	6,480	0.901	3	1	1	1	1	0	1	1	1	1	1	1	1	
019 Hunterdon Co																	
0001 JCP&L - GILBERT	6,925	3,091,147	0.387	714	321	250	179	369	277	400	376	369	277	388	365		
0013 JCP&L - GLEN GARD	2,720	573,552	0.482	136	62	48	35	57	43	58	62	57	43	58	58		
0110 KAMINE MILFORD LIMITED PARTNERSHIP	438	550,200	0.431	119	53	42	30	55	41	55	55	55	41	55	41		
021 Mercer Co																	
0001 PSE&G - MERCER	8,304	12,154,949	1.717	10,432	4,885	3,651	2,808	1,215	912	6,050	4,885	3,651	2,808	3,655	2,816		

The MOU establishes Phase II and potential Phase III NOx limits.

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The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Final OTC NOx Baseline Inventory

New Jersey

Plant Level Emissions Data

08/10/95

Plant ID/Name	Design Capacity (10x6 Btu/hr)	Heat Input (10x6 Btu)	Emission Rate (lbs/10x6 Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				5-Month	55%	65%	75%	0.20	0.15	RACT		55%/0.2	65%/0.2	75%/0.15	Phase II
023 Middlesex Co															
0006 JCP&L - WERNER GE	3,970	618,773	0.575	178	80	62	44	62	46	98	80	68	50	82	71
0007 JCP&L - SAYREVILLE	6,600	3,889,339	0.450	875	394	306	219	388	292	434	421	389	292	387	312
0008 PSE&G - SEAWAREN	7,260	4,431,044	0.217	480	218	168	120	443	332	451	451	448	335	451	342
0023 CHEVRON U.S.A., INC.	257	171,450	0.700	60	27	21	15	17	13	24	27	21	15	21	15
0908 PSE&G - EDISON	9,720	81,128	0.878	36	18	12	9	8	6	18	18	12	9	16	16
029 Ocean Co															
0001 CIBA GEIGY CORPORATION	259	232,125	0.481	56	25	20	14	23	17	28	25	23	17	23	17
0007 AC ELEC CO - CEDAR STA	1,089	56,014	0.499	14	8	5	3	6	4	11	6	6	4	11	11
0255 JCP&L - FORKED RIVER	900	182,870	0.171	16	7	5	4	18	14	18	18	18	14	16	16
033 Salem Co															
0001 AC ELEC CO - DEEPWATER	5,131	5,688,320	0.695	1,977	889	692	494	589	427	1,078	890	713	515	711	519
0044 PSE&G - SALEM	340	8,491	0.900	4	2	1	1	1	1	2	2	1	1	2	2
039 Union Co															
0011 PSE&G - LINDEN	13,947	6,823,984	0.593	2,023	910	708	506	682	512	947	910	731	526	729	540
0052 BAYWAY REFINING COMPANY	655	1,490,000	0.594	443	199	155	111	149	112	209	199	155	112	155	112
State Total	139,986	97,648,670	0.909	44,360	19,962	15,526	11,090	9,785	7,324	18,744	21,112	17,118	12,354	14,973	12,111

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Final OTC NOx Baseline Inventory

New York

Plant Level Emissions Data

08/10/95

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				5-Month	65%	65%	75%	0.20	0.15	RACT	65%/0.2	65%/0.2	75%/0.15	Phase II	Phase III
001 Albany Co 0366 NIAGARA MOHAWK - ALBANY STATION	6,224	11,291,493	0.237	1,336	601	468	334	1,129	847	1,282	1,129	1,129	847	1,133	855
007 Broome Co 0292 NYSEG - GOODEY STATION	1,417	3,579,822	0.803	1,436	646	503	359	358	268	804	646	503	359	646	359
013 Chautauqua Co 0325 NIAGARA MOHAWK - DUNKIRK STATION 0340 S A CARLSON	5,376 677	16,314,138 1,332,500	0.518 0.828	4,222 552	1,900 248	1,478 183	1,058 138	1,631 133	1,224 100	3,422 397	1,900 248	1,631 193	1,224 138	1,900 348	1,224 310
017 Chenango Co 0063 NYSEG - JENNISON STATION	1,072	1,949,903	0.400	390	175	136	97	195	148	292	195	195	148	195	146
029 Erie Co 0133 YERKES ENERGY 0161 BETHEENERGY LACK COKE 0163 BSC BAR PRODUCTS DIV 1700 NIAGARA MOHAWK - C R HUNTER STEAM ST	432 422 580 7,084	1,307,014 140,818 336,872 20,808,353	0.463 0.545 0.545 0.920	302 38 92 9,569	136 17 41 4,306	106 13 32 3,349	76 10 23 2,392	131 14 34 2,081	98 11 25 1,581	131 14 34 7,343	136 17 41 4,306	131 14 34 3,371	98 11 25 2,446	131 14 34 4,306	131 11 25 2,446
031 Essex Co 0105 TICONDEROGA MILL	522	1,551,514	0.370	287	129	100	72	155	116	194	155	155	116	194	155
048 Jefferson Co 0255 FORT DRUM HTW COGEN	651	1,485,929	0.180	119	53	42	30	149	111	119	149	149	111	119	111
047 Kings Co CE01 CON ED - HUDSON AVE GEN STA GGEN CON ED - GOWANUS GEN NGEN CON ED - NARROWS GEN	8,149 9,568 4,752	4,416,502 218,049 544,029	0.358 0.740 0.423	791 81 115	356 38 52	277 28 40	198 20 29	442 22 54	331 18 41	552 44 108	442 36 54	442 28 54	331 20 41	442 44 109	332 44 109
055 Monroe Co 0258 KODAK PARK DIV 1152 RG&E - BEEBEE STATION 1752 RG&E - RUSSELL STATION	4,113 604 2,740	6,882,626 1,826,958 6,490,245	1.005 0.490 0.518	4,483 447 1,681	2,008 201 756	1,562 157 588	1,116 112 420	888 183 649	668 137 487	2,240 383 1,360	2,008 201 756	1,591 183 649	1,144 137 487	2,008 201 756	1,144 137 487
059 Nassau Co 3152 LILCO - E F BARRETT 4187 LILCO - GLENWOOD STATION 5705 TBG COGEN COGENERATI	7,430 3,302 324	12,601,665 5,922,543 1,745,896	0.305 0.226 0.309	1,921 668 269	865 301 121	672 234 94	480 167 67	1,260 592 175	945 444 131	1,639 661 227	1,274 594 175	1,260 592 175	945 444 131	1,349 601 227	1,059 455 227
061 New York Co CE01 CON ED - 59TH ST GEN STATION CE02 CON ED - 74TH ST GENERATING STATION	3,483 3,149	1,433,808 2,325,671	0.209 0.324	150 377	67 170	52 132	37 94	143 233	108 174	149 291	144 233	143 233	108 174	144 233	108 175

*The MOU establishes Phase II and potential Phase III NOx limits.**The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.**RACT (preliminary information provided by the States) is included in the Phase II and III calculations.**The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).*

Plant Level Emissions Data

New York

08/10/95

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				5-Month	55%	65%	75%	0.20	0.15	RACT	85%/0.2	65%/0.2	75%/0.15	Phase II	Phase III
061 New York Co															
CE04 CON ED - EAST RIVER GENERATING	5,198	8,543,672	0.324	1,385	623	485	348	854	641	1,052	854	854	641	854	841
CE05 CON ED - WATERSIDE GENERATING	15,656	8,773,767	0.127	556	250	195	139	877	658	556	877	877	658	556	520
063 Niagara Co															
0118 OCCIDENTAL CHEMICAL	787	49,929	0.139	3	2	1	1	5	4	3	5	5	4	3	3
0383 AMERICAN REF-FUEL NI	648	579,849	0.862	250	113	88	63	58	43	130	113	88	63	113	63
0430 NYSEG - KINTIGH (SOMERSET)	6,475	21,232,447	0.530	5,825	2,531	1,969	1,408	2,123	1,592	4,776	2,532	2,123	1,592	2,532	1,593
071 Orange Co															
0370 CEN. HUDSON - DANSKAMMER POINT	4,784	13,268,680	0.481	3,191	1,436	1,117	798	1,327	995	2,373	1,837	1,345	995	1,292	995
0475 CEN. HUDSON - ROSETON GENERATING S	10,794	24,629,582	0.431	5,302	2,386	1,856	1,326	2,463	1,847	3,077	2,463	2,463	1,847	2,483	1,847
075 Oswego Co															
0115 NIAGARA MOHAWK - OSWEGO GENERATING STA.	10,132	24,415,459	0.461	5,825	2,531	1,969	1,408	2,442	1,831	3,050	2,890	2,462	1,831	2,810	1,831
0211 OSWEGO ENERGY CO. - INDECK	533	569,202	0.182	52	23	18	13	57	43	49	57	57	43	49	49
081 Queens Co															
CE01 CON ED - ASTORIA GENERATING STATION	17,489	30,348,809	0.279	4,235	1,906	1,482	1,050	3,035	2,278	3,887	3,048	3,035	2,276	3,092	2,347
CE02 CON ED - RAVENSWOOD GENERATIN	23,055	35,154,587	0.329	5,786	2,604	2,025	1,447	3,515	2,637	4,214	3,517	3,515	2,637	3,554	2,684
CE03 CON ED - RAVENSWOOD -A- HOUSE	1,420	688,587	0.367	126	57	44	31	69	51	88	69	51	69	51	51
LILC LILCO - FAR ROCKAWAY STATION	1,060	2,821,589	0.261	368	168	129	92	282	212	353	282	282	212	282	212
PANY CHARLES POLETTI POWE	8,268	11,482,541	0.359	2,063	928	722	518	1,148	881	1,435	1,148	1,148	881	1,148	881
085 Richmond Co															
CE01 CON ED - ARTHUR KILL GENERATI	7,481	9,999,082	0.279	1,398	628	489	349	1,000	750	1,232	1,000	1,000	750	1,000	750
PG01 PORT IVORY PLANT	360	293,344	0.138	20	9	7	5	29	22	20	29	29	22	20	20
087 Rockland Co															
0228 BOWLINE POINT	10,920	25,373,679	0.259	3,284	1,478	1,150	821	2,537	1,903	3,040	2,537	2,537	1,903	2,537	1,903
0720 LOVET GENERATING STATION	4,722	9,594,709	0.770	3,695	1,663	1,293	924	959	720	2,018	1,675	1,330	955	1,330	955
091 Saratoga Co															
0145 HUDSON RIVER MILL	589	1,573,110	0.800	472	212	165	118	157	118	197	212	185	118	197	118
101 Steuben Co															
0110 NYSEG - HICKLING STATION	1,414	2,824,805	0.400	565	254	198	141	282	212	424	282	282	212	282	212
103 Suffolk Co															
1922 LILCO - NORTHPOR POWER STATION	13,681	32,394,318	0.300	4,857	2,185	1,700	1,214	3,239	2,430	4,048	3,239	3,239	2,430	3,239	2,430
2110 LILCO - HOLBROOK	7,380	865,660	0.850	388	166	129	92	87	65	173	166	129	92	173	173
3228 LILCO - PORT JEFFERSON PR ST	4,466	8,823,623	0.360	1,587	714	556	397	862	662	1,102	882	882	662	882	662
3537 LILCO - WADING RIVER	2,571	675,456	0.250	84	38	30	21	68	51	84	68	68	51	84	84

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The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Target Report - May-September Emissions
Plant Level Emissions Data

Final OTC NOx Baseline Inventory
New York

13

08/10/95

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				5-Month	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III	
103 Suffolk Co															
BRIC LILCO - BROOKHAVEN COM	677	2,441	0.598	1	0	0	0	0	0	0	0	0	0	0	0
EHIC LILCO - EAST HAMPTON I	274	55,785	0.750	21	9	7	5	6	4	11	9	7	5	11	11
SHIC LILCO - SOUTHOLD IC SI	223	4,581	0.549	1	1	0	0	0	1	1	0	0	0	1	1
WBIC LILCO - WEST BABYLON I	578	39,030	0.550	11	5	4	3	4	3	8	5	4	3	8	8
109 Tompkins Co															
0120 NYSEG - MILLIKEN STATION	3,001	9,480,781	0.670	3,179	1,430	1,113	795	849	712	1,993	1,430	1,113	795	1,430	795
119 Westchester Co															
Z504 CON ED - BUCHANAN	765	11,837	0.713	4	2	1	1	1	2	2	1	1	1	2	2
123 Yates Co															
0028 NYSEG - GREENIDGE STATION	1,877	3,713,457	0.573	1,064	479	372	266	371	279	785	479	396	294	479	294
State Total	239,523	394,796,337	0.428	84,484	38,018	29,570	21,121	39,480	29,610	61,667	40,381	42,384	31,486	45,628	32,164

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Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of				
				5-Month	65%	65%	75%	0.20	0.15	RACT		55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III
001 Adams Co																
0017 METROPOLITAN EDISON COMPANY	976	193,400	0.446	43	19	15	11	19	15	39	19	19	19	15	39	39
HAMI MET EDISON HAMILTON	150	18,716	0.588	8	2	2	1	2	1	4	2	2	2	1	4	4
ORTA MET EDISON ORTANNA	150	13,130	0.594	4	2	1	1	1	1	3	2	1	1	1	3	3
003 Allegheny Co																
0009 USX CORPORATION - EDGAR THOMSON WORKS	3,852	3,255,588	0.062	101	46	35	25	326	244	101	326	326	244	101	101	101
0011 USX CORPORATION - CLAIRTON WORKS	3,495	4,292,119	0.158	338	152	118	85	429	322	229	434	431	323	208	167	
0029 DUQUESNE LIGHT COMPANY, CHESWICK STATION	5,280	15,025,581	0.607	4,559	2,052	1,598	1,140	1,503	1,127	3,372	2,052	1,598	1,140	2,052	1,140	
0031 DUQUESNE LIGHT COMPANY, BRUNOT STATION	3,804	26,856	0.484	8	3	2	2	3	2	5	3	3	2	5	5	
0050 SHENANGO IRON & COKE WORKS	2,798	1,068,641	0.143	76	34	27	19	107	80	78	107	107	80	78	78	
005 Armstrong Co																
0001 WEST PENN POWER CO.	3,720	10,362,568	0.986	5,110	2,299	1,788	1,277	1,038	777	3,068	2,299	1,788	1,277	2,299	1,277	1,277
0012 PECO - KEYSTONE	15,160	47,807,134	0.754	18,018	8,108	6,308	4,504	4,781	3,586	11,100	8,108	6,308	4,504	8,108	4,504	
007 Beaver Co																
0005 PENN POWER CO. - BRUCE MANSFIELD	23,742	57,539,558	0.834	23,968	10,795	8,396	5,997	5,754	4,315	15,152	10,795	8,396	5,997	10,795	5,997	
0011 LTV STEEL COMPANY	300	358,938	0.540	97	44	34	24	38	27	58	44	38	27	44	27	
0032 ZINC CORPORATION OF AMERICA	1,200	2,549,403	0.803	1,024	481	358	256	255	191	615	481	358	256	461	256	
0042 AES BEAVER VALLEY PARTNERS, INC.	1,377	4,834,651	0.834	2,016	907	708	504	483	363	1,210	907	708	504	907	504	
011 Berks Co																
0045 METROPOLITAN EDISON CO. - TITUS	2,835	5,309,156	0.659	1,749	787	612	437	531	398	1,190	787	613	438	617	442	
013 Blair Co																
0009 PECO - WILLIAMSBURG	388	200,874	0.867	87	39	30	22	20	15	52	39	30	22	39	22	
017 Bucks Co																
0008 PHILADELPHIA ELECTRIC CO. - CROYDEN	4,498	605,848	0.703	213	98	75	53	81	45	128	98	75	53	128	128	
0055 UNITED STATES STEEL CORP., THE	1,578	2,431,745	0.262	318	143	111	80	243	182	249	243	243	182	243	182	
029 Chester Co																
0023 PHILADELPHIA ELECTRIC CO. - CROMBY	3,191	2,917,890	0.588	858	388	300	214	292	219	536	433	384	285	384	285	
033 Clearfield Co																
0021 PECO - SHAWVILLE	6,700	15,619,223	1.029	8,037	3,617	2,813	2,009	1,582	1,171	4,827	3,817	2,813	2,009	3,817	2,009	
035 Clinton Co																
0008 INTERNATIONAL PAPER COMPANY	512	2,439,581	0.548	868	301	234	167	244	183	401	301	244	163	301	163	
041 Cumberland Co																
0045 METROPOLITAN EDISON COMPANY	652	102,145	0.446	23	10	8	6	10	8	20	10	10	8	20	20	

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The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Final OTC NOx Baseline Inventory

Pennsylvania

Plant Level Emissions Data

08/10/95

Plant ID/Name	Design Capacity (10x6 Btu/hr)	Heat Input (10x6 Btu)	Emission Rate (lbs/10x6 Btu)	5-Month	NOx Emissions (Tons/May-Sept.)						Maximum of				
					65%	65%	75%	0.20	0.15	RACT	65%/0.2	65%/0.2	75%/0.15	Phase II	Phase III
043 Dauphin Co															
0013 HARRISBURG STEAM WORKS LTD.	209	21,939	0.137	2	1	1	0	2	2	2	2	2	2	2	2
045 Delaware Co															
0014 PHILADELPHIA ELECTRIC CO. - EDDYSTONE	14,280	13,489,536	0.462	3,119	1,403	1,091	780	1,349	1,012	2,470	1,550	1,349	1,012	1,353	1,017
0016 SCOTT PAPER CO.	1,076	1,923,280	0.138	133	80	48	33	192	144	105	197	192	144	90	83
0030 BP OIL, INC.	700	867,254	0.435	189	85	66	47	87	65	113	91	87	65	87	65
0049 CONGOLEUM CORP.	300	4,386	0.547	1	1	0	0	0	0	1	1	0	0	0	0
047 Elk Co															
0005 PENNTECH PAPERS, INC.	500	1,174,460	0.830	467	219	171	122	117	88	292	219	171	122	218	122
049 Erie Co															
0004 INTERNATIONAL PAPER CO.	953	584,258	0.570	166	75	58	42	58	44	100	75	59	44	75	44
0009 GENERAL ELECTRIC CO.	676	932,588	0.898	418	188	146	104	93	70	251	188	146	104	188	104
0016 PECO - FRONT STREET	1,626	2,145,761	0.585	628	283	220	157	215	161	487	283	220	164	288	177
059 Greene Co															
0006 WEST PENN POWER CO. - HATFIELD'S FERRY	15,102	38,348,453	1.041	19,955	8,980	6,984	4,989	3,835	2,876	11,973	8,980	6,984	4,989	8,980	4,989
063 Indiana Co															
0001 PECO - CONEMAUGH	15,600	45,673,710	0.760	17,356	7,810	6,074	4,339	4,567	3,426	10,418	7,810	6,074	4,339	7,810	4,339
0002 PECO - SEWARD	1,981	5,813,593	0.768	2,228	1,003	780	557	581	436	1,343	1,003	780	557	1,003	557
0003 PECO - HOMER CITY	18,448	48,658,492	0.938	22,815	10,267	7,985	5,704	4,868	3,849	15,092	10,267	7,985	5,704	10,267	5,704
069 Lackawanna Co															
0022 ARCHAIBALD POWER CORPORATION	249	206,698	0.245	25	11	9	6	21	16	25	21	21	16	25	25
071 Lancaster Co															
0054 PP&L - HOLTWOOD	986	3,559,318	1.053	1,870	842	655	468	355	288	1,122	842	655	468	842	468
073 Lawrence Co															
0025 PENN POWER CO. - NEW CASTLE	4,518	6,920,832	0.905	3,133	1,410	1,098	783	692	519	1,880	1,410	1,098	783	1,410	783
079 Luzerne Co															
0014 UGI CORP. - HUNLOCK POWER	553	1,821,127	0.947	863	388	302	216	182	137	518	388	302	216	388	216
089 Monroe Co															
SHAW MET EDISON SHAWNEE	150	15,285	0.589	5	2	2	1	2	1	3	2	2	1	3	3
093 Montour Co															
0003 PP&L - MONTOUR	15,094	43,237,237	0.889	18,219	8,649	6,727	4,805	4,324	3,243	11,535	8,653	6,732	4,809	8,652	4,809

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.

RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)							Maximum of				
				5-Month	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III	
095 Northampton Co															
0010 PP&L - MARTINS CREEK	21,038	17,591,663	0.664	5,844	2,630	2,045	1,461	1,759	1,319	3,518	2,709	2,252	1,650	2,634	1,598
0011 MET EDISON CO. - PORTLAND	4,239	8,222,634	0.633	2,601	1,171	910	650	622	617	1,835	1,171	911	654	1,171	654
0048 BETHLEHEM STEEL CORP.	1,313	3,227,592	0.235	379	170	133	95	323	242	287	323	323	242	287	242
097 Northumberland Co															
0031 FOSTER WHEELER MT. CARMEL	624	584,039	0.095	28	12	10	7	58	44	28	58	58	44	28	28
101 Philadelphia Co															
1501 SUN REFINING AND MARKETING 1 OF 2	1,208	2,529,583	0.427	540	243	189	135	253	190	324	253	253	190	253	190
1551 ALLIED CHEMICAL CORP	987	781,549	0.484	189	85	66	47	78	59	113	85	79	59	79	59
1568 CONTAINER CORP OF AMER	273	4,344,433	0.097	211	95	74	53	434	326	208	434	434	326	208	208
4901 PECO ENERGY - DELAWARE	3,847	2,026,940	0.450	458	205	160	114	203	152	304	205	205	152	207	157
4902 PHILA THERMAL - SANSOM	1,238	881,154	0.447	197	89	69	49	88	68	132	89	88	68	88	68
4903 PHILA ELECTRIC CO	1,498	273,830	0.600	82	37	29	21	27	21	55	37	29	21	55	55
4904 PECO ENERGY - SCHUYLKILL	1,980	1,471,154	0.282	208	93	73	52	147	110	148	148	147	110	148	112
4942 PHILA THERMAL - SOHUYLKILL	2,301	987,491	0.322	159	72	56	40	98	74	111	99	99	74	99	74
9702 U.S. NAVAL BASE	701	16,254	0.143	1	1	0	0	2	1	1	2	2	1	1	1
107 Schuylkill Co															
0022 WHEELABRATOR FRACKVILLE ENERGY COMPANY	504	1,603,100	0.136	109	49	38	27	160	120	109	160	160	120	109	109
0023 WESTWOOD ENERGY PROPERTIES, INCORPORAT	423	1,287,032	2.250	1,448	652	507	362	129	97	869	652	507	362	652	362
0024 SCHUYLKILL ENERGY RESOURCES, INC.	1,184	2,912,745	0.121	178	79	62	44	291	218	178	291	291	218	178	178
0025 GILBERTON POWER COMPANY	1,040	2,878,086	0.130	168	84	66	47	268	216	188	288	288	216	188	188
109 Snyder Co															
0002 PP&L - SUNBURY	5,870	14,602,445	0.852	6,222	2,800	2,178	1,556	1,460	1,095	3,774	2,800	2,178	1,556	2,803	1,581
123 Warren Co															
0004 PECO - WARREN	1,024	2,284,743	0.619	707	318	248	177	228	171	570	318	248	177	318	177
125 Washington Co															
0014 WEST PENN POWER CO. - MITCHELL	2,548	5,968,482	0.723	2,157	871	755	539	597	448	1,493	971	755	539	971	539
0024 DUQUESNE LIGHT CO. - ELRAMA	5,184	7,119,478	0.682	3,138	1,412	1,098	785	712	534	1,883	1,412	1,098	785	1,412	785
129 Westmoreland Co															
0007 MONESSEN INC.	830	587,980	0.149	44	20	15	11	59	44	44	59	59	44	44	44
131 Wyoming Co															
0009 PROCTER & GAMBLE PAPER PRODUCTS CO.	575	1,654,800	0.684	568	255	198	141	165	124	340	255	198	141	255	141
133 York Co															
0016 GLATFELTER, P. H. CO.	1,491	3,745,732	0.471	882	397	309	220	375	281	570	493	434	318	481	318

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC. RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Target Report - May-September Emissions
Plant Level Emissions Data

Final OTC NOx Baseline Inventory
Pennsylvania

17

08/10/95

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				8-Month	55%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III
133 York Co 0020 PP&L - BRUNNER ISLAND TOLN MET EDISON TOLNA	14,215 300	39,536,884 39,798	0.685 0.588	13,149 12	5,917 5	4,602 4	3,287 3	3,954 4	2,985 3	8,875 8	5,917 5	4,602 4	3,287 3	5,917 8	3,287 8
State Total	255,942	519,522,699	0.769	199,639	69,638	69,674	49,910	51,952	38,904	126,119	92,306	73,026	52,426	90,700	51,994

The MOU establishes Phase II and potential Phase III NOx limits.

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RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Final OTC NOx Baseline Inventory

Rhode Island

Plant Level Emissions Data

08/10/95

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				5-Month	65%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III
007 Providence Co															
0037 NARRAGANSETT ELECTRIC_SOUTH STR. STATION	1,340	2,094,867	0.526	551	248	193	138	209	157	213	248	209	157	209	157
0039 NARRAGANSETT ELECTRIC	1,638	2,066,478	0.530	548	246	192	137	207	155	208	246	207	155	207	155
State Total	2,978	4,161,143	0.528	1,099	495	385	275	416	312	421	495	416	312	416	312

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.

RAFT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

**Target Report - May-September Emissions
Plant Level Emissions Data**

**Final OTC NOx Baseline Inventory
Vermont**

19

08/10/95

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)					RACT	Maximum of			Phase II	Phase III	
				5-Month	55%	65%	75%	0.20		55%/0.2	65%/0.2	75%/0.15			
007 Chittenden Co 0043 BURLINGTON ELECTRIC	842	521,640	0.115	30	14	11	8	52	39	30	52	52	39	30	30
State Total	842	521,640	0.115	30	14	11	8	52	39	30	52	52	39	30	30

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC.
RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

Final OTC NOx Baseline Inventory

Virginia

Plant ID/Name	Design Capacity (10 ⁶ Btu/hr)	Heat Input (10 ⁶ Btu)	Emission Rate (lbs/10 ⁶ Btu)	NOx Emissions (Tons/May-Sept.)								Maximum of			
				5-Month	55%	65%	75%	0.20	0.15	RACT	55%/0.2	65%/0.2	75%/0.15	Phase II	Phase III
153 Prince William Co 0002 VIRGINIA POWER	15,011	10,994,332	0.458	2,520	1,134	882	630	1,099	825	1,813	1,295	1,106	826	1,128	851
510 Alexandria 0003 PEPCO	4,823	11,073,011	0.592	3,279	1,475	1,147	820	1,107	830	2,098	1,475	1,178	850	1,176	850
State Total	19,834	22,067,343	0.526	5,799	2,610	2,030	1,450	2,207	1,655	3,910	2,771	2,282	1,676	2,304	1,702

The MOU establishes Phase II and potential Phase III NOx limits.

The methodology for applying these limits, including how RACT should be incorporated, is currently being considered by the OTC. RACT (preliminary information provided by the States) is included in the Phase II and III calculations.

The budget calculation also incorporates consideration for exceptional circumstances and the 10,000 ton reserve (Phase II only).

APPENDIX B
FINAL 1990 OTC NO_x BASELINE INVENTORY:
FIVE MONTH DATA

Final OTC NOx Baseline Inventory

Connecticut

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)			
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III	
001 Fairfield Co - Inner Zone - Severe															
		0195 UNITED ILLUMINATING - BRIDGEPORT HARBOR													
Affected	160	10100401 Residual Oil	800	0.399 2	10,117.8	1000 Gal	151.07	1,528,496	67.0	Sing Stk Rep Cond	338.9	0.444	191.1	152.9	114.6
Affected	162	10100401 Residual Oil	1,700	0.504 2	22,187.6	1000 Gal	151.08	3,349,081	67.0	Sing Stk Rep Cond	742.8	0.443	418.6	334.9	251.2
Baseline	166	20100901 Kerosene/Naphtha	257	0.489 3	13.2	1000 Gal	135.00	1,782	67.8	AP-42	0.4	0.502	0.3	0.3	0.3
P89			4,100								3,068.3	0.559	2,082.2	1,096.0	822.0
Affected		10100212 Bituminous Coal		0.432 2	413,900.0	Tons	28.47	10,955,933	14.8	1990 5 Mo. CEMS	3,067.7				
Affected		10100404 Residual Oil		0.430 3	29.4	1000 Gal	150.98	4,439	42.0	AP-42	0.6				
3417 CONN LIGHT & POWER CO - GREENWICH															
Baseline	052	20100901 Kerosene/Naphtha	255	0.707 1	60.0	1000 Gal	134.70	8,082	111.7	Sing Stk Rep Cond	3.4	0.829	4.1	4.1	4.1
Baseline	053	20100901 Kerosene/Naphtha	255	0.569 1	27.5	1000 Gal	133.70	3,877	110.8	Sing Stk Rep Cond	1.5	0.829	0.9	0.9	0.9
Baseline	054	20100901 Kerosene/Naphtha	255	0.570 1	34.8	1000 Gal	133.70	4,853	110.9	Sing Stk Rep Cond	1.9	0.829	1.2	1.2	1.2
4214 CONN LIGHT & POWER CO - NORWALK															
	028		1,467												
Affected		10100404 Residual Oil		0.433 2	22,012.2	1000 Gal	151.37	3,331,987	45.4	State Factor	499.8				
Affected		10100501 Distillate Oil		0.420 3	156.7	1000 Gal	140.00	21,938	20.0	AP-42	1.8				
	030		1,467												
Affected		10100404 Residual Oil		0.418 2	24,255.0	1000 Gal	151.41	3,672,450	45.4	State Factor	552.2	0.299	460.4	369.1	276.9
Affected		10100501 Distillate Oil		0.420 3	135.2	1000 Gal	140.00	18,928	20.0	AP-42	1.4				
003 Hartford Co - Inner Zone - Serious															
		1510 PRATT & WHITNEY AIRC													
Affected	163	10200401 Residual Oil	268	0.417 3	35.0	1000 Gal	150.00	5,250	55.0	AP-42	1.0	0.367	24.1	19.3	14.5
Affected	184	10200401 Residual Oil	268	0.417 3	601.7	1000 Gal	150.00	90,255	55.0	AP-42	16.5	0.367	11.3	9.0	6.8
Affected	166	10200401 Residual Oil	268	0.417 3	339.9	1000 Gal	150.00	50,985	55.0	AP-42	9.3	0.367	6.4	5.1	3.8
Affected	167	10200401 Residual Oil	408	0.417 3	178.1	1000 Gal	150.00	28,715	55.0	AP-42	4.9	0.367	3.3	2.7	2.0
Affected	168	10200401 Residual Oil	408	0.417 3	131.4	1000 Gal	150.00	19,710	55.0	AP-42	3.6	0.367	2.5	2.0	1.5
3058 CONN LIGHT & POWER CO - SOUTH MEADOW															
Baseline	260	20100901 Kerosene/Naphtha	324	0.773 1	92.0	1000 Gal	133.60	12,291	110.8	Sing Stk Rep Cond	5.1	0.829	16.1	16.1	16.1
Baseline	261	20100901 Kerosene/Naphtha	324	0.773 1	92.0	1000 Gal	133.60	12,291	110.8	Sing Stk Rep Cond	5.1	0.829	3.1	3.1	3.1
Baseline	262	20100901 Kerosene/Naphtha	324	0.618 1	31.5	1000 Gal	133.60	4,208	110.7	Sing Stk Rep Cond	1.7	0.829	1.0	1.0	1.0
Baseline	263	20100901 Kerosene/Naphtha	324	0.618 1	31.5	1000 Gal	133.60	4,208	110.7	Sing Stk Rep Cond	1.7	0.829	1.0	1.0	1.0
Baseline	264	20100901 Kerosene/Naphtha	324	0.844 1	60.8	1000 Gal	133.00	8,086	110.3	Sing Stk Rep Cond	3.4	0.829	2.0	2.0	2.0
Baseline	265	20100901 Kerosene/Naphtha	324	0.844 1	60.8	1000 Gal	133.00	8,086	110.3	Sing Stk Rep Cond	3.4	0.829	2.0	2.0	2.0
Baseline	266	20100901 Kerosene/Naphtha	324	0.781 1	57.8	1000 Gal	133.40	7,711	110.8	Sing Stk Rep Cond	3.2	0.829	1.9	1.9	1.9
Baseline	267	20100901 Kerosene/Naphtha	324	0.781 1	57.8	1000 Gal	133.40	7,711	110.8	Sing Stk Rep Cond	3.2	0.829	1.9	1.9	1.9
3666 CAPITOL DISTRICT ENERGY CENTER															
	P64		717												
Baseline		20300102 Distillate Oil		0.417 3	890.3	1000 Gal	140.00	124,642	33.8	State Factor	15.0				
Baseline		20300202 Natural Gas		0.417 3	1,336.5	10x6 Cu Ft	1,000.00	1,336,500	149.0	State Factor	99.6				
											114.6	0.157	114.6	114.6	114.6
											114.6	0.157	114.6	114.6	114.6

Final OTC NOx Baseline Inventory

Point-Segment Level Data

06/26/95

Connecticut

Affected Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fcc/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
									Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III

003 Hartford Co - Inner Zone - Serious

8601	DEXTER NONWOVENS DIV	P29	555	0.633 3	407.7 1000 Gal	140.00	57,078	34.5 State Factor	40.0	132.3 132.3	0.152 0.152	131.0 131.0	131.0 131.0
Baseline	20200103	Distillate Oil		0.633 3	1,681.9 10x6 Cu Ft	1,000.00	1,681,900	149.0 State Factor	40.0	125.3			

005 Litchfield Co - Inner Zone - Serious

1424	CONN LIGHT & POWER CO - FRANKLIN DR									2.9	0.602	1.7	1.7
Baseline	067	20100901	Kerosene/Naphtha	230	0.745 1	71.5 1000 Gal	133.50	9,545	80.4 Sing Stk Rep Cond	2.9	0.602	1.7	1.7

1443 CONN LIGHT & POWER CO - TORRINGTON TERM

Baseline	068	20100901	Kerosene/Naphtha	230	0.636 1	24.8 1000 Gal	133.10	3,301	80.2 Sing Stk Rep Cond	1.0	0.602	0.6	0.6
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007 Middlesex Co - Inner Zone - Serious

0874	CONN LIGHT & POWER CO - MIDDLETOWN	096	769							2,178.7 89.6	0.664 0.448	820.1 50.1	753.5 40.1	626.9 30.1
Affected	10100401	Residual Oil		0.518 2	2,671.2 1000 Gal	149.69	399,852	67.0 AP-42		89.6				
Affected	10100501	Distillate Oil		0.380 3	6.8 1000 Gal	140.00	952	20.0 AP-42		0.1				
	098		1,143							238.3	0.448	133.2	106.7	80.0
Affected	10100401	Residual Oil		0.348 2	7,110.6 1000 Gal	149.78	1,065,026	67.0 AP-42		238.2				
Affected	10100501	Distillate Oil		0.333 3	11.0 1000 Gal	140.00	1,540	20.0 AP-42		0.1				
	100		2,014							1,635.2	0.876	466.7	466.7	406.8
Affected	10100401	Residual Oil		0.487 2	24,948.0 1000 Gal	149.64	3,733,219	131.1 Sing Stk Rep Cond		1,635.2				
Affected	10100501	Distillate Oil		0.370 3	1.1 1000 Gal	140.00	154	20.0 AP-42		0.0				
Baseline	102	20100901	Kerosene/Naphtha	230	0.434 1	13.7 1000 Gal	133.60	1,830	80.4 Sing Stk Rep Cond	0.6	0.602	0.3	0.3	0.3
Baseline	P02	10100401	Residual Oil	160	0.423 3	1,039.3 1000 Gal	150.00	155,895	67.0 AP-42	34.8	0.447	19.5	19.5	19.5
	P03		4,331							180.3	0.300	150.3	120.3	90.2
Affected	10100404	Residual Oil		0.290 2	8,047.2 1000 Gal	149.27	1,201,206	44.8 Sing Stk Rep Cond		180.2				
Affected	10100501	Distillate Oil		0.383 3	13.8 1000 Gal	140.00	1,932	20.0 AP-42	0.1					

009 New Haven Co - Inner Zone - Serious

0404	CONN LIGHT & POWER CO - BRANFORD	008	270	0.585 1	35.1 1000 Gal	134.70	4,728	81.1 Sing Stk Rep Cond	1.4	0.602	0.9	0.9	0.9
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2514	CONN LIGHT & POWER CO - DEVON	039	223	0.353 3	710.9 1000 Gal	150.00	106,635	45.0 State Factor	945.7	0.300	788.7	632.9	478.1	
Affected	042	10100401	Residual Oil	888	0.425 2	4,452.0 1000 Gal	151.21	673,187	45.4 State Factor	16.0	0.300	13.3	13.3	13.3
	044		266							101.0	0.300	84.1	67.3	50.5
Affected	10100401	Residual Oil		0.481 2	1,083.6 1000 Gal	151.19	163,829	67.0 AP-42	36.3	0.442	20.5	16.4	12.3	
Affected	10100501	Distillate Oil		0.360 3	3.2 1000 Gal	140.00	448	20.0 AP-42	0.0					
	045		266							36.3	0.442	20.5	16.4	12.3
Affected	10100401	Residual Oil		0.481 2	1,083.6 1000 Gal	151.19	163,829	67.0 AP-42	36.3					
Affected	10100501	Distillate Oil		0.360 3	3.2 1000 Gal	140.00	448	20.0 AP-42	0.0					
	048		266							35.6	0.442	20.1	16.1	12.1
Affected	10100401	Residual Oil		0.409 2	1,062.6 1000 Gal	151.24	160,708	67.0 AP-42	35.6					

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)										
										Five Month	Emission Rate (lbs/10x6 Btu)	HACT	Phase II	Phase III								
009 New Haven Co - Inner Zone - Serious																						
2514 CONN LIGHT & POWER CO - DEVON																						
Affected	048	10100501 Distillate Oil	266	0.353 3	3.5	1000 Gal	140.00	490	20.0 AP-42		945.7	0.300	786.7	632.9	478.1							
Affected	049	10100401 Residual Oil	266	0.409 2	1,062.6	1000 Gal	151.24	160,708	67.0 AP-42		35.6	0.442	20.1	16.1	12.1							
Affected	10100501 Distillate Oil			0.353 3	3.5	1000 Gal	140.00	490	20.0 AP-42		0.0											
Affected	052	10100401 Residual Oil	877	0.452 2	4,699.8	1000 Gal	151.23	710,751	45.4 State Factor		35.6	0.442	20.1	16.1	12.1							
Affected	055	10100404 Residual Oil	1,139				151.24	2,308,346	42.2 Sing Stk Rep Cond		106.6	0.300	88.8	71.1	53.3							
Affected	10100501 Distillate Oil			0.410 3	66.0	1000 Gal	140.00	9,240	20.0 AP-42		322.7	0.278	289.2	231.8	173.8							
Affected	058	10100404 Residual Oil	1,139				151.24	1,832,454	42.0 AP-42		255.0	0.277	229.6	184.0	138.0							
Affected	10100501 Distillate Oil			0.416 2	12,117.0	1000 Gal	151.23	7,816	20.0 AP-42		254.5											
Affected	10100404 Residual Oil			0.360 3	54.4	1000 Gal	140.00	2,213	60.4 Sing Stk Rep Cond		0.5	0.453	0.3	0.3	0.3							
Baseline	P26	20100901 Kerosene/Naphtha	266	0.527 1	16.6	1000 Gal	133.30															
3346 UNITED ILLUMINATING CO - ENGLISH																						
Affected	142	10100401 Residual Oil	385	0.563 2	373.8	1000 Gal	151.70	58,705	40.0 Sing Stk Rep Cond		18.9	0.263	18.0	14.4	10.8							
Affected	10100501 Distillate Oil			0.360 3	1.8	1000 Gal	140.00	252	20.0 AP-42		7.5	0.264	7.1	5.7	4.3							
Affected	144	10100401 Residual Oil	394	0.589 2	571.2	1000 Gal	151.74	86,674	40.0 Sing Stk Rep Cond		11.4	0.264	10.9	8.7	6.5							
Affected	10100501 Distillate Oil			0.367 3	2.2	1000 Gal	140.00	308	20.0 AP-42		11.4											
Affected	10100404 Residual Oil			0.349 3	49,375.2	1000 Gal	151.45	7,477,874	42.0 AP-42		1,308.5	0.275	1,138.8	952.0	714.0							
Affected	10100501 Distillate Oil			0.407 3	35.8	1000 Gal	140.00	5,012	20.0 AP-42		1,308.5	0.276	1,138.8	952.0	714.0							
Affected	10100604 Natural Gas			0.675 3	1,972.5	10x6 Cu Ft	1,032.75	2,037,099	275.0 AP-42		271.2											
3851 UNITED ILLUMINATING CO - NEW HAVEN HARBO																						
Affected	F31	10100401 Residual Oil	4,286	0.349 3	49,375.2	1000 Gal	151.45	7,477,874	42.0 AP-42		1,038.9											
Affected	10100501 Distillate Oil			0.407 3	35.8	1000 Gal	140.00	5,012	20.0 AP-42		0.4											
Affected	10100604 Natural Gas			0.675 3	1,972.5	10x6 Cu Ft	1,032.75	2,037,099	275.0 AP-42		271.2											
011 New London Co - Inner Zone - Serious																						
0604 PFIZER INC-CHEMICALS																						
Affected	012	10200401 Residual Oil	393	0.370 3	4,880.3	1000 Gal	150.00	732,045	55.0 AP-42		217.5	0.387	148.3	118.6	89.0							
Affected	P01	10200401 Residual Oil	271	0.413 3	3,028.5	1000 Gal	150.00	454,275	55.0 AP-42		134.2	0.367	91.5	73.2	54.9							
Affected	10100404 Residual Oil			0.675 3	1,972.5	10x6 Cu Ft	1,032.75	2,037,099	275.0 AP-42		83.3	0.367	56.8	45.4	34.1							
1505 CONN LIGHT & POWER CO - MONTVILLE																						
Affected	013	10100401 Residual Oil	166	0.377 3	628.5	1000 Gal	150.00	94,275	67.0 AP-42		727.1	0.292	588.8	500.5	378.4							
Affected	10100501 Distillate Oil			0.377 3	12.1	1000 Gal	140.00	1,694	20.0 AP-42		21.1											
Affected	014	10100401 Residual Oil	166	0.377 3	12.8	1000 Gal	150.00	1,920	67.0 AP-42		0.1											
Affected	10100501 Distillate Oil			0.377 3	0.4	1000 Gal	140.00	56	20.0 AP-42		0.4	0.439	0.2	0.2	0.2							
Affected	017	10100404 Residual Oil	905	0.233 2	2,625.0	1000 Gal	151.35	397,294	42.0 AP-42		233.5	0.272	183.3	173.4	130.0							
Affected	10100604 Natural Gas			0.675 2	1,297.4	10x6 Cu Ft	1,030.00	1,336,322	275.0 AP-42		178.4											
Affected	020	10100404 Residual Oil	4,059	0.390 2	20,785.8	1000 Gal	151.23	3,143,437	45.4 State Factor		472.0	0.300	393.4	315.0	236.2							
Affected	10100604 Natural Gas			0.675 2	1,297.4	10x6 Cu Ft	1,030.00	1,336,322	275.0 AP-42		471.5											

Final OTC NOx Baseline Inventory Connecticut

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III
011 New London Co - Inner Zone - Serious														
										727.1	0.292	588.8	500.5	378.4
										472.0	0.300	393.4	315.0	236.2
Affected	1505 CONN LIGHT & POWER CO - MONTVILLE 020	10100501 Distillate Oil	4,059	0.423 3	43.6 1000 Gal	140.00	6,104	20.0 AP-42		0.4				
Affected	1544 A E S THAMES INC P10	10100217 Bituminous Coal 10100501 Distillate Oil	923	0.417 3 0.417 3	104,227.5 Tons 75.5 1000 Gal	26.00 140.00	2,709,915 10,570	1.6 1990 5 Mo. CEMS 6.4 1990 5 Mo. CEMS		183.1 81.5	0.060 0.060	183.1 81.5	183.1 81.5	183.1 81.5
Affected	P11	10100217 Bituminous Coal 10100501 Distillate Oil	923	0.417 3 0.417 3	104,227.5 Tons 75.5 1000 Gal	26.00 140.00	2,709,915 10,570	1.6 1990 5 Mo. CEMS 6.4 1990 5 Mo. CEMS		81.5 0.2	0.060 0.2	81.5 81.5	81.5 81.5	81.5 81.5
Baseline	2405 NORWICH PUBLIC UTIL - SO. GOLDEN ST 001	20100101 Distillate Oil	184	0.685 1	73.0 1000 Gal	139.40	10,176	97.7 AP-42		3.6 3.6	0.701 0.701	2.1 2.1	2.1 2.1	2.1 2.1
Baseline	2901 CONN LIGHT & POWER CO - TUNNEL 001	20100901 Kerosene/Naphtha	230	0.463 1	14.8 1000 Gal	133.70	1,979	80.5 Sing Stk Rep Cond		0.6 0.6	0.602 0.602	0.4 0.4	0.4 0.4	0.4 0.4
Affected	3102 FEDERAL PAPER BOARD CO 003	10200401 Residual Oil	275	0.417 3	5,063.2 1000 Gal	150.00	759,480	45.0 State Factor		113.9 113.9	0.300 0.300	94.9 94.9	75.9 75.9	57.0 57.0
Baseline	3803 CONN LIGHT & POWER CO 007	20100901 Kerosene/Naphtha	185	0.417 3	7.5 1000 Gal	135.00	1,013	67.8 AP-42		0.3 0.3	0.501 0.501	0.2 0.2	0.2 0.2	0.2 0.2

Final OTC NOx Baseline Inventory

Delaware

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)	
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III

001 Kent Co - Inner Zone - Severe**0002 DOVER ELECTRIC, MCKEE RUN**

	001		203							559.7	0.467	410.6	272.7	226.7				
Baseline		10100601	Natural Gas		0.505	2	333.2	10x6 Cu Ft	1,033.83	344,472	550.0	AP-42	91.6	0.524	55.0	55.0	55.0	
Baseline	002			203							91.6							
Baseline		10100601	Natural Gas		0.894	2	204.9	10x6 Cu Ft	1,033.39	211,742	550.0	AP-42	56.3	0.505	33.8	33.8	33.8	
Affected				1,041							56.3							
Affected		10100401	Residual Oil		0.803	2	11,382.0	1000 Gal	151.52	1,724,601	67.0	AP-42	411.7	0.447	321.8	183.9	137.9	
Affected		10100601	Natural Gas		0.636	2	110.5	10x6 Cu Ft	1,033.94	114,250	550.0	AP-42	381.3					
											30.4							

003 New Castle Co - Inner Zone - Severe**0005 DELMARVA POWER, DELAWARE CITY**

	001		737							229.5	0.492	117.0	93.7	70.4				
Affected		10100401	Residual Oil		0.172	2	155.4	1000 Gal	150.28	23,354	67.0	AP-42	5.2					
Affected		10100701	Process Gas		0.504	2	813.7	10x6 Cu Ft	1,116.33	908,358	550.0	AP-42	223.8					
Baseline	002	20100101	Distillate Oil	196	0.340	3	11.8	1000 Gal	139.00	1,612	97.7	AP-42	0.6	0.703	0.6	0.6	0.6	

0006 DELMARVA POWER, WEST SUBSTATION

Baseline	001	20100101	Distillate Oil	246	0.340	3	44.3	1000 Gal	137.80	6,105	97.7	AP-42	2.2	0.709	2.2	2.2	2.2
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0007 DELMARVA POWER, EDGE MOOR

	001	20100101	Distillate Oil	210	0.237	3	13.3	1000 Gal	138.00	1,835	97.7	AP-42	3,022.0	0.500	2,312.0	1,208.1	906.3	
	002			983							0.7		655.8	0.708	0.7	0.7	0.7	
Affected		10100212	Bituminous Coal		0.445	2	90,800.0	Tons	26.35	2,392,580	14.4	AP-42	653.8					
Affected		10100404	Residual Oil		0.440	3	80.1	1000 Gal	151.00	12,095	42.0	AP-42	1.7					
Affected		10100501	Distillate Oil		0.440	3	37.4	1000 Gal	138.00	5,161	20.0	AP-42	0.4					
	003			1,793							928.7			0.545	516.0	345.1	258.8	
Affected		10100212	Bituminous Coal		0.411	2	126,900.0	Tons	26.32	3,340,008	14.4	AP-42	913.7					
Affected		10100404	Residual Oil		0.443	3	693.3	1000 Gal	151.00	104,688	42.0	AP-42	14.6					
Affected		10100501	Distillate Oil		0.443	3	47.0	1000 Gal	138.00	6,486	20.0	AP-42	0.5					
	004			4,551							1,436.8			0.463	1,147.3	621.4	466.0	
Affected		10100401	Residual Oil		0.529	2	31,722.6	1000 Gal	150.97	4,789,161	67.0	AP-42	1,062.7					
Affected		10100501	Distillate Oil		0.550	3	148.5	1000 Gal	138.00	20,493	20.0	AP-42	1.5					
Affected		10100601	Natural Gas		0.540	2	1,355.1	10x6 Cu Ft	1,036.30	1,404,290	550.0	AP-42	372.7					

0016 STAR ENTERPRISE,DELAWARE CITY PLANT

	006		396								2,109.0	0.437	1,415.3	907.0	719.2			
Affected		30800108	Process Gas		0.417	3	0.0	10x6 Cu Ft	1,106.00	600,647	140.0	AP-42	56.1	0.164	54.3	54.3	51.2	
Affected		30800111	Oil		0.417	3	0.0	1000 Gal	151.00	81,731	67.0	AP-42	37.9					
Affected	019	30800108	Process Gas	287	0.437	3	0.0	10x6 Cu Ft	1,108.00	318,601	140.0	AP-42	18.1					
Affected	034	30800108	Process Gas	338	0.423	3	0.0	10x6 Cu Ft	1,108.00	1,100,470	140.0	AP-42	20.1	0.126	20.1	20.1	20.1	
	068			618							69.5		69.5	69.5	69.5			
Affected		10100401	Residual Oil		0.427	3	0.0	1000 Gal	151.00	38,815	67.0	AP-42	8.8					
Affected		10100701	Process Gas		0.427	3	0.0	10x6 Cu Ft	1,108.00	571,524	550.0	AP-42	141.8					
Affected		10100801	Coke		0.427	3	0.0	Tons	29.00	1,209,794	21.0	AP-42	438.0					
	069			618							647.4		647.4	440.5	226.6	161.8		
Affected		10100401	Residual Oil		0.430	3	0.0	1000 Gal	151.00	42,659	67.0	AP-42	9.5					

Final OTC NOx Baseline Inventory

Point-Segment Level Data

Delaware

06/26/95

Affected Point	Plant SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)									
									Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III								
003 New Castle Co - Inner Zone - Severe																				
0016 STAR ENTERPRISE, DELAWARE CITY PLANT																				
		618							2,109.0	0.437	1,415.3	907.0	719.2							
Affected	10100701	Process Gas	0.430 3	0.0	10x6 Cu Ft	1,108.00	628,901	550.0 AP-42	647.4	0.647	440.5	226.6	161.8							
Affected	10100801	Coke	0.430 3	0.0	Tons	29.00	1,330,749	21.0 AP-42	481.8											
	070		737						610.7	0.647	368.3	213.7	152.7							
Affected	10100401	Residual Oil	0.450 3	0.0	1000 Gal	151.00	40,226	67.0 AP-42	8.9											
Affected	10100701	Process Gas	0.450 3	0.0	10x6 Cu Ft	1,108.00	593,334	550.0 AP-42	147.3											
Affected	10100801	Coke	0.450 3	0.0	Tons	29.00	1,255,345	21.0 AP-42	454.5											
Affected	074	30800108	Process Gas	352	0.423 3	0.0	10x6 Cu Ft	1,108.00	1,847,552	140.0 AP-42	116.7	0.126	116.7	116.7						
0046 DELMARVA POWER, MADISON ST																				
Baseline	001	20100101	Distillate Oil	242	0.387 3	7.8	1000 Gal	138.30	1,079	97.7 AP-42	0.4	0.708	0.4	0.4	0.4					
Baseline	001	20100101	Distillate Oil	391	0.357 3	117.8	1000 Gal	137.90	16,245	97.7 AP-42	11.2	0.709	11.2	11.2	11.2					
Baseline	002	20100101	Distillate Oil	391	0.350 3	112.1	1000 Gal	137.80	15,447	97.7 AP-42	5.8	0.709	5.8	5.8	5.8					
									5.5	0.709	5.5	5.5	5.5							
0317 DELMARVA POWER, CHRISTIANA SUBSTATION																				
Baseline	001	20100101	Distillate Oil	391	0.357 3	117.8	1000 Gal	137.90	16,245	97.7 AP-42	11.2	0.709	11.2	11.2	11.2					
Baseline	002	20100101	Distillate Oil	391	0.350 3	112.1	1000 Gal	137.80	15,447	97.7 AP-42	5.8	0.709	5.8	5.8	5.8					
									5.5	0.709	5.5	5.5	5.5							
0388 DELMARVA POWER, HAY ROAD																				
Baseline	001	20100101	Distillate Oil	1,338	0.577 3	46.7	Lbs/hr*	138.00	6,445	24.7 Mul Stk Non-1990	82.6	0.105	82.6	82.6	82.6					
Baseline	001	20100201	Natural Gas		0.577 3	903.0	Lbs/hr*	1,032.00	931,896	107.3 Mul Stk Non-1990	49.0	0.105	49.0	49.0	49.0					
									48.5											
Baseline	002	20100101	Distillate Oil	1,338	0.487 3	72.1	Lbs/hr*	138.00	9,950	27.0 Mul Stk Non-1990	33.6	0.106	33.6	33.6	33.6					
Baseline	002	20100201	Natural Gas		0.487 3	601.9	Lbs/hr*	1,032.00	621,161	108.4 Mul Stk Non-1990	1.0									
									32.6											
005 Sussex Co - Outer Zone - Marginal																				
0001 DELMARVA POWER, INDIAN RIVER																				
			1,090							7,163.2	0.832	4,230.8	3,151.3	1,790.8						
Affected	10100202	Bituminous Coal	0.385 2	69,600.0	Tons	26.01	1,810,296	21.7 AP-42	755.6	0.828	755.6	340.0	188.9							
Affected	10100501	Distillate Oil	0.104 2	46.2	1000 Gal	136.72	6,316	20.0 AP-42	0.5											
									882.3	0.828	882.3	397.0	220.6							
Affected	10100202	Bituminous Coal	0.434 2	81,200.0	Tons	28.07	2,116,884	21.7 AP-42	881.0											
Affected	10100501	Distillate Oil	0.297 2	126.0	1000 Gal	137.88	17,373	20.0 AP-42	1.3											
									1,853.7	0.819	762.1	762.1	463.4							
Affected	10100202	Bituminous Coal	0.535 2	170,400.0	Tons	28.14	4,454,256	21.7 AP-42	1,848.8											
Affected	10100501	Distillate Oil	0.330 2	483.0	1000 Gal	138.81	67,045	20.0 AP-42	4.8											
									3,671.6	0.838	1,830.8	1,652.2	917.9							
Affected	10100202	Bituminous Coal	0.408 2	338,100.0	Tons	25.74	8,702,694	21.7 AP-42	3,688.4											
Affected	10100501	Distillate Oil	0.368 2	323.4	1000 Gal	138.69	44,852	20.0 AP-42	3.2											

Final OTC NOx Baseline Inventory

Washington DC

06/26/95

Point-Segment Level Data

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III

001 Washington - Inner Zone - Serious

0001 PEPCO - BENNING														
	005		2,823							417.9	0.239	399.8	350.3	262.7
Affected		10100501	Distillate Oil		0.603 3	120.0 1000 Gal	137.00	18,440	27.4	Mul Stk Non-1990	200.7	0.220	182.6	182.6
Affected		10100505	Distillate Oil		0.603 3	12,653.4 1000 Gal	143.00	1,809,436	31.5	Mul Stk Non-1990	199.0			
Affected	006	10100501	Distillate Oil	2,751	0.620 3	217.0 1000 Gal	137.00	29,729	27.4	Mul Stk Non-1990	217.2	0.259	217.2	167.7
Affected		10100504	Distillate Oil		0.620 3	11,522.1 1000 Gal	143.00	1,847,660	37.2	Mul Stk Non-1990	214.2			125.8

0024 GSA-WEST HEATING

Affected	001	10200206	Bituminous Coal	268	0.073 3	331.6 Tons	27.00	8,953	9.5	AP-42	63.0	0.369	37.9	34.1	25.6
Affected	002	10200206	Bituminous Coal	268	0.137 3	850.1 Tons	27.00	22,953	9.5	AP-42	1.6	0.352	0.9	0.9	0.7
	003			268							4.0	0.352	2.4	2.3	1.7
Affected		10200401	Residual Oil		0.423 3	992.8 1000 Gal	147.00	145,942	55.0	AP-42	27.4	0.371	16.5	14.8	11.1
Affected		10200602	Natural Gas		0.423 3	1.7 10x6 Cu Ft	1,050.00	1,785	140.0	AP-42	0.1				
Affected	005	10200401	Residual Oil	268	0.433 3	1,082.5 1000 Gal	147.00	159,128	55.0	AP-42	29.9	0.371	18.0	16.1	12.1
Affected		10200602	Natural Gas		0.433 3	2.2 10x6 Cu Ft	1,050.00	2,310	140.0	AP-42	29.8		0.2		

0025 GSA-CENTRAL HEATING

Affected	003			500							15.7	0.138	15.7	15.7	15.7
Affected		10200501	Distillate Oil		0.213 3	165.3 1000 Gal	137.00	22,646	20.0	AP-42	7.9	0.136	7.9	7.9	7.9
Affected		10200602	Natural Gas		0.213 3	89.7 10x6 Cu Ft	1,050.00	94,185	140.0	AP-42	6.3				
Affected	004	10200501	Distillate Oil	500	0.133 3	51.5 1000 Gal	137.00	7,056	20.0	AP-42	3.6	0.135	3.6	3.6	3.6
Affected		10200602	Natural Gas		0.133 3	43.6 10x6 Cu Ft	1,050.00	45,780	140.0	AP-42	0.5				
Affected	005	10200501	Distillate Oil	262	0.103 3	108.0 1000 Gal	137.00	14,522	20.0	AP-42	3.1				
Affected	006	10200501	Distillate Oil	262	0.143 3	317.5 1000 Gal	137.00	43,498	20.0	AP-42	1.1	0.146	1.1	1.1	1.1

0040 PEPCO-BUZZARD POINT

Baseline	001	20100101	Distillate Oil	1,736	0.483 3	896.4 1000 Gal	138.00	123,703	89.7	Mul Stk Non-1990	79.1	0.650	79.1	79.1	79.1
Baseline	002	20100101	Distillate Oil	1,736	0.520 3	887.4 1000 Gal	138.00	119,701	89.7	Mul Stk Non-1990	40.2	0.650	40.2	40.2	40.2

Final OTC NOx Baseline Inventory

Maine

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Em.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	HACT	Phase II	Phase III
003 Aroostook Co - Northern Zone - Attainment														
Baseline	002	10100401 Residual Oil	194	0.157 3	209.9 1000 Gal	150.00	31,485	67.3 AP-42		7.1	0.449	4.7	4.7	4.7
Affected	002	10200401 Residual Oil	302	0.417 3	1,063.4 1000 Gal	150.00	159,510	54.9 AP-42		29.2	0.366	17.5	17.5	16.0
Affected	001	10100501 Distillate Oil	523	0.427 3	33.3 1000 Gal	194.00	6,460	25.6 AP-42		0.4	0.132	0.4	0.4	0.4
005 Cumberland Co - Northern Zone - Moderate														
Affected	002	10100401 Residual Oil	600	0.347 3	2,264.9 1000 Gal	151.00	342,000	60.4 AP-42		1,483.2	0.319	1,385.5	1,385.5	928.5
Affected	003	10100401 Residual Oil	600	0.313 3	2,138.7 1000 Gal	151.00	322,944	60.3 AP-42		68.4	0.400	51.3	51.3	34.2
Affected	004	10100401 Residual Oil	1,132	0.353 3	8,605.1 1000 Gal	151.00	1,299,370	60.3 AP-42		64.5	0.399	48.4	48.4	32.3
Affected	005	10100401 Residual Oil	5,870	0.457 3	48,482.2 1000 Gal	151.00	7,320,812	45.0 State Factor		259.5	0.399	194.9	194.9	129.9
Affected	001	10200202 Bituminous Coal	1,074		20,456.1 Tons	26.00	531,859	21.0 AP-42		1,090.9	0.298	1,090.9	1,090.9	732.1
Affected		10200401 Residual Oil		0.357 3	1,019.2 1000 Gal	148.00	150,842	55.3 AP-42		245.4	0.685	148.2	148.2	111.5
Affected		10200501 Distillate Oil		0.357 3	30.3 1000 Gal	140.00	4,242	23.6 AP-42		243.5	0.709	146.2	146.2	109.6
Affected	007	10200501 Distillate Oil	375	0.393 3	213.4 1000 Gal	140.00	29,876	18.4 AP-42		2.0	0.132	2.0	2.0	2.0
007 Franklin Co - Northern Zone - Attainment														
Affected	001	10200401 Residual Oil	680	0.377 3	6,913.4 1000 Gal	149.00	1,030,097	55.0 AP-42		540.1	0.369	324.2	324.2	292.9
Affected	002	10200401 Residual Oil	680	0.397 3	9,359.7 1000 Gal	149.00	1,394,595	55.0 AP-42		190.0	0.369	114.0	114.0	103.0
Affected	003	10200401 Residual Oil	480	0.420 3	1,979.9 1000 Gal	149.00	295,005	55.2 AP-42		257.3	0.369	154.4	154.4	139.5
Affected	004		496							54.6	0.370	32.8	32.8	29.5
Affected		10200401 Residual Oil		0.443 3	885.6 1000 Gal	149.00	131,954	55.0 AP-42		24.8	0.361	15.1	15.1	13.7
Affected		10200501 Distillate Oil		0.443 3	39.0 1000 Gal	139.00	5,421	22.7 AP-42		24.4				
Affected	005	10200401 Residual Oil	658	0.447 3	479.6 1000 Gal	149.00	71,460	55.9 AP-42		0.4		13.4	0.375	8.0
Affected										13.4	0.375	8.0	8.0	7.1
0023 Stratton Energy Association														
Affected	001	10100501 Distillate Oil	672	0.417 3	290.6 1000 Gal	140.00	40,684	23.0 AP-42		3.3	0.164	3.3	3.3	3.3
Affected										3.3	0.164	3.3	3.3	3.3
009 Hancock Co - Northern Zone - Marginal														
Affected	004	10200405 Residual Oil	371	0.343 3	1,123.7 1000 Gal	152.00	170,802	54.9 AP-42		279.1	0.380	167.5	167.5	147.0
Affected	004		814							30.9	0.361	18.5	18.5	17.1
Affected		10200104 Anthracite Coal		0.413 3	44,126.2 Tons	26.00	1,147,281	10.0 AP-42		248.2	0.382	148.9	148.9	129.9
Affected										220.5				

Final OTC NOx Baseline Inventory
Maine

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III	

009 Hancock Co - Northern Zone - Marginal

0004 CHAMPION INTERNATIONAL CORP												279.1	0.380	167.5	167.5	147.0
004												248.2	0.382	148.9	148.9	129.9
Affected	10200405	Residual Oil	814	0.413 3	999.9	1000 Gal	152.00	151,985	55.3 AP-42	27.7						

011 Kennebec Co - Northern Zone - Moderate

0062 SCOTT PAPER WINSLOW PLANT												14.2	0.362	8.5	8.5	7.8
Affected 003 10200405 Residual Oil												290	0.417 3	290	0.362	8.5
Affected	10200405	Residual Oil			522.9	1000 Gal	150.00	78,435	54.2 AP-42	14.2	14.2					

015 Lincoln Co - Northern Zone - Moderate

0010 CENTRAL MAINE POWER - MASON STATION												8.6	0.447	5.8	5.8	3.9
Affected 005 10100401 Residual Oil												413	0.237 3	280	0.445	1.9
Affected 006 10100401 Residual Oil												413	0.263 3	280	0.460	2.4
Affected 007 10100401 Residual Oil												413	0.207 3	280	0.428	1.5

017 Oxford Co - Northern Zone - Attainment

0045 BOISE CASCADE PAPER COMPANY												652.2	1.000	391.3	391.3	296.5
Affected 004 10200401 Residual Oil												500	0.403 3	500	0.369	16.2
Affected 007 10200401 Residual Oil												274	0.087 3	274	0.369	3.5
012												572				3.2
Affected 10200219 Bituminous Coal												0.593 3	40,339.4 Tons	13.00	524,412	67.2 AP-42
Affected 10200405 Residual Oil												0.593 3	258.0 1000 Gal	150.00	38,700	69.5 AP-42
013												572				302.5
Affected 10200219 Bituminous Coal												0.593 3	40,339.4 Tons	13.00	524,412	15.0 AP-42
Affected 10200405 Residual Oil												0.593 3	258.0 1000 Gal	150.00	38,700	55.2 AP-42

019 Penobscot Co - Northern Zone - Attainment

0029 BANGOR HYDRO- GRAHAM STATION												17.1	0.440	11.7	11.7	7.8	
Affected 001 10100401 Residual Oil												372	0.437 3	80.8 1000 Gal	151.00	12,201	64.9 AP-42
Affected 002 10100401 Residual Oil												396	0.387 3	128.9 1000 Gal	151.00	19,464	66.1 AP-42
Affected 003 10100401 Residual Oil												645	0.310 3	305.0 1000 Gal	151.00	48,055	67.1 AP-42

0034 JAMES RIVER CORP. (OLD TOWN)

Affected 001 10200401 Residual Oil												250	0.380 3	2,630.5 1000 Gal	150.00	394,575	55.0 AP-42
Affected 002 10200401 Residual Oil												250	0.393 3	3,241.1 1000 Gal	150.00	486,165	55.1 AP-42
Affected 004 10200401 Residual Oil												521	0.420 3	477.5 1000 Gal	150.00	71,825	54.5 AP-42

0055 WHEELABRATOR-SHERMAN ENERGY CO.

Affected 001 10100501 Distillate Oil												284	0.417 3	4.6 1000 Gal	141.00	649	20.0 AP-42
Affected 001 10100501 Distillate Oil												0.0	0.142	0.0	0.0	0.0	

0056 GREAT NORTHERN PAPER, INC. (MILL.)

Affected 001 10200401 Residual Oil												370	0.480 3	5,193.1 1000 Gal	151.00	784,158	55.1 AP-42
Affected 001 10200401 Residual Oil												143.0	0.365	85.8	85.8	78.4	

Point-Segment Level Data

Maine

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)										
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III								
019 Penobscot Co - Northern Zone - Attainment																						
0056 GREAT NORTHERN PAPER, INC. (MILL.)																						
Affected	002	10200401 Residual Oil	370	0.567 3	5,366.1	1000 Gal	151.00	810,281	54.9 AP-42	594.6	0.364	358.7	358.7	328.4								
Affected	003	10200401 Residual Oil	370	0.360 3	2,856.6	1000 Gal	151.00	431,347	54.9 AP-42	147.4	0.364	88.5	88.5	81.0								
Affected	004	10200401 Residual Oil	740	0.367 3	6,001.2	1000 Gal	151.00	906,181	55.0 AP-42	78.5	0.364	47.1	47.1	43.1								
Affected	005	10200401 Residual Oil	592	0.417 3	2,199.3	1000 Gal	151.00	332,094	55.0 AP-42	165.2	0.365	99.1	99.1	90.6								
Affected	001	10200401 Residual Oil	370	0.577 3	3,153.9	1000 Gal	151.00	476,239	54.9 AP-42	114.0	0.364	68.4	68.4	62.7								
Affected	002	10200401 Residual Oil	370	0.180 3	867.8	1000 Gal	151.00	131,038	55.2 AP-42	86.6	0.363	51.9	51.9	47.6								
Affected	003	10200401 Residual Oil	498	0.437 3	131.5	1000 Gal	151.00	19,857	53.2 AP-42	23.9	0.365	14.4	14.4	13.1								
Affected	017	10200401 Residual Oil	848	0.423 3	3,288.0	1000 Gal	183.00	601,704	55.1 AP-42	3.5	0.352	2.1	2.1	2.0								
025 Somerset Co - Northern Zone - Attainment																						
0027 S. D. WARREN CO. SCOTT PAPER CO																						
Affected	003	10200401 Residual Oil	1,180	0.423 3	583.7	1000 Gal	183.00	106,817	55.1 AP-42	115.1	0.301	76.5	76.5	76.5								
Affected	004	10200401 Residual Oil	900	0.340 3	306.0	1000 Gal	184.22	56,371	55.6 AP-42	90.5	0.301	60.2	60.2	60.2								
Affected	017	10200401 Residual Oil	848	0.423 3	3,288.0	1000 Gal	183.00	601,704	55.1 AP-42	16.1	0.301	10.7	10.7	10.7								
Affected	001	10200401 Residual Oil	625	0.400 3	4,824.4	1000 Gal	152.00	733,309	55.1 AP-42	8.5	0.302	5.6	5.6	5.6								
Affected	005	10200401 Residual Oil	1,052	0.417 3	296.1	1000 Gal	152.00	45,007	55.0 AP-42	140.9	0.362	84.6	84.6	77.8								
Affected	001	10200401 Residual Oil	1,052	0.417 3	296.1	1000 Gal	152.00	45,007	55.0 AP-42	132.8	0.362	79.7	79.7	73.3								
Affected	005	10200401 Residual Oil	625	0.400 3	4,824.4	1000 Gal	152.00	733,309	55.1 AP-42	8.1	0.362	4.9	4.9	4.5								

Final OTC NOx Baseline Inventory

Maryland

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III	

001 Allegany Co - Outer Zone - Attainment**0011 WESTVACO**

Affected	001	10200203	Bituminous Coal	500	0.496	1	87,005.0	Tons	25.00	2,175,125	40.5	Mul Stk Non-1990	3,018.7	1.174	3,016.7	1,358.4	756.4
Affected	002	10200202	Bituminous Coal	785	0.504	1	115,095.0	Tons	25.00	2,877,375	21.5	Mul Stk Non-1990	1,237.3	0.860	1,237.3	556.8	309.3
Affected	003	10200601	Natural Gas	338	0.417	1	85.0	10x6 Cu Ft	1,034.00	87,890	413.6	Mul Stk Non-1990	17.6	0.400	17.6	8.8	6.6

003 Anne Arundel Co - Inner Zone - Severe**0014 BALTO. GAS & ELEC. - WAGNER STATION**

	001		2,740														
Affected		10100202	Bituminous Coal		0.526	2	300,100.0	Tons	26.00	7,802,600	30.7	Mul Stk Non-1990	4,679.5	0.883	6,606.3	2,701.8	1,949.2
Affected		10100601	Natural Gas		0.555	2	276.2	10x6 Cu Ft	1,040.26	287,321	550.3	AP-42	4,603.5	1.158	4,679.5	1,637.8	1,169.9
	003		4,200														
Affected		10100401	Residual Oil		0.558	2	22,965.6	1000 Gal	150.31	3,452,060	82.7	Mul Stk Non-1990	952.4	0.550	951.2	346.4	259.8
Affected		10100601	Natural Gas		0.227	2	11.3	10x6 Cu Ft	1,039.73	11,749	551.0	AP-42	949.3	3.1			
	004		1,337														
Affected		10100601	Natural Gas		0.549	2	1,881.1	10x6 Cu Ft	1,039.63	1,955,655	322.3	Mul Stk Non-1990	303.1	0.340	244.5	195.6	146.7
	005		1,337														
Affected		10100202	Bituminous Coal		0.459	2	136,000.0	Tons	26.00	3,536,000	21.3	Mul Stk Non-1990	1,491.4	0.806	731.1	522.0	372.8
Affected		10100601	Natural Gas		0.403	2	151.2	10x6 Cu Ft	1,040.54	157,329	550.5	AP-42	1,449.8	41.6			

0468 BALTO. GAS & ELEC. - BRANDON SHORES

	001		5,780														
Affected		10100202	Bituminous Coal		0.438	2	671,000.0	Tons	25.34	17,006,100	10.6	Non-1990 5 Mo. CEMS	3,578.1	0.419	3,576.1	1,706.9	1,280.2
Affected		10100501	Distillate Oil		0.331	2	453.6	1000 Gal	138.34	62,752	21.0	AP-42	3,571.3	4.8	3,576.1	1,706.9	1,280.2

005 Baltimore Co - Inner Zone - Severe

	001		268		0.629	1	68.9	10x6 Cu Ft	1,040.00	71,656	420.2	AP-42	122.5	0.404	122.5	122.5	122.5
Baseline	002	20100201	Natural Gas	268	0.630	1	71.7	10x6 Cu Ft	1,040.00	74,568	420.2	AP-42	14.5	0.404	15.1	14.5	14.5
Baseline	003	20100201	Natural Gas	268	0.654	1	78.0	10x6 Cu Ft	1,040.00	79,040	420.2	AP-42	15.1	0.404	16.0	15.1	15.1
Baseline	004	20100201	Natural Gas	268	0.639	1	71.7	10x6 Cu Ft	1,040.00	74,568	420.2	AP-42	16.0	0.404	16.0	16.0	16.0
Baseline	005	20100201	Natural Gas	268	0.657	1	73.1	10x6 Cu Ft	1,040.00	76,024	420.2	AP-42	15.1	0.404	15.1	15.1	15.1
Baseline	006	20100201	Natural Gas	268	0.607	1	61.9	10x6 Cu Ft	1,040.00	84,376	420.2	AP-42	15.4	0.404	15.4	15.4	15.4
Baseline	007	20100201	Natural Gas	268	0.671	1	83.5	10x6 Cu Ft	1,040.00	88,840	420.2	AP-42	13.0	0.404	13.0	13.0	13.0
Baseline	008	20100201	Natural Gas	268	0.768	1	76.5	10x6 Cu Ft	1,040.00	79,560	420.2	AP-42	17.5	0.404	17.5	17.5	17.5

0078 BALTO. GAS & ELEC. - RIVERSIDE

	001		378		0.826	1	120.3	1000 Gal	138.00	16,601	67.6	Mul Stk Non-1990	4.1	0.490	4.1	4.1	4.1
Baseline	002	20100101	Distillate Oil	378	0.788	1	200.6	1000 Gal	138.00	27,683	88.9	Mul Stk Non-1990	8.7	0.630	8.7	8.7	8.7
	003		820										198.6	0.335	198.3	132.2	99.1
Affected		10100401	Residual Oil		0.008	2	29.4	1000 Gal	150.00	4,410	67.2	AP-42	1.0				
Affected		10100601	Natural Gas		0.598	2	1,265.9	10x6 Cu Ft	1,040.78	1,317,523	312.2	Sing Stk Rep Cond	197.8				
	004		702										191.4	0.530	114.8	72.2	54.2
Affected		10100401	Residual Oil		0.370	2	4,748.0	1000 Gal	149.07	707,503	79.0	AP-42	187.5				
Affected		10100601	Natural Gas		0.283	2	14.1	10x6 Cu Ft	1,040.71	14,674	551.8	AP-42	3.9				

Final OTC NOx Baseline Inventory

Maryland

Point-Segment Level Data

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	HACT	Phase II	Phase III
005 Baltimore Co - Inner Zone - Severe														
	005	005 BALTO. GAS & ELEC. - RIVERSIDE	702							1,149.7	0.424	834.5	567.8	437.8
Affected		10100401 Residual Oil		0.488 2	5,405.4	1000 Gal	149.14	806,135	87.1 AP-42	187.7	0.452	124.7	83.0	62.3
Affected		10100601 Natural Gas		0.458 2	23.0	10x6 Cu Ft	1,039.04	23,898	550.7 AP-42		181.4			
	006		820							8.3				
Affected		10100401 Residual Oil		0.482 2	8,706.6	1000 Gal	149.15	1,296,569	87.1 AP-42	296.9	0.451	197.6	131.7	98.7
Affected		10100601 Natural Gas		0.394 2	17.3	10x6 Cu Ft	1,040.23	17,998	551.3 AP-42		292.2			
	007		702							4.8				
Affected		10100401 Residual Oil		0.468 2	6,699.0	1000 Gal	149.20	999,487	87.1 AP-42	227.5	0.451	151.5	100.9	75.7
Affected		10100601 Natural Gas		0.349 2	9.4	10X6 Cu Ft	1,039.15	9,768	550.9 AP-42		224.9			
Baseline	008	20100201 Natural Gas	1,968	0.629 1	167.3	10X6 Cu Ft	1,040.00	173,992	416.0 Mul Stk Non-1990	34.8	0.400	34.8	34.8	34.8
0079 BALTO. GAS & ELEC. - CRANE														
	005		1,885							5,328.8	1.272	5,328.8	1,885.1	1,332.2
Affected		10100203 Bituminous Coal		0.411 2	136,300.0	Tons	27.00	3,680,100	32.4 Non-1990 5 Mo. CEMS	2,209.7	1.194	2,209.7	773.4	552.4
Affected		10100501 Distillate Oil		0.347 2	138.6	1000 Gal	138.28	19,165	23.9 AP-42		2,208.1			
	006		1,815							1.7				
Affected		10100203 Bituminous Coal		0.465 2	172,300.0	Tons	27.00	4,652,100	36.2 Non-1990 5 Mo. CEMS	3,119.1	1.332	3,119.1	1,091.7	779.8
Affected		10100501 Distillate Oil		0.361 2	180.6	1000 Gal	138.35	24,986	24.1 AP-42		3,118.9			
2,209.7										2.2				
017 Charles Co - Inner Zone - Serious														
	001	001 POTOMAC ELECTRIC MORGANTOWN	5,317							14,537.3	0.942	5,944.2	5,191.7	3,753.9
Affected		10100212 Bituminous Coal		0.433 2	800,000.0	Tons	25.61	15,367,500	24.3 AP-42	7,320.1	0.947	2,940.4	2,562.0	1,830.0
Affected		10100404 Residual Oil		0.510 2	520.8	1000 Gal	149.00	77,599	70.0 AP-42		7,299.6			
Affected		10100501 Distillate Oil		1.000 2	189.0	1000 Gal	138.00	26,082	24.7 AP-42		18.2			
	002		5,317							2.3				
Affected		10100212 Bituminous Coal		0.512 2	587,200.0	Tons	25.18	14,783,800	23.9 Mul Stk Non-1990	7,057.8	0.947	2,844.4	2,470.2	1,764.4
Affected		10100404 Residual Oil		0.799 2	970.2	1000 Gal	149.00	144,560	70.0 AP-42		7,022.3			
Affected		10100501 Distillate Oil		1.000 2	121.0	1000 Gal	138.00	16,698	24.7 AP-42		34.0			
Baseline	007	20100101 Distillate Oil	250	1.000 1	133.0	1000 Gal	138.00	18,354	109.0 AP-42	7.3	0.790	7.3	7.3	7.3
Baseline	008	20100101 Distillate Oil	250	1.000 1	133.0	1000 Gal	138.00	18,354	109.0 AP-42	7.3	0.790	7.3	7.3	7.3
Baseline	009	20100101 Distillate Oil	654	1.000 1	739.6	1000 Gal	138.00	102,065	98.0 AP-42	36.2	0.710	36.2	36.2	36.2
Baseline	010	20100101 Distillate Oil	654	1.000 1	739.6	1000 Gal	138.00	102,065	98.0 AP-42	36.2	0.710	36.2	36.2	36.2
Baseline	011	20100101 Distillate Oil	654	1.000 1	739.6	1000 Gal	138.00	102,065	98.0 AP-42	36.2	0.710	36.2	36.2	36.2
Baseline	012	20100101 Distillate Oil	654	1.000 1	739.6	1000 Gal	138.00	102,065	98.0 AP-42	36.2	0.710	36.2	36.2	36.2
019 Dorchester Co - Outer Zone - Attainment														
	001	0013 DELMARVA POWER VIENNA	278	0.405 1	12.2	1000 Gal	139.34	1,700	72.5 AP-42	282.1	0.390	282.1	144.9	108.8
Baseline	002	10100404 Residual Oil	1,855	0.642 2	9,643.2	1000 Gal	149.79	1,444,460	58.4 Mul Stk Non-1990	0.4	0.520	0.4	0.4	0.4
										281.7	0.390	281.7	144.4	108.3

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Point-Segment Level Data

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Affected Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
									Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III

025 Harford Co - Inner Zone - Severe**0024 BALTO. GAS & ELEC. - PERRYMAN**

Baseline	001	20100101	Distillate Oil	704	0.730	1	670.2	1000 Gal	138.00	92,488	68.4 AP-42	113.6	0.503	113.6	113.6	113.6
Baseline	002	201001Q1	Distillate Oil	704	0.459	1	384.3	1000 Gal	138.00	53,033	68.4 AP-42	22.9	0.496	22.9	22.9	22.9
Baseline	003	20100101	Distillate Oil	704	0.728	1	1,303.2	1000 Gal	138.00	179,842	70.0 AP-42	13.2	0.496	13.2	13.2	13.2
Baseline	004	20100101	Distillate Oil	704	0.744	1	913.6	1000 Gal	138.00	126,077	70.0 AP-42	45.6	0.507	45.6	45.6	45.6

031 Montgomery Co - Inner Zone - Serious**0019 POTOMAC ELECTRIC DICKERSON**

Affected	001	1,646	Bituminous Coal	0.425	2	193,200.0	Tons	25.00	4,830,000	16.3	Mul Stk Non-1990	4,866.4	0.682	4,866.4	1,738.3	1,241.6
Affected			10100212 Distillate Oil	0.512	2	88.2	1000 Gal	138.00	12,172	24.0	AP-42	1,570.8	0.649	1,570.8	549.8	392.7
Affected	002	1,646	Bituminous Coal	0.418	2	196,400.0	Tons	25.00	4,910,000	17.5	Mul Stk Non-1990	1,719.6	0.699	1,719.6	601.9	429.9
Affected			10100501 Distillate Oil	0.468	2	92.4	1000 Gal	138.00	12,751	24.0	AP-42	1,718.5	1.1			
Affected	003	1,646	Bituminous Coal	0.442	2	191,400.0	Tons	25.00	4,785,000	17.5	Mul Stk Non-1990	1,676.0	0.698	1,676.0	586.6	419.0
Affected			10100501 Distillate Oil	0.334	2	105.0	1000 Gal	138.00	14,490	24.0	AP-42	1,674.8				
												1.3				

033 Prince Georges Co - Inner Zone - Serious**0014 POTOMAC ELECTRIC - CHALK POINT**

Affected	001	3,123	Bituminous Coal	0.425	2	346,500.0	Tons	25.79	8,935,800	32.0	Mul Stk Non-1990	12,718.9	0.802	7,510.7	5,245.9	3,801.5
Affected			10100202 Distillate Oil	0.409	2	344.4	1000 Gal	137.04	47,195	24.5	AP-42	5,544.4	1.234	2,908.4	1,940.5	1,386.1
Affected	002	3,123	Bituminous Coal	0.403	2	347,000.0	Tons	25.56	8,869,500	31.4	Mul Stk Non-1990	5,540.2				
Affected			10100501 Distillate Oil	0.338	2	357.0	1000 Gal	137.06	48,930	24.5	AP-42	5,459.1	1.223	2,887.0	1,910.7	1,364.8
Baseline	006	20100101	Distillate Oil	250	1.000	1	139.0	1000 Gal	138.00	19,182	125.6 AP-42	4.2				
Affected	007	6,970	Residual Oil	0.494	2	28,782.6	1000 Gal	150.00	4,317,390	43.5	Mul Stk Non-1990	8.7	0.910	8.7	8.7	8.7
Affected			10100501 Distillate Oil	1.000	2	1,352.5	1000 Gal	138.00	186,845	24.7	AP-42	1,031.6	0.255	1,031.6	839.3	629.5
Affected			10100604 Natural Gas	0.735	2	3,723.8	10x6 Cu Ft	1,044.41	3,889,180	208.9	Mul Stk Non-1990	626.0				
Affected	008	6,638	Residual Oil	0.734	2	19,236.0	1000 Gal	150.52	2,895,329	43.7	Mul Stk Non-1990	16.7				
Affected			10100501 Distillate Oil	1.000	2	1,331.5	1000 Gal	138.00	183,747	24.7	AP-42	18.4				
Affected			10100604 Natural Gas	0.628	2	2,188.5	10x6 Cu Ft	1,045.48	2,288,039	209.1	Mul Stk Non-1990	228.8				
Baseline	009	420	20100101 Distillate Oil	1.000	1	128.0	1000 Gal	138.00	17,864	154.8 AP-42	9.9	1.120	9.9	9.9	9.9	9.9

1827 SMECO - CHALK POINT

001	924	Distillate Oil	1.000	1	236.0	1000 Gal	138.00	32,568	49.7 AP-42	50.5	0.181	50.5	50.5	50.5	50.5
Baseline		Natural Gas	1.000	1	502.0	10x6 Cu Ft	1,045.00	524,590	177.6 AP-42	5.9	0.181	50.5	50.5	50.5	50.5

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Point-Segment Level Data

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Em.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	Target Phase I	ACT	Phase II
043 Washington Co - Outer Zone - Attainment														
	0005 POTOMAC EDISON COMPANY									767.9	0.777	449.7	345.8	192.0
Affected	001	10100202 Bituminous Coal	428		0.133 2	1,300.0 Tons	26.00	33,800	21.9 Mul Stk Non-1990	14.5	0.818	14.5	6.5	3.6
Affected		10100501 Distillate Oil			0.222 2	16.8 1000 Gal	141.01	2,369	28.2 AP-42	0.2				
Affected	002		1,027							753.4	0.777	435.2	339.0	188.4
Affected		10100212 Bituminous Coal			0.390 2	75,200.0 Tons	25.65	1,928,600	20.0 Mul Stk Non-1990	752.2				
Affected		10100501 Distillate Oil			0.457 2	88.2 1000 Gal	141.00	12,436	28.2 AP-42	1.2				
510 Baltimore - Inner Zone - Severe														
	0006 BALTO. GAS & ELEC. - WESTPORT									680.5	0.525	442.2	301.4	247.3
Affected	002	10100401 Residual Oil	702	0.473 2	5,863.2 1000 Gal	149.25	875,087	82.1 AP-42		240.6	0.550	144.4	87.5	65.6
Affected	003	10100401 Residual Oil	809	0.478 2	8,847.8 1000 Gal	149.28	1,290,925	82.1 AP-42		355.0	0.550	213.0	129.1	96.8
Baseline	004	20100201 Natural Gas	1,966	0.582 1	427.4 10x6 Cu Ft	1,000.00	427,400	397.0 AP-42		84.8	0.397	84.8	84.8	84.8
0007 BALTO. GAS & ELEC. - GOULD STREET														
Affected	002	10100401 Residual Oil	1,085	0.500 2	10,428.6 1000 Gal	149.98	1,564,130	45.0 Sing Stk Rep Cond		234.6	0.300	234.6	156.4	117.3
234.6										234.6	0.300	234.6	156.4	117.3
0265 BALTO. GAS & ELEC. - PHILADELPHIA RD														
Baseline	001	20100101 Distillate Oil	258	0.621 1	137.4 1000 Gal	138.00	18,961	67.6 AP-42		18.4	0.490	18.4	18.4	18.4
Baseline	002	20100101 Distillate Oil	258	0.818 1	137.8 1000 Gal	138.00	19,016	67.6 AP-42		4.6	0.490	4.6	4.6	4.6
Baseline	003	20100101 Distillate Oil	258	0.885 1	134.4 1000 Gal	138.00	18,547	67.6 AP-42		4.7	0.490	4.7	4.7	4.7
Baseline	004	20100101 Distillate Oil	258	0.250 1	133.6 1000 Gal	138.00	18,437	67.6 AP-42		4.5	0.490	4.5	4.5	4.5

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)			
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III	
001 Barnstable Co - Inner Zone - Serious															
	0054 CANAL ELECTRIC CO	*120 0054*M								5,091.7	0.479	2,947.1	2,351.6	1,718.9	
Affected	001	10100401 Residual Oil	4,967	0.370 2	68,212.2	1000 Gal	150.43	10,261,161	105.0	Non-1990 Other CEMS	3,581.5	0.700	1,436.9	1,253.5	895.4
Affected		10100501 Distillate Oil		0.417 3	36.3	1000 Gal	140.00	5,082	20.0	AP-42	3,581.1	0.4			
Affected	004	10100401 Residual Oil	5,262	0.421 2	73,038.0	1000 Gal	150.32	10,979,072	41.4	Non-1990 Other CEMS	1,510.2	0.276	1,510.2	1,098.1	823.5
Affected		10100501 Distillate Oil		0.415 3	10.8	1000 Gal	140.00	1,512	20.0	AP-42	1,510.1	0.1			
003 Berkshire Co - Inner Zone - Serious															
	0006 ALTRESCO PITTSFIELD	*117 0006*M								11.5	0.035	11.5	11.5	11.5	
Affected	001	20200103 Distillate Oil	430	0.569 1	495.0	1000 Gal	139.00	68,805	5.6	Mul Stk 1990	3.5	0.032	3.5	3.5	3.5
Baseline		20200203 Natural Gas		0.231 1	136.0	10x6 Cu Ft	1,025.00	139,400	30.8	Mul Stk 1990	95.0	2.1			
Affected	002	20200103 Distillate Oil	430	0.569 1	888.0	1000 Gal	139.00	123,432	7.0	Mul Stk 1990	95.0	3.1	4.1	4.1	4.1
Baseline		20200203 Natural Gas		0.232 1	97.0	10x6 Cu Ft	1,025.00	99,425	20.5	Mul Stk 1990	95.0	1.0			
Affected	003	20200103 Distillate Oil	430	0.569 1	723.0	1000 Gal	139.00	100,497	5.6	Mul Stk 1990	95.0	2.0	3.9	3.9	3.9
Baseline		20200203 Natural Gas		0.230 1	124.0	10x6 Cu Ft	1,025.00	127,100	30.8	Mul Stk 1990	95.0	1.9			
0166 WOODLAND ROAD															
Baseline	001	20100901 Kerosene/Naphtha	230	0.810 1	63.3	1000 Gal	134.10	8,489	67.8	AP-42	2.1	0.506	0.9	0.9	0.9
0167 DOREEN STREET															
Baseline	001	20100901 Kerosene/Naphtha	230	0.840 1	54.2	1000 Gal	134.10	7,268	67.8	AP-42	1.8	0.506	0.8	0.8	0.8
0168 SILVER LAKE															
Baseline	001	20100901 Kerosene/Naphtha	230	0.730 1	39.0	1000 Gal	138.60	5,405	67.8	AP-42	1.3	0.489	2.0	2.0	2.0
Baseline	002	20100901 Kerosene/Naphtha	230	0.740 1	32.5	1000 Gal	138.60	4,505	67.8	AP-42	1.1	0.489	0.6	0.6	0.6
Baseline	003	20100901 Kerosene/Naphtha	230	0.690 1	36.4	1000 Gal	138.60	5,045	67.8	AP-42	1.2	0.489	0.5	0.5	0.5
Baseline	004	20100901 Kerosene/Naphtha	230	0.680 1	22.6	1000 Gal	138.60	3,132	67.8	AP-42	0.8	0.489	0.6	0.6	0.6
005 Bristol Co - Inner Zone - Serious															
	0041 CANNON ST.STATION	*120 0041*M								142.9	0.530	75.6	54.0	40.5	
Affected	001	10100401 Residual Oil	271	0.184 1	159.6	1000 Gal	150.04	23,946	67.0	AP-42	32.2	0.494	17.0	12.2	9.1
Affected		10100601 Natural Gas		0.855 1	97.6	10x6 Cu Ft	1,000.00	97,600	550.0	AP-42	26.8				
Affected	002	10100401 Residual Oil	271	0.184 1	159.6	1000 Gal	150.04	23,946	67.0	AP-42	32.2	0.494	17.0	12.2	9.1
Affected		10100601 Natural Gas		0.855 1	97.6	10x6 Cu Ft	1,000.00	97,600	550.0	AP-42	26.8				
Affected	003	10100401 Residual Oil	422	0.184 1	390.6	1000 Gal	150.04	58,606	67.0	AP-42	78.5	0.494	41.5	29.7	22.2
Affected		10100601 Natural Gas		0.854 1	238.0	10x6 Cu Ft	1,000.00	238,000	550.0	AP-42	65.5				

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										Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III		
005 Bristol Co - Inner Zone - Serious															
	0060	MONTAUP - SOMERSET	*120 0060*M							1,040.0	0.541	708.6	384.4	288.7	
	007		959							584.6	0.544	397.8	216.2	162.2	
Affected		10100212	Bituminous Coal	0.446	2	75,400.0	Tons	26.12	1,969,448	14.4	AP-42	542.9			
Affected		10100401	Residual Oil	0.638	1	1,225.4	1000 Gal	150.00	183,810	67.0	AP-42	41.1			
Affected		10100501	Distillate Oil	0.883	1	63.5	1000 Gal	140.00	8,890	20.0	AP-42	0.6			
	009		1,403							452.0	0.546	309.3	166.7	125.1	
Affected		10100212	Bituminous Coal	0.278	2	59,800.0	Tons	26.13	1,562,574	14.4	AP-42	430.8			
Affected		10100401	Residual Oil	0.588	1	613.7	1000 Gal	150.00	92,055	67.0	AP-42	20.6			
Affected		10100501	Distillate Oil	0.533	1	91.1	1000 Gal	140.00	12,754	20.0	AP-42	0.9			
Baseline	010	20100901	Kerosene/Naphtha	266	0.417	3	48.8	1000 Gal	135.00	6,588	67.8	AP-42	1.7	0.502	0.7
Baseline	011	20100901	Kerosene/Naphtha	266	0.417	3	51.3	1000 Gal	135.00	6,926	67.8	AP-42	1.7	0.502	0.8
0061 N ENG P - BRAYTON POINT															
	001		*120 0061*M							13,848.8	0.790	6,481.3	5,084.4	3,803.3	
			2,325							2,668.7	0.692	1,451.5	934.0	667.2	
Affected		10100212	Bituminous Coal	0.461	1	292,422.0	Tons	26.00	7,602,972	18.2	Sing Stk Rep Cond	2,661.0			
Affected		10100404	Residual Oil	0.177	1	326.0	1000 Gal	150.00	48,900	42.0	AP-42	6.8			
Affected		10100501	Distillate Oil	0.256	1	82.0	1000 Gal	137.00	11,234	20.0	AP-42	0.8			
	002		2,325							2,853.1	0.694	1,549.7	998.6	713.3	
Affected		10100212	Bituminous Coal	0.429	1	313,263.0	Tons	26.00	8,144,838	18.2	Sing Stk Rep Cond	2,850.7			
Affected		10100404	Residual Oil	0.068	1	104.0	1000 Gal	149.00	15,496	42.0	AP-42	2.2			
Affected		10100501	Distillate Oil	0.189	1	25.0	1000 Gal	134.00	3,350	20.0	AP-42	0.3			
	003		5,800							6,962.7	1.383	2,252.2	2,252.2	1,740.7	
Affected		10100202	Bituminous Coal	0.339	1	380,585.0	Tons	26.00	9,894,890	38.4	Sing Stk Rep Cond	6,928.3			
Affected		10100401	Residual Oil	0.384	1	829.0	1000 Gal	149.00	123,521	67.0	AP-42	27.8			
Affected		10100501	Distillate Oil	0.728	1	860.0	1000 Gal	137.00	117,820	20.0	AP-42	8.6			
	004		4,800							1,364.3	0.300	1,227.9	909.6	682.2	
Affected		10100401	Residual Oil	0.434	1	60,632.0	1000 Gal	150.00	9,094,800	45.0	State Factor	1,364.2			
Affected		10100501	Distillate Oil	0.313	1	10.0	1000 Gal	137.00	1,370	20.0	AP-42	0.1			
0067 TAUNTON MUN LIGHT PL															
	003		*120 0067*M							344.5	0.502	192.0	150.9	125.2	
			1,031							244.1	0.507	128.5	91.8	68.8	
Affected		10100401	Residual Oil	0.027	2	105.0	1000 Gal	150.00	15,750	67.0	AP-42	3.5			
Affected		10100601	Natural Gas	0.693	2	874.7	10x6 Cu Ft	1,031.00	901,816	550.0	AP-42	240.5			
	004		300							76.0	0.496	48.2	48.2	48.2	
Baseline		20100101	Distillate Oil	0.044	1	14.0	1000 Gal	140.00	1,980	97.7	AP-42	0.7			
Baseline		20100201	Natural Gas	0.509	1	326.0	10x6 Cu Ft	1,050.00	342,300	462.0	AP-42	75.3			
Affected	005	10100401	Residual Oil	0.535	2	730.8	1000 Gal	150.00	109,620	67.0	AP-42	24.5	0.447	15.3	
009 Essex Co - Inner Zone - Serious															
	0138	GENERAL ELECTRIC CO	*119 0138*M							185.8	0.558	105.8	75.1	61.8	
	003		382							139.6	0.444	83.8	53.3	40.0	
Affected		10100601	Natural Gas	0.679	1	507.6	10x6 Cu Ft	1,050.00	532,980	550.0	AP-42	139.6			
Baseline	005	20100101	Distillate Oil	0.491	1	945.9	1000 Gal	140.00	132,426	97.7	AP-42	46.2	0.696	21.9	
										21.9	21.9			21.9	

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III
009 Essex Co - Inner Zone - Serious														
0194	N.E.POWER-SALEM	*119 0194*M								7,190.2	0.733	2,975.6	2,562.2	1,926.7
001			810							1,352.9	0.993	447.9	447.9	338.2
Affected	10100202	Bituminous Coal		0.429 1	103,687.0 Tons	26.00	2,695,862	26.0	Sing Stk Rep Cond	1,347.9				
Affected	10100401	Residual Oil		0.298 1	147.0 1000 Gal	151.00	22,197	67.0	AP-42	4.9				
002			810							1,394.0	0.994	463.1	463.1	348.5
Affected	10100202	Bituminous Coal		0.427 1	106,417.0 Tons	26.00	2,766,842	26.0	Sing Stk Rep Cond	1,383.4				
Affected	10100401	Residual Oil		0.851 1	315.0 1000 Gal	150.00	47,250	67.0	AP-42	10.6				
003			810							1,859.9	0.996	617.8	617.8	465.0
Affected	10100202	Bituminous Coal		0.362 1	142,055.0 Tons	26.00	3,693,430	26.0	Sing Stk Rep Cond	1,846.7				
Affected	10100401	Residual Oil		0.741 1	395.0 1000 Gal	151.00	59,645	67.0	AP-42	13.2				
004			4,785							2,583.5	0.500	1,446.7	1,033.4	775.1
Affected	10100401	Residual Oil		0.481 1	68,435.0 1000 Gal	151.00	10,333,685	75.5	Sing Stk Rep Cond	2,583.4				
Affected	10100501	Distillate Oil		0.375 1	3.0 1000 Gal	140.00	420	20.0	AP-42	0.0				
011 Franklin Co - Inner Zone - Serious														
0032	INDECK									102.1	0.577	58.4	58.4	58.4
Baseline	001	10200219 Bituminous Coal	240	0.420 4	13,608.0 Tons	26.00	353,808	15.0	AP-42	102.1	0.577	58.4	58.4	58.4
013 Hampden Co - Inner Zone - Serious														
0001	MASS.WHOLESALE ELEC.	*042 0001*M								543.3	0.300	370.9	370.9	370.9
001			952							151.7	0.300	102.2	102.2	102.2
Baseline	20100101	Distillate Oil		0.292 1	742.2 1000 Gal	140.00	103,908	42.0	Sing Stk Rep Cond	15.6				
Baseline	20100201	Natural Gas		0.576 1	864.1 10x6 Cu Ft	1,050.00	907,305	315.0	Sing Stk Rep Cond	136.1				
002			952							218.0	0.300	145.8	145.8	145.8
Baseline	20100101	Distillate Oil		0.161 1	346.5 1000 Gal	140.00	48,510	42.0	Sing Stk Rep Cond	7.3				
Baseline	20100201	Natural Gas		0.688 1	1,338.2 10x6 Cu Ft	1,050.00	1,405,110	315.0	Sing Stk Rep Cond	210.8				
003			952							154.9	0.300	104.2	104.2	104.2
Baseline	20100101	Distillate Oil		0.269 1	705.9 1000 Gal	140.00	98,826	42.0	Sing Stk Rep Cond	14.8				
Baseline	20100201	Natural Gas		0.619 1	889.3 10x6 Cu Ft	1,050.00	933,765	315.0	Sing Stk Rep Cond	140.1				
004	20100101	Distillate Oil	952	0.659 1	441.9 1000 Gal	140.00	61,866	42.0	Sing Stk Rep Cond	9.3	0.300	9.3	9.3	9.3
Baseline	20100101	Distillate Oil	952	0.675 1	445.9 1000 Gal	140.00	62,426	42.0	Sing Stk Rep Cond	9.4	0.300	9.4	9.4	9.4
0038 HOLYOKE GAS&ELEC CABOT														
001			347							83.3	0.515	45.3	44.4	43.8
Affected	10100401	Residual Oil		0.010 1	16.8 1000 Gal	150.00	2,520	67.0	AP-42	0.6				
Affected	10100601	Natural Gas		0.171 1	19.2 10x6 Cu Ft	1,050.00	20,160	550.0	AP-42	5.3				
002			200							77.4	0.501	42.1	42.1	42.1
Baseline	10100401	Residual Oil		0.176 1	235.6 1000 Gal	150.00	35,340	67.0	AP-42	7.9				
Baseline	10100601	Natural Gas		0.566 1	252.9 10x6 Cu Ft	1,050.00	265,545	550.0	AP-42	89.5				
0040 HWP MT. TOM STATION														
001										2,378.8	1.000	1,070.8	832.6	594.7
Affected	10100202	Bituminous Coal	1,450	0.436 1	182,986.0 Tons	26.00	4,757,636	26.0	Mul Stk Non-1990	2,378.8	1.000	1,070.5	832.6	594.7

Final OTC NOx Baseline Inventory

Massachusetts

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)			
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III	
013 Hampden Co - Inner Zone - Serious															
		0117 WESTERN MASS.ELEC CO	*042 0117*M							136.8	0.268	126.7	102.3	76.8	
	001		658							6.3	0.269	5.7	4.9	3.7	
Affected		10100404	Residual Oil		0.139 1	275.1	1000 Gal	150.50	41,403	42.0 AP-42		5.8			
Affected		10100501	Distillate Oil		0.337 3	54.3	1000 Gal	140.00	7,602	20.0 AP-42		0.5			
Affected	002	10100404	Residual Oil	658	0.481 1	1,090.6	1000 Gal	150.50	164,135	42.0 AP-42		22.9	0.279	20.5	
Affected	003		1,154								107.0	0.268	100.1	80.6	
Affected		10100404	Residual Oil		0.208 1	1,649.3	1000 Gal	150.50	248,220	42.0 AP-42		34.8			
Affected		10100501	Distillate Oil		0.240 3	85.2	1000 Gal	140.00	11,928	20.0 AP-42		0.9			
Affected		10100604	Natural Gas		0.240 3	520.1	10x6 Cu Ft	1,050.00	546,105	275.0 AP-42		71.5			
Baseline	004	20100901	Kerosene/Naphtha	252	0.540 1	18.2	1000 Gal	133.40	2,428	67.8 AP-42		0.6	0.508	0.4	0.4
017 Middlesex Co - Inner Zone - Serious															
		0092 COM.ELECT-BLACKSTONE	*119 0092*M							45.9	0.532	24.2	24.2	24.2	
	001		179							11.4	0.528	6.0	6.0	6.0	
Baseline		10100401	Residual Oil		0.400 2	33.6	1000 Gal	151.61	5,094	67.0 AP-42		1.1			
Baseline		10100601	Natural Gas		0.746 2	37.5	10x6 Cu Ft	1,000.00	37,500	550.0 AP-42		10.3			
	002		179								4.9	0.469	2.6	2.6	
Baseline		10100401	Residual Oil		0.036 2	33.6	1000 Gal	152.04	5,109	67.0 AP-42		1.1			
Baseline		10100601	Natural Gas		0.340 2	13.7	10x6 Cu Ft	1,000.00	13,700	550.0 AP-42		3.8			
	003		235								13.1	0.482	6.9	6.9	
Baseline		10100401	Residual Oil		0.038 2	54.6	1000 Gal	152.04	8,301	67.0 AP-42		1.8			
Baseline		10100601	Natural Gas		0.357 2	40.9	10x6 Cu Ft	1,000.00	40,900	550.0 AP-42		11.2			
	004		235								16.5	0.482	8.7	8.7	
Baseline		10100401	Residual Oil		0.047 2	67.2	1000 Gal	151.93	10,210	67.0 AP-42		2.3			
Baseline		10100601	Natural Gas		0.461 2	51.8	10x6 Cu Ft	1,000.00	51,800	550.0 AP-42		14.2			
0093 COM.ELECTRIC-KENDALL															
		001	273							327.4	0.538	170.8	122.3	92.0	
Affected		10100401	Residual Oil		0.174 2	319.2	1000 Gal	148.31	47,341	67.0 AP-42		75.8	0.504	39.8	
Affected		10100601	Natural Gas		0.690 2	236.7	10x6 Cu Ft	1,000.00	236,700	550.0 AP-42		65.1			
	002		273								44.5	0.504	23.2	16.6	
Affected		10100401	Residual Oil		0.133 2	142.8	1000 Gal	148.40	21,192	67.0 AP-42		4.8			
Affected		10100601	Natural Gas		0.725 2	144.5	10x6 Cu Ft	1,000.00	144,500	550.0 AP-42		39.7			
	003		409								204.9	0.508	106.9	76.4	
Affected		10100401	Residual Oil		0.132 2	651.0	1000 Gal	150.35	97,878	67.0 AP-42		21.8			
Affected		10100601	Natural Gas		0.614 2	665.9	10x6 Cu Ft	1,000.00	665,900	550.0 AP-42		183.1			
Baseline	006	20100901	Kerosene/Naphtha	257	0.417 3	28.8	1000 Gal	135.00	3,888	67.8 AP-42		1.0	0.502	0.4	
Baseline	007	20100901	Kerosene/Naphtha	257	0.417 3	35.9	1000 Gal	135.00	4,847	67.8 AP-42		1.2	0.502	0.5	
0128 BOSTON EDISON MYSTIC															
		001	5,505							2,829.7	0.269	2,320.7	2,101.5	1,576.3	
Affected		10100404	Residual Oil		0.178 1	9,680.0	1000 Gal	150.00	1,452,000	42.0 AP-42		1,795.0	0.267	1,397.0	
Affected		10100604	Natural Gas		0.537 1	11,576.4	10x6 Cu Ft	1,050.00	12,155,220	275.0 AP-42		1,591.8			
	002		1,420								338.4	0.279	302.3	242.4	
Affected		10100404	Residual Oil		0.495 1	16,071.0	1000 Gal	150.00	2,410,650	42.0 AP-42		337.5			
Affected		10100501	Distillate Oil		0.417 3	92.2	1000 Gal	140.00	12,908	20.0 AP-42		0.9			

Final OTC NOx Baseline Inventory

Massachusetts

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)
										Five Month	Emission Rate (lbs/10x6 Btu)	

017 Middlesex Co - Inner Zone - Serious

0128 BOSTON EDISON MYSTIC *119 0128*M											2,829.7	0.269	2,320.7	2,101.5	1,576.3	
003											293.7	0.279	262.3	210.4	157.8	
Affected	10100404	Residual Oil	1,510	0.437 1	13,944.0	1000 Gal	150.00	2,091,800	42.0 AP-42		292.8					
Affected	10100501	Distillate Oil		0.417 3	85.5	1000 Gal	140.00	11,970	20.0 AP-42		0.9					
	004		1,420								401.3	0.279	358.5	287.5	215.6	
Affected	10100404	Residual Oil		0.442 1	19,053.0	1000 Gal	150.00	2,857,950	42.0 AP-42		400.1					
Affected	10100501	Distillate Oil		0.417 3	123.4	1000 Gal	140.00	17,276	20.0 AP-42		1.2					
Baseline	005	20100101	Distillate Oil	198	0.417 3	19.6	1000 Gal	140.00	2,744	97.7 AP-42		1.0	0.698	0.5	0.5	0.5
Baseline	006	10100401	Residual Oil	248	0.417 3	6.7	1000 Gal	150.00	1,005	67.0 AP-42		0.2	0.446	0.2	0.2	0.2

0265 LOWELL COGEN

0265 LOWELL COGEN											104.8	0.316	66.5	66.5	66.5	
001											104.8	0.316	66.5	66.5	66.5	
Baseline	20100101	Distillate Oil	286	0.403 1	47.7	1000 Gal	138.50	6,806	42.8 1990 Other CEMS		1.0					
Baseline	20100201	Natural Gas		0.403 1	643.0	10x6 Cu Ft	1,023.00	657,789	322.9 1990 Other CEMS		103.8					

0500 STATION 240

0500 STATION 240											2.8	0.698	1.3	1.3	1.3
001 20100101 Distillate Oil											0.9	0.698	0.4	0.4	0.4
Baseline	002 20100101	Distillate Oil	198	0.420 4	19.7	1000 Gal	140.00	2,758	97.7 AP-42		1.0	0.698	0.5	0.5	0.5
Baseline	003 20100101	Distillate Oil	198	0.420 4	18.9	1000 Gal	140.00	2,846	97.7 AP-42		0.9	0.698	0.4	0.4	0.4

4040 PEPPERELL POWER

4040 PEPPERELL POWER											74.4	0.143	74.2	74.2	74.2	
001											74.4	0.143	74.2	74.2	74.2	
Baseline	20100101	Distillate Oil	390	0.476 1	266.1	1000 Gal	140.00	37,254	32.2 Non-1990 Other CEMS		4.3					
Baseline	20100201	Natural Gas		0.460 1	968.3	10x6 Cu Ft	1,034.00	1,001,222	144.8 Non-1990 Other CEMS		70.1					

021 Norfolk Co - Inner Zone - Serious

0133 STATION 446											17.0	0.601	7.8	7.8	7.8	
001											3.1	0.595	1.4	1.4	1.4	
Baseline	20100101	Distillate Oil	337	0.530 3	42.1	1000 Gal	140.00	5,894	97.7 AP-42		2.1					
Baseline	20100201	Natural Gas		0.530 3	4.6	10x6 Cu Ft	1,000.00	4,800	462.0 AP-42		1.1					
	002		337								3.1	0.595	1.4	1.4	1.4	
Baseline	20100101	Distillate Oil		0.530 3	42.2	1000 Gal	140.00	5,908	97.7 AP-42		2.1					
Baseline	20100201	Natural Gas		0.530 3	4.6	10x6 Cu Ft	1,000.00	4,800	462.0 AP-42		1.1					
	003		337								2.6	0.624	1.3	1.3	1.3	
Baseline	20100101	Distillate Oil		0.530 3	44.6	1000 Gal	140.00	8,244	97.7 AP-42		2.2					
Baseline	20100201	Natural Gas		0.530 3	2.9	10x6 Cu Ft	1,000.00	2,900	462.0 AP-42		0.7					
	004		337								2.6	0.624	1.3	1.3	1.3	
Baseline	20100101	Distillate Oil		0.530 3	44.6	1000 Gal	140.00	8,244	97.7 AP-42		2.2					
Baseline	20100201	Natural Gas		0.530 3	2.9	10x6 Cu Ft	1,000.00	2,900	462.0 AP-42		0.7					
	005		337								2.6	0.585	1.2	1.2	1.2	
Baseline	20100101	Distillate Oil		0.530 3	32.4	1000 Gal	140.00	4,536	97.7 AP-42		1.8					
Baseline	20100201	Natural Gas		0.530 3	4.2	10x6 Cu Ft	1,000.00	4,200	462.0 AP-42		1.0					
	006		337								2.6	0.585	1.2	1.2	1.2	
Baseline	20100101	Distillate Oil		0.530 3	32.4	1000 Gal	140.00	4,536	97.7 AP-42		1.8					
Baseline	20100201	Natural Gas		0.530 3	4.2	10x6 Cu Ft	1,000.00	4,200	462.0 AP-42		1.0					

Final OTC NOx Baseline Inventory

Massachusetts

Point-Segment Level Data

06/28/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)			
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III	
021 Norfolk Co - Inner Zone - Serious															
	0227 EDGAR STATION									1.8	0.698	0.9	0.9	0.9	
Baseline	001	20100101 Distillate Oil	198	0.420 4	17.4	1000 Gal	140.00	2,436	97.7 AP-42		0.9	0.698	0.4	0.4	
Baseline	002	20100101 Distillate Oil	198	0.420 4	19.5	1000 Gal	140.00	2,730	97.7 AP-42		1.0	0.698	0.5	0.5	
	0491 BRAINTREE ELECTRIC				*119 0491*M					176.1	0.444	79.5	79.5	79.5	
					852					176.1	0.447	79.5	79.5	79.5	
Baseline		20100101 Distillate Oil		0.300 1	89.4	1000 Gal	140.00	12,516	97.7 AP-42		4.4				
Baseline		20100201 Natural Gas		0.520 1	743.6	10x6 Cu Ft	1,050.00	780,780	462.0 AP-42		171.8				
025 Suffolk Co - Inner Zone - Serious															
	0012 BOSTON EDISON N.BOST				*119 0012*M					5,253.2	0.549	2,059.4	1,915.0	1,438.4	
Affected		10100401 Residual Oil		0.247 2	11,558.4	1000 Gal	151.52	1,751,329	75.8 Mul Stk Non-1990		2,380.7	0.535	939.1	869.0	651.8
Affected		10100601 Natural Gas		0.699 2	6,712.5	10x6 Cu Ft	1,033.72	6,938,846	578.9 Mul Stk Non-1990		1,942.9				
					3,680					2,871.1	0.532	1,119.6	1,045.3	784.0	
Affected		10100401 Residual Oil		0.170 2	12,234.6	1000 Gal	151.89	1,858,313	75.9 Mul Stk Non-1990		484.8				
Affected		10100601 Natural Gas		0.717 2	8,315.5	10x6 Cu Ft	1,033.56	8,594,568	578.8 Mul Stk Non-1990		2,406.5				
Baseline	003	20100101 Distillate Oil	202	0.417 3	29.4	1000 Gal	140.00	4,116	97.7 AP-42		1.4	0.698	0.7	0.7	0.7
	0507 TRIGEN-BOST.ENER.COR				*119 0507*M					425.7	0.471	253.1	180.8	135.6	
					500					101.7	0.461	61.8	44.2	33.1	
Affected		10200401 Residual Oil		0.417 3	1,183.4	1000 Gal	150.00	177,510	55.0 AP-42		32.5				
Affected		10200601 Natural Gas		0.417 3	251.5	10x6 Cu Ft	1,050.00	264,075	550.0 AP-42		69.2				
					500					87.7	0.461	53.3	38.1	28.6	
Affected		10200401 Residual Oil		0.417 3	1,022.1	1000 Gal	150.00	153,315	55.0 AP-42		28.1				
Affected		10200601 Natural Gas		0.417 3	216.8	10x6 Cu Ft	1,050.00	227,640	550.0 AP-42		59.8				
					600					134.6	0.495	76.2	54.4	40.8	
Affected		10200401 Residual Oil		0.417 3	670.1	1000 Gal	150.00	100,515	55.0 AP-42		18.4				
Affected		10200601 Natural Gas		0.417 3	422.4	10x6 Cu Ft	1,050.00	443,520	550.0 AP-42		116.2				
					500					101.7	0.461	61.8	44.2	33.1	
Affected		10200401 Residual Oil		0.417 3	1,183.4	1000 Gal	150.00	177,510	55.0 AP-42		32.5				
Affected		10200601 Natural Gas		0.417 3	251.5	10x6 Cu Ft	1,050.00	264,075	550.0 AP-42		69.2				

Detail Report - Five Month Data

Final OTC NOx Baseline Inventory
New Hampshire

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Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline Emission Rate (lbs/10x6 Btu)		Target (Point Level)		
										Five Month	Emission Rate	RACT Phase II	Phase III	
013 Merrimack Co - Inner Zone - Marginal														
	0026 PSNH, MERRIMACK STATION									9,558.3	2,055	5,697.1	3,345.4	2,389.6
	001	10100203 Bituminous Coal	1,093	0.388 1	127,447.0 Tons	27.00	3,387,514	34.2 State Factor		2,179.1	1,310	1,558.4	762.7	544.8
Affected		10100501 Distillate Oil		0.526 1	10.0 1000 Gal	139.00	1,401	20.0 AP-42		2,179.0		0.1		
	002	10100203 Bituminous Coal	3,473	0.335 1	223,076.0 Tons	27.00	5,912,201	66.2 State Factor		7,379.2	2,432	4,138.7	2,582.7	1,844.8
Affected		10100501 Distillate Oil		0.485 1	16.0 1000 Gal	139.00	2,247	20.0 AP-42		7,379.0		0.2		
015 Rockingham Co - Inner Zone - Serious														
	0012 PSNH, SCHILLER									1,091.0	0.568	862.7	392.5	289.9
Affected	002	10100401 Residual Oil	430	0.546 1	2,313.0 1000 Gal	155.00	359,797	67.4 AP-42		78.0	0.434	77.7	36.0	27.0
	004	10100202 Bituminous Coal	574	0.165 1	10,592.0 Tons	26.00	277,499	28.2 State Factor		324.0	0.758	254.4	113.8	85.3
Affected		10100401 Residual Oil		0.672 1	5,535.0 1000 Gal	155.00	860,127	66.8 AP-42		139.0		185.0		
	005	10100202 Bituminous Coal	574	0.227 1	10,485.0 Tons	26.00	275,313	26.3 State Factor		336.0	0.701	266.8	119.2	89.4
Affected		10100401 Residual Oil		0.669 1	5,913.0 1000 Gal	155.00	916,527	67.0 AP-42		138.0		196.0		
	006	10100202 Bituminous Coal	574	0.182 1	13,506.0 Tons	26.00	354,966	26.4 State Factor		353.0	0.794	263.7	123.6	88.3
Affected		10100401 Residual Oil		0.726 1	5,220.0 1000 Gal	155.00	810,122	67.1 AP-42		178.0		175.0		
	0054 PSNH, NEWINGTON									2,296.9	0.539	1,487.5	853.1	639.8
	001	10100404 Residual Oil	4,350	0.394 1	54,758.0 1000 Gal	155.00	8,477,712	83.8 State Factor		2,296.9	0.543	1,487.5	853.1	639.8
Affected		10100501 Distillate Oil		0.333 1	390.0 1000 Gal	138.00	52,977	20.0 AP-42		2,293.0		3.9		

Final OTC NOx Baseline Inventory

New Jersey

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)			
										Five Month	Emission Rate (lbs/10x6 Btu)	HACT	Phase II	Phase III	
001 Atlantic Co - Inner Zone - Moderate															
0002 AC ELEC CO - MISSOURI															
Baseline	101	20100901 Kerosene/Naphtha	313	0.533 1	111.9 1000 Gal	133.70	14,981	67.2 State Factor		14.0	0.502	11.2	11.2	11.2	
Baseline	111	20100901 Kerosene/Naphtha	313	0.624 1	165.7 1000 Gal	133.74	22,180	67.1 State Factor		3.8	0.500	3.0	3.0	3.0	
Baseline	121	20100901 Kerosene/Naphtha	313	0.558 1	139.9 1000 Gal	133.65	18,697	67.0 State Factor		5.6	0.500	4.4	4.4	4.4	
										4.7	0.500	3.7	3.7	3.7	
003 Bergen Co - Inner Zone - Severe															
0012 PSE&G - BERGEN															
Affected	011	10100601 Natural Gas	2,625								4,630.7	1.077	880.1	880.1	880.1
											2,347.0	1.088	434.6	434.6	434.6
Affected	021	10100601 Natural Gas	2,625	0.536 1	4,208.6 10x6 Cu Ft	1,033.22	4,346,343	*** Mul Stk Non-1990			2,347.0				
Baseline	031	20100201 Natural Gas	327	0.776 1	4,071.5 10x6 Cu Ft	1,033.22	4,208,755	*** Mul Stk Non-1990			2,271.7	1.089	420.7	420.7	420.7
					46.4 10x6 Cu Ft	1,033.21	47,941	516.8 Mul Stk Non-1990			2,271.7				
										12.0	0.500	4.8	4.8	4.8	
0603 PRIME ENERGY LIMITED PARTNERSHIP															
Affected	021	20100101 Distillate Oil	700								225.4	0.192	223.1	223.1	223.1
Baseline		20100101 Distillate Oil	0.172 1		239.6 1000 Gal	140.00	33,544	74.9 Mul Stk 1990			225.4	0.202	223.1	223.1	223.1
Baseline		20100201 Natural Gas	0.434 1		2,204.1 10x6 Cu Ft	1,050.00	2,314,305	198.4 Mul Stk 1990			216.4				
005 Burlington Co - Inner Zone - Severe															
0003 PSE&G - BURLINGTON															
Affected	031	10100401 Residual Oil	1,950	0.531 1	6,449.7 1000 Gal	149.99	987,395	70.5 State Factor			359.4	0.554	201.3	182.6	138.4
Baseline	041	20100901 Kerosene/Naphtha	327	0.676 1	38.1 1000 Gal	133.99	5,105	120.7 Mul Stk Non-1990			227.3	0.470	135.4	96.7	72.6
Baseline	121	20100801 Kerosene/Naphtha	401	0.594 1	95.9 1000 Gal	134.15	12,865	107.4 Mul Stk Non-1990			2.3	0.900	1.0	1.0	1.0
Baseline	131	20100901 Kerosene/Naphtha	401	0.594 1	95.9 1000 Gal	134.15	12,865	107.4 Mul Stk Non-1990			5.2	0.800	2.6	2.6	2.6
Baseline	141	20100901 Kerosene/Naphtha	401	0.658 1	95.9 1000 Gal	134.15	12,865	107.4 Mul Stk Non-1990			5.2	0.800	2.6	2.6	2.6
Baseline	151	20100901 Kerosene/Naphtha	401	0.658 1	95.9 1000 Gal	134.15	12,865	107.4 Mul Stk Non-1990			5.2	0.800	2.6	2.6	2.6
Baseline	161	20100901 Kerosene/Naphtha	401	0.470 1	95.9 1000 Gal	134.15	12,865	107.4 Mul Stk Non-1990			5.2	0.800	2.6	2.6	2.6
Baseline	171	20100901 Kerosene/Naphtha	401	0.470 1	95.9 1000 Gal	134.15	12,865	107.4 Mul Stk Non-1990			5.2	0.800	2.6	2.6	2.6
Baseline	181	20100901 Kerosene/Naphtha	401	0.563 1	95.9 1000 Gal	134.15	12,865	107.4 Mul Stk Non-1990			5.2	0.800	2.6	2.6	2.6
Baseline	191	20100901 Kerosene/Naphtha	401	0.563 1	95.9 1000 Gal	134.15	12,865	107.4 Mul Stk Non-1990			5.2	0.800	2.6	2.6	2.6
Baseline	201	20100901 Kerosene/Naphtha	427	0.438 1	94.9 1000 Gal	134.10	12,726	107.3 Mul Stk Non-1990			5.1	0.800	2.5	2.5	2.5
Baseline	211	20100901 Kerosene/Naphtha	427	0.438 1	94.9 1000 Gal	134.10	12,726	107.3 Mul Stk Non-1990			5.1	0.800	2.5	2.5	2.5
Baseline	221	20100901 Kerosene/Naphtha	427	0.511 1	94.9 1000 Gal	134.10	12,726	107.3 Mul Stk Non-1990			5.1	0.800	2.5	2.5	2.5
Baseline	231	20100901 Kerosene/Naphtha	427	0.511 1	94.9 1000 Gal	134.10	12,726	107.3 Mul Stk Non-1990			5.1	0.800	2.5	2.5	2.5
Baseline	241	20100901 Kerosene/Naphtha	427	0.583 1	94.9 1000 Gal	134.10	12,726	107.3 Mul Stk Non-1990			5.1	0.800	2.5	2.5	2.5
Baseline	251	20100901 Kerosene/Naphtha	427	0.583 1	94.9 1000 Gal	134.10	12,726	107.3 Mul Stk Non-1990			5.1	0.800	2.5	2.5	2.5
Baseline	261	20100901 Kerosene/Naphtha	427	0.416 1	94.9 1000 Gal	134.10	12,726	107.3 Mul Stk Non-1990			5.1	0.800	2.5	2.5	2.5
Baseline	271	20100901 Kerosene/Naphtha	427	0.416 1	94.9 1000 Gal	134.10	12,726	107.3 Mul Stk Non-1990			5.1	0.800	2.5	2.5	2.5
Baseline	281	20100901 Kerosene/Naphtha	401	0.692 1	111.4 1000 Gal	134.22	14,952	107.4 Mul Stk Non-1990			6.0	0.800	3.0	3.0	3.0
Baseline	291	20100901 Kerosene/Naphtha	401	0.692 1	111.4 1000 Gal	134.22	14,952	107.4 Mul Stk Non-1990			6.0	0.800	3.0	3.0	3.0
Baseline	301	20100901 Kerosene/Naphtha	401	0.688 1	111.4 1000 Gal	134.22	14,952	107.4 Mul Stk Non-1990			6.0	0.800	3.0	3.0	3.0
Baseline	311	20100901 Kerosene/Naphtha	401	0.688 1	111.4 1000 Gal	134.22	14,952	107.4 Mul Stk Non-1990			6.0	0.800	3.0	3.0	3.0
Baseline	321	20100901 Kerosene/Naphtha	401	0.521 1	111.4 1000 Gal	134.22	14,952	107.4 Mul Stk Non-1990			6.0	0.800	3.0	3.0	3.0
Baseline	331	20100901 Kerosene/Naphtha	401	0.521 1	111.4 1000 Gal	134.22	14,952	107.4 Mul Stk Non-1990			6.0	0.800	3.0	3.0	3.0
Baseline	341	20100901 Kerosene/Naphtha	401	0.510 1	111.4 1000 Gal	134.22	14,952	107.4 Mul Stk Non-1990			6.0	0.800	3.0	3.0	3.0

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Point-Segment Level Data

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Affected Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
									Five Month	Emission Rate (lbs/10x6 Btu)	HACT	Phase II	Phase III

005 Burlington Co - Inner Zone - Severe

0003 PSE&G - BURLINGTON																	
Baseline	351	20100901	Kerosene/Naphtha	401	0.510	1	111.4	1000 Gal	134.22	14,952	107.4	Mul Stk Non-1990	359.4 6.0	0.554 0.800	201.3 3.0	162.6 3.0	138.4 3.0

009 Cape May Co - Inner Zone - Moderate

0001 AC ELEC CO - B.L. ENGL																	
Affected	011	10100203	Bituminous Coal	1,300	0.416	1	120,172.6	Tons	25.41	3,053,588	38.2	State Factor	5,009.2 2,172.6	1.199 1.420	2,179.3 916.1	1,838.9 760.4	1,317.9 543.2
Affected	021	10100203	Bituminous Coal	1,600	0.429	1	144,600.8	Tons	25.34	3,664,185	36.1	State Factor	2,607.1 2,607.1	1.420 1.420	1,099.3 912.5	912.5 651.8	651.8
Affected	031	10100404	Residual Oil	1,720	0.489	1	10,846.0	1000 Gal	151.17	1,639,583	42.3	State Factor	229.5 229.5	0.280 0.280	164.0 164.0	164.0 123.0	123.0

0013 AC ELEC CO - MIDDLE ST

0013 AC ELEC CO - MIDDLE ST																	
Baseline	031	20100901	Kerosene/Naphtha	246	0.623	1	313.4	1000 Gal	133.62	41,876	66.9	State Factor	25.5 10.5	0.501 0.500	20.4 8.4	20.4 8.4	20.4 8.4
Baseline	041	20100901	Kerosene/Naphtha	246	0.718	1	266.0	1000 Gal	133.63	35,545	66.9	State Factor	8.9 6.1	0.500 0.500	7.1 4.9	7.1 4.9	7.1 4.9
Baseline	051	20100901	Kerosene/Naphtha	566	0.596	1	183.2	1000 Gal	133.65	24,484	66.9	State Factor	6.1 6.1	0.500 0.500	4.9 4.9	4.9 4.9	4.9 4.9

011 Cumberland Co - Inner Zone - Severe

0020 VINELAND MUNICIPAL ELECTRIC UTILITY																			
Affected	051	10100401	Residual Oil	270	0.415	2	659.4	1000 Gal	150.00	98,910	66.9	Sing Stk Rep Cond	84.7 22.1 62.6	0.449 0.450 0.609	52.8 13.8 39.0	37.7 9.9 27.8	28.3 7.4 20.9		
Affected		10100401	Residual Oil	357			1,000	2	1,855.0	1000 Gal	150.00	278,250	67.5 62.6	Sing Stk Rep Cond	62.6 62.6	24.5 24.5	24.5 12.2	24.5 12.2	24.5 12.2

0048 AC ELEC CO - CARLL'S C

0048 AC ELEC CO - CARLL'S C																	
	021			646													
Baseline		20100201	Natural Gas		0.582	1	116.7	10x6 Cu Ft	1,041.52	121,545	721.9	Sing Stk Rep Cond	85.0 42.1	0.693 0.700	24.5 12.2	24.5 12.2	24.5 12.2
Baseline	031	20100201	Natural Gas	660	0.705	1	118.8	10x6 Cu Ft	1,041.86	123,773	722.1	Sing Stk Rep Cond	42.9 42.9	0.708 0.708	12.4 12.4	12.4 12.4	12.4 12.4

0171 VINELAND MUNICIPAL ELECTRIC UTILITY

0171 VINELAND MUNICIPAL ELECTRIC UTILITY																	
Baseline	021	20100101	Distillate Oil	417	0.701	2	365.5	1000 Gal	140.00	51,170	92.0	Sing Stk Rep Cond	16.8 16.8	0.857 0.660	10.2 10.2	10.2 10.2	10.2 10.2

0222 AC ELEC CO - CUMBERLAND

0222 AC ELEC CO - CUMBERLAND																	
Baseline	041	20100901	Kerosene/Naphtha	1,032	0.000	1	1,554.3	1000 Gal	135.00	209,833	9.9	State Factor	7.7 7.7	0.073 0.070	7.7 7.7	7.7 7.7	7.7 7.7

013 Essex Co - Inner Zone - Severe

0016 PSE&G - ESSEX																	
	021			377													
Baseline		20100201	Natural Gas		0.630	1	72.5	10x6 Cu Ft	1,032.17	74,832	619.3	Mul Stk Non-1990	679.8 22.6	0.493 0.621	246.4 7.5	246.4 7.5	246.4 7.5
Baseline		20100901	Kerosene/Naphtha		0.042	1	2.0	1000 Gal	135.00	270	130.0	Mul Stk Non-1990	22.5 0.1	0.621 0.621	7.5 7.5	7.5 7.5	7.5 7.5
	031			377													
Baseline		20100201	Natural Gas		0.630	1	72.5	10x6 Cu Ft	1,032.17	74,832	619.3	Mul Stk Non-1990	22.5 0.1	0.620 0.620	7.5 7.5	7.5 7.5	7.5 7.5
Baseline		20100901	Kerosene/Naphtha		0.042	1	2.0	1000 Gal	135.00	270	130.0	Mul Stk Non-1990	22.6 0.1	0.620 0.620	7.5 7.5	7.5 7.5	7.5 7.5
	041			377													
Baseline		20100201	Natural Gas		0.593	1	72.5	10x6 Cu Ft	1,032.17	74,832	619.3	Mul Stk Non-1990	22.5 22.5	0.620 0.620	7.5 7.5	7.5 7.5	7.5 7.5

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fec/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III
										679.8	0.493	246.4	246.4	246.4
										22.6	0.620	7.5	7.5	7.5
Baseline	041	20100901 Kerosene/Naphtha	405	0.040 1	2.0 1000 Gal	135.00	270	130.0 Mul Stk Non-1990		0.1				
Baseline	071	20100201 Natural Gas	377	0.593 1	72.5 10x6 Cu Ft	1,032.17	74,832	619.3 Mul Stk Non-1990		22.5	0.620	7.5	7.5	7.5
Baseline		20100901 Kerosene/Naphtha		0.040 1	2.0 1000 Gal	135.00	270	130.0 Mul Stk Non-1990		0.1				
Baseline	101	20100201 Natural Gas	377	0.572 1	72.5 10x6 Cu Ft	1,032.17	74,832	619.3 Mul Stk Non-1990		22.5	0.621	7.5	7.5	7.5
Baseline		20100901 Kerosene/Naphtha		0.037 1	2.0 1000 Gal	135.00	270	130.0 Mul Stk Non-1990		0.1				
Baseline	111	20100201 Natural Gas	377	0.572 1	72.5 10x6 Cu Ft	1,032.17	74,832	619.3 Mul Stk Non-1990		22.5	0.621	7.5	7.5	7.5
Baseline		20100901 Kerosene/Naphtha		0.037 1	2.0 1000 Gal	135.00	270	130.0 Mul Stk Non-1990		0.1				
Baseline	121	20100201 Natural Gas	377	0.642 1	72.5 10x6 Cu Ft	1,032.17	74,832	619.3 Mul Stk Non-1990		22.5	0.632	7.5	7.5	7.5
Baseline		20100901 Kerosene/Naphtha		0.027 1	2.0 1000 Gal	135.00	270	130.0 Mul Stk Non-1990		0.1				
Baseline	131	20100201 Natural Gas	377	0.642 1	72.5 10x6 Cu Ft	1,032.17	74,832	619.3 Mul Stk Non-1990		22.5	0.632	7.5	7.5	7.5
Baseline		20100901 Kerosene/Naphtha		0.027 1	2.0 1000 Gal	135.00	270	130.0 Mul Stk Non-1990		0.1				
Baseline	141	20100201 Natural Gas	422	0.663 1	102.8 10x6 Cu Ft	1,032.78	106,170	619.7 Mul Stk Non-1990		31.9	0.631	10.6	10.6	10.6
Baseline	151	20100201 Natural Gas	422	0.663 1	102.8 10x6 Cu Ft	1,032.78	106,170	619.7 Mul Stk Non-1990		31.9	0.631	10.6	10.6	10.6
Baseline	161	20100201 Natural Gas	422	0.593 1	102.8 10x6 Cu Ft	1,032.78	106,170	619.7 Mul Stk Non-1990		31.9	0.626	10.6	10.6	10.6
Baseline	171	20100201 Natural Gas	422	0.593 1	102.8 10x6 Cu Ft	1,032.78	106,170	619.7 Mul Stk Non-1990		31.9	0.626	10.6	10.6	10.6
Baseline	181	20100201 Natural Gas	422	0.615 1	102.8 10x6 Cu Ft	1,032.78	106,170	619.7 Mul Stk Non-1990		31.9	0.604	10.6	10.6	10.6
Baseline	191	20100201 Natural Gas	422	0.615 1	102.8 10x6 Cu Ft	1,032.78	106,170	619.7 Mul Stk Non-1990		31.9	0.604	10.6	10.6	10.6
Baseline	201	20100201 Natural Gas	422	0.717 1	102.8 10x6 Cu Ft	1,032.78	106,170	619.7 Mul Stk Non-1990		31.9	0.624	10.6	10.6	10.6
Baseline	211	20100201 Natural Gas	422	0.717 1	102.8 10x6 Cu Ft	1,032.78	106,170	619.7 Mul Stk Non-1990		31.9	0.624	10.6	10.6	10.6
Baseline	221	20100201 Natural Gas	422	0.812 1	86.6 10x6 Cu Ft	1,033.27	89,481	619.9 Mul Stk Non-1990		26.8	0.613	8.9	8.9	8.9
Baseline	231	20100201 Natural Gas	422	0.812 1	86.6 10x6 Cu Ft	1,033.27	89,481	619.9 Mul Stk Non-1990		26.8	0.613	8.9	8.9	8.9
Baseline	241	20100201 Natural Gas	422	0.871 1	86.6 10x6 Cu Ft	1,033.27	89,481	619.9 Mul Stk Non-1990		26.8	0.616	8.9	8.9	8.9
Baseline	251	20100201 Natural Gas	422	0.871 1	86.6 10x6 Cu Ft	1,033.27	89,481	619.9 Mul Stk Non-1990		26.8	0.616	8.9	8.9	8.9
Baseline	261	20100201 Natural Gas	422	0.818 1	86.6 10x6 Cu Ft	1,033.27	89,481	619.9 Mul Stk Non-1990		26.8	0.616	8.9	8.9	8.9
Baseline	271	20100201 Natural Gas	422	0.818 1	86.6 10x6 Cu Ft	1,033.27	89,481	619.9 Mul Stk Non-1990		26.8	0.616	8.9	8.9	8.9
Baseline	281	20100201 Natural Gas	422	0.541 1	86.6 10x6 Cu Ft	1,033.27	89,481	619.9 Mul Stk Non-1990		26.8	0.621	8.9	8.9	8.9
Baseline	291	20100201 Natural Gas	422	0.541 1	86.6 10x6 Cu Ft	1,033.27	89,481	619.9 Mul Stk Non-1990		26.8	0.621	8.9	8.9	8.9

Point-Segment Level Data

New Jersey

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III	
013 Essex Co - Inner Zone - Severe														
Baseline	0016 PSE&G - ESSEX	351 20100201 Natural Gas	1,059	0.398 1	573.5 10x6 Cu Ft	1,032.74	592,276	103.3 State Factor		679.8 29.6	0.493 0.100	248.4 29.6	248.4 29.6	248.4 29.6
015 Gloucester Co - Inner Zone - Severe														
0004 COASTAL EAGLE POINT OIL COMPANY														
Affected	841 10200401 Residual Oil			0.417 3	667.5 1000 Gal	150.00	100,125	67.1 State Factor		790.5 197.6	0.514 0.511	430.8 107.7	307.8 76.9	230.7 57.7
Affected	10200701 Process Gas			0.417 3	637.0 10x6 Cu Ft	1,050.00	668,850	550.2 State Factor		22.4 175.2				
Affected	851 10200401 Residual Oil			0.417 3	667.5 1000 Gal	150.00	100,125	67.1 State Factor		197.6 197.6	0.511 0.511	107.7 107.7	76.9 76.9	57.7 57.7
Affected	10200701 Process Gas			0.417 3	637.0 10x6 Cu Ft	1,050.00	668,850	550.2 State Factor		22.4 175.2				
Affected	861 10200401 Residual Oil			0.417 3	667.5 1000 Gal	150.00	100,125	67.1 State Factor		197.6 197.6	0.511 0.511	107.7 107.7	76.9 76.9	57.7 57.7
Affected	10200701 Process Gas			0.417 3	637.0 10x6 Cu Ft	1,050.00	668,850	550.2 State Factor		22.4 175.2				
Affected	871 10200401 Residual Oil			0.417 3	667.5 1000 Gal	150.00	100,125	67.1 State Factor		197.6 197.6	0.511 0.511	107.7 107.7	76.9 76.9	57.7 57.7
Affected	10200701 Process Gas			0.417 3	637.0 10x6 Cu Ft	1,050.00	668,850	550.2 State Factor		22.4 175.2				
0006 MOBIL OIL CORPORATION														
Affected	011 10200401 Residual Oil			0.347 1	1,083.0 1000 Gal	149.99	162,444	60.0 Industry Factor		671.2 109.0	0.400 0.401	469.9 76.3	335.6 54.5	251.7 40.9
Affected	10200701 Process Gas			0.382 1	318.6 10x6 Cu Ft	1,200.00	382,321	480.0 Industry Factor		32.5 76.5				
Affected	012 10200401 Residual Oil			0.347 1	1,083.0 1000 Gal	149.99	162,444	60.0 Industry Factor		109.0 109.0	0.401 0.401	76.3 76.3	54.5 54.5	40.9 40.9
Affected	10200701 Process Gas			0.382 1	318.6 10x6 Cu Ft	1,200.00	382,321	480.0 Industry Factor		32.5 76.5				
Affected	021 10200401 Residual Oil			0.347 1	1,083.0 1000 Gal	149.99	162,444	60.0 Industry Factor		109.0 109.0	0.401 0.401	76.3 76.3	54.5 54.5	40.9 40.9
Affected	10200701 Process Gas			0.382 1	318.6 10x6 Cu Ft	1,200.00	382,321	480.0 Industry Factor		32.5 76.5				
Affected	022 10200401 Residual Oil			0.327 1	954.4 1000 Gal	149.99	143,153	60.0 Industry Factor		100.0 28.8	0.401 0.401	70.0 70.0	50.0 50.0	37.5 37.5
Affected	10200701 Process Gas			0.405 1	297.4 10x6 Cu Ft	1,200.00	356,833	480.0 Industry Factor		71.4				
Affected	041 10200401 Residual Oil			0.406 1	338.4 1000 Gal	150.01	50,764	60.0 Industry Factor		30.5 10.2	0.401 0.401	21.4 21.4	15.3 15.3	11.5 11.5
Affected	10200701 Process Gas			0.326 1	85.0 10x6 Cu Ft	1,200.00	101,952	479.8 Industry Factor		20.4				
Affected	042 10200401 Residual Oil			0.325 1	2,046.8 1000 Gal	148.81	304,582	59.5 Industry Factor		213.9 60.9	0.401 0.401	149.7 149.7	106.9 106.9	80.2 80.2
Affected	10200701 Process Gas			0.406 1	637.2 10x6 Cu Ft	1,200.00	784,642	480.0 Industry Factor		152.9				
0037 AC ELEC CO - MICKELTON														
Baseline	011 20100201 Natural Gas	1,092	0.673 1	280.0 10x6 Cu Ft	1,042.15	291,802	562.8 AP-42			78.8 78.8	0.840 0.540	29.2 29.2	29.2 29.2	29.2 29.2
0999 PSE&G - NATIONAL														
Baseline	011 20100901 Kerosene/Naphtha	327	0.661 1	26.5 1000 Gal	134.15	3,555	120.8 Mul Stk Non-1990			1.6 1.6	0.900 0.900	0.7 0.7	0.7 0.7	0.7 0.7

Final OTC NOx Baseline Inventory

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)										
										Five Month	Emission Rate (lbs/10x6 Btu)											
017 Hudson Co - Inner Zone - Severe																						
0021 PSE&G - HUDSON																						
Affected	031	10100202 Bituminous Coal	6,072							13,793.8	1.422	3,871.5	3,871.5	3,452.9								
Affected		10100601 Natural Gas								11,800.8	1.757	3,282.0	3,282.0	2,950.2								
Affected	061		4,127							11,558.8												
Affected		10100601 Natural Gas		0.395 1	484,460.8 Tons	26.51	12,843,056	47.7		242.1												
Affected		10100601 Kerosene/Naphtha	288	0.553 1	689.5 10x6 Cu Ft	1,032.60	711,978	702.2 State Factor		1,969.7	0.680	579.3	579.3	492.4								
Baseline	081	20100901 Kerosene/Naphtha	288	0.460 1	5,610.4 10x6 Cu Ft	1,032.60	5,793,299	702.2 State Factor		1,969.7												
Baseline	082	20100901 Kerosene/Naphtha	288	0.579 1	47.9 1000 Gal	133.80	6,409	120.3 Mul Stk Non-1990		2.9	0.900	1.3	1.3	1.3								
Baseline	083	20100901 Kerosene/Naphtha	288	0.579 1	47.9 1000 Gal	133.80	6,409	120.3 Mul Stk Non-1990		2.9	0.900	1.3	1.3	1.3								
Baseline	084	20100901 Kerosene/Naphtha	288	0.579 1	47.9 1000 Gal	133.80	6,409	120.3 Mul Stk Non-1990		2.9	0.900	1.3	1.3	1.3								
Baseline	085	20100901 Kerosene/Naphtha	288	0.579 1	47.9 1000 Gal	133.80	6,409	120.3 Mul Stk Non-1990		2.9	0.900	1.3	1.3	1.3								
Baseline	086	20100901 Kerosene/Naphtha	288	0.579 1	47.9 1000 Gal	133.80	6,409	120.3 Mul Stk Non-1990		2.9	0.900	1.3	1.3	1.3								
Baseline	087	20100901 Kerosene/Naphtha	288	0.579 1	47.9 1000 Gal	133.80	6,409	120.3 Mul Stk Non-1990		2.9	0.900	1.3	1.3	1.3								
Baseline	088	20100901 Kerosene/Naphtha	288	0.579 1	47.9 1000 Gal	133.80	6,409	120.3 Mul Stk Non-1990		2.9	0.900	1.3	1.3	1.3								
0022 PSE&G - KEARNY																						
Affected	031	10100401 Residual Oil	1,865	0.592 1	4,032.5 1000 Gal	146.70	591,575	29.3 Mul Stk Non-1990		59.2	0.200	59.2	59.2	44.4								
Affected	041	10100401 Residual Oil	1,865	0.814 1	3,301.2 1000 Gal	146.70	484,286	29.3 Mul Stk Non-1990		48.4	0.200	48.4	48.4	36.3								
Baseline	051	20100901 Kerosene/Naphtha	483	0.335 1	119.1 1000 Gal	134.74	16,048	161.7 Mul Stk Non-1990		9.6	1.200	3.2	3.2	3.2								
Baseline	061	20100901 Kerosene/Naphtha	483	0.335 1	119.1 1000 Gal	134.74	16,048	161.7 Mul Stk Non-1990		9.6	1.200	3.2	3.2	3.2								
Baseline	071	20100901 Kerosene/Naphtha	483	0.335 1	119.1 1000 Gal	134.74	16,048	161.7 Mul Stk Non-1990		9.6	1.200	3.2	3.2	3.2								
Baseline	081	20100901 Kerosene/Naphtha	483	0.335 1	119.1 1000 Gal	134.74	16,048	161.7 Mul Stk Non-1990		9.6	1.200	3.2	3.2	3.2								
Baseline	091	20100901 Kerosene/Naphtha	483	0.335 1	119.1 1000 Gal	134.74	16,048	161.7 Mul Stk Non-1990		9.6	1.200	3.2	3.2	3.2								
Baseline	101	20100901 Kerosene/Naphtha	483	0.335 1	119.1 1000 Gal	134.74	16,048	161.7 Mul Stk Non-1990		9.6	1.200	3.2	3.2	3.2								
Baseline	111	20100901 Kerosene/Naphtha	483	0.335 1	119.1 1000 Gal	134.74	16,048	161.7 Mul Stk Non-1990		9.6	1.200	3.2	3.2	3.2								
Baseline	121	20100901 Kerosene/Naphtha	483	0.335 1	119.1 1000 Gal	134.74	16,048	161.7 Mul Stk Non-1990		9.6	1.200	3.2	3.2	3.2								
Baseline	151	20100201 Natural Gas	327	0.644 1	48.5 10x6 Cu Ft	1,031.92	50,048	515.9 Mul Stk Non-1990		12.5	0.500	5.0	5.0	5.0								
Baseline	161		328							4.1	0.500	1.6	1.6	1.6								
Baseline	162	20100201 Natural Gas	328	0.185 1	16.0 10x6 Cu Ft	1,030.00	16,480	515.0 Mul Stk Non-1990		4.1												
Baseline	163	20100201 Natural Gas	328	0.185 1	16.0 10x6 Cu Ft	1,030.00	16,480	515.0 Mul Stk Non-1990		4.1	0.500	1.6	1.6	1.6								
Baseline	164	20100201 Natural Gas	328	0.185 1	16.0 10x6 Cu Ft	1,030.00	16,480	515.0 Mul Stk Non-1990		4.1	0.500	1.6	1.6	1.6								
Baseline	165	20100201 Natural Gas	328	0.185 1	16.0 10x6 Cu Ft	1,030.00	16,480	515.0 Mul Stk Non-1990		4.1	0.500	1.6	1.6	1.6								
Baseline	166	20100201 Natural Gas	328	0.185 1	16.0 10x6 Cu Ft	1,030.00	16,480	515.0 Mul Stk Non-1990		4.1	0.500	1.6	1.6	1.6								
Baseline	167	20100201 Natural Gas	328	0.185 1	16.0 10x6 Cu Ft	1,030.00	16,480	515.0 Mul Stk Non-1990		4.1	0.500	1.6	1.6	1.6								
Baseline	168	20100201 Natural Gas	328	0.185 1	16.0 10x6 Cu Ft	1,030.00	16,480	515.0 Mul Stk Non-1990		4.1	0.500	1.6	1.6	1.6								
Baseline	171	20100201 Natural Gas	328	0.552 1	8.1 10x6 Cu Ft	1,032.59	8,364	516.0 Mul Stk Non-1990		2.1	0.500	0.8	0.8	0.8								
Baseline	172		328							2.1	0.566	0.8	0.8	0.8								
Baseline	173	20100201 Natural Gas	328	0.552 1	8.1 10x6 Cu Ft	1,032.59	8,364	516.0 Mul Stk Non-1990		2.1	0.566	0.8	0.8	0.8								
Baseline		20100201 Natural Gas	328	0.552 1	8.1 10x6 Cu Ft	1,032.59	8,364	516.0 Mul Stk Non-1990		2.1												

Final OTC NOx Baseline Inventory

New Jersey

Point-Segment Level Data

06/26/95

Affected Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Em.	Baseline		Target (Point Level) RACT Phase II Phase III
									Five Month	Emission Rate (lbs/10x6 Btu)	

017 Hudson Co - Inner Zone - Severe**0022 PSE&G - KEARNY**

		174	328						246.8	0.340	158.1	158.1	131.2
Baseline		20100201	Natural Gas		0.552	1	8.1	10x6 Cu Ft	1,032.59	8,364	516.0	Mul Stk Non-1990	2.1
Baseline		175	328		0.552	1	8.1	10x6 Cu Ft	1,032.59	8,364	516.0	Mul Stk Non-1990	2.1
Baseline		176	328		0.552	1	8.1	10x6 Cu Ft	1,032.59	8,364	516.0	Mul Stk Non-1990	2.1
Baseline		177	328		0.552	1	8.1	10x6 Cu Ft	1,032.59	8,364	516.0	Mul Stk Non-1990	2.1
Baseline		178	328		0.552	1	8.1	10x6 Cu Ft	1,032.59	8,364	516.0	Mul Stk Non-1990	2.1
Baseline		20100201	Natural Gas		0.552	1	8.1	10x6 Cu Ft	1,032.59	8,364	516.0	Mul Stk Non-1990	2.1

0577 COGEN TECHNOLOGIES - NEW JERSEY VENTURE

Baseline	011	20100201	Natural Gas	488	0.434	1	1,564.0	10x6 Cu Ft	1,050.03	1,842,252	32.7	Non-1990 5 Mo. CEMS	71.9	0.029	71.9	71.9	71.9
Baseline	021	20100201	Natural Gas	488	0.447	1	1,613.0	10x6 Cu Ft	1,050.00	1,693,645	25.2	Non-1990 5 Mo. CEMS	20.3	0.020	20.3	20.3	20.3
Baseline	041	20100201	Natural Gas	488	0.444	1	1,600.2	10x6 Cu Ft	1,049.99	1,680,189	32.5	Non-1990 5 Mo. CEMS	26.0	0.030	26.0	26.0	26.0

0999 PSE&G - BAYONNE

Baseline	011	20100901	Kerosene/Naphtha	405	0.988	1	42.8	1000 Gal	135.28	5,790	122.0	Mul Stk Non-1990	2.9	0.901	1.3	1.3	1.3
Baseline	021	20100901	Kerosene/Naphtha	405	0.000	1	5.1	1000 Gal	135.29	690	121.6	Mul Stk Non-1990	0.3	0.900	0.1	0.1	0.1

019 Hunterdon Co - Inner Zone - Severe**0001 JCP&L - GILBERT**

		081	310								714.4	0.387	399.8	385.5	384.7		
Affected		10100401	Residual Oil		0.397	1	346.3	1000 Gal	150.01	51,949	48.0	Mul Stk Non-1990	19.8	0.365	11.7	9.7	7.3
Affected		10100501	Distillate Oil		0.150	1	5.5	1000 Gal	139.09	765	18.2	AP-42	0.1				
Affected		10100601	Natural Gas		0.979	1	42.0	10x6 Cu Ft	1,050.50	44,121	544.3	AP-42	11.4				
Affected		082	310		0.397	1	272.1	1000 Gal	150.01	40,817	48.0	Mul Stk Non-1990	15.6	0.365	9.2	7.6	5.7
Affected		10100401	Residual Oil		0.150	1	4.3	1000 Gal	139.53	600	18.6	AP-42	0.0				
Affected		10100501	Distillate Oil		0.979	1	33.0	10x6 Cu Ft	1,050.55	34,668	544.2	AP-42	9.0				
Baseline		101	730		0.226	1	292.3	1000 Gal	140.01	40,926	92.4	Mul Stk Non-1990	127.2	0.411	69.7	69.7	69.7
Baseline		20100201	Natural Gas		0.562	1	585.4	10x6 Cu Ft	1,050.05	614,697	388.5	Mul Stk Non-1990	113.7				
Baseline		111	730		0.226	1	292.3	1000 Gal	140.01	40,926	92.4	Mul Stk Non-1990	127.2	0.411	69.7	69.7	69.7
Baseline		20100201	Natural Gas		0.562	1	585.4	10x6 Cu Ft	1,050.05	614,697	388.5	Mul Stk Non-1990	113.7				
Baseline		121	730		0.226	1	292.3	1000 Gal	140.01	40,926	92.4	Mul Stk Non-1990	127.2	0.411	69.7	69.7	69.7
Baseline		20100201	Natural Gas		0.562	1	585.4	10x6 Cu Ft	1,050.05	614,697	388.5	Mul Stk Non-1990	113.7				
Baseline		131	730		0.226	1	292.3	1000 Gal	140.01	40,926	92.4	Mul Stk Non-1990	127.2	0.411	69.7	69.7	69.7
Baseline		20100201	Natural Gas		0.562	1	585.4	10x6 Cu Ft	1,050.05	614,697	388.5	Mul Stk Non-1990	113.7				
Baseline		151	385		0.018	1	0.3	1000 Gal	150.00	45	133.3	Mul Stk Non-1990	17.1	0.588	5.9	5.9	5.9
Baseline		20100201	Natural Gas		0.814	1	56.1	10x6 Cu Ft	1,050.16	58,914	609.3	Mul Stk Non-1990	17.1				

Final OTC NOx Baseline Inventory

New Jersey

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III	
019 Hunterdon Co - Inner Zone - Severe														
	0001 JCP&L - GILBERT													
	161		385											
Baseline	20100101	Distillate Oil		0.018 1	0.3	1000 Gal	150.00	45	133.3	Mul Stk Non-1990	714.4	0.387	399.8	
Baseline	20100201	Natural Gas		0.814 1	56.1	10x6 Cu Ft	1,050.16	58,914	609.3	Mul Stk Non-1990		0.588	5.9	
	171		385											
Baseline	20100101	Distillate Oil		0.018 1	0.3	1000 Gal	150.00	45	133.3	Mul Stk Non-1990	17.1	0.387	385.5	
Baseline	20100201	Natural Gas		0.814 1	56.1	10x6 Cu Ft	1,050.16	58,914	609.3	Mul Stk Non-1990		0.588	5.9	
	181		385											
Baseline	20100101	Distillate Oil		0.018 1	0.3	1000 Gal	150.00	45	133.3	Mul Stk Non-1990	17.1	0.387	384.7	
Baseline	20100201	Natural Gas		0.814 1	56.1	10x6 Cu Ft	1,050.16	58,914	609.3	Mul Stk Non-1990		0.588	5.9	
	211		845											
Affected	10100401	Residual Oil		0.332 1	2,087.3	1000 Gal	150.00	313,096	66.0	Mul Stk Non-1990	101.7	0.363	76.7	
Affected	10100501	Distillate Oil		0.165 1	35.5	1000 Gal	139.89	4,966	19.7	AP-42		0.4	66.0	
Affected	10100601	Natural Gas		0.901 1	325.6	10x6 Cu Ft	1,049.87	341,837	199.4	Mul Stk Non-1990		32.5	49.5	
0013 JCP&L - GLEN GARD														
	031		340											
Baseline	20100101	Distillate Oil		0.140 1	3.3	1000 Gal	140.91	465	109.1	Mul Stk Non-1990	138.2	0.482	57.7	
Baseline	20100201	Natural Gas		0.765 1	67.8	10x6 Cu Ft	1,050.58	71,229	504.1	Mul Stk Non-1990		0.490	7.2	
	041		340											
Baseline	20100101	Distillate Oil		0.140 1	3.3	1000 Gal	140.91	465	109.1	Mul Stk Non-1990	17.3	0.482	57.7	
Baseline	20100201	Natural Gas		0.765 1	67.8	10x6 Cu Ft	1,050.58	71,229	504.1	Mul Stk Non-1990		0.490	7.2	
	051		340											
Baseline	20100101	Distillate Oil		0.140 1	3.3	1000 Gal	140.91	465	109.1	Mul Stk Non-1990	17.3	0.482	57.7	
Baseline	20100201	Natural Gas		0.765 1	67.8	10x6 Cu Ft	1,050.58	71,229	504.1	Mul Stk Non-1990		0.490	7.2	
	061		340											
Baseline	20100101	Distillate Oil		0.140 1	3.3	1000 Gal	140.91	465	109.1	Mul Stk Non-1990	17.3	0.482	57.7	
Baseline	20100201	Natural Gas		0.765 1	67.8	10x6 Cu Ft	1,050.58	71,229	504.1	Mul Stk Non-1990		0.490	7.2	
	071		340											
Baseline	20100101	Distillate Oil		0.140 1	3.3	1000 Gal	140.91	465	109.1	Mul Stk Non-1990	17.3	0.482	57.7	
Baseline	20100201	Natural Gas		0.765 1	67.8	10x6 Cu Ft	1,050.58	71,229	504.1	Mul Stk Non-1990		0.490	7.2	
	081		340											
Baseline	20100101	Distillate Oil		0.140 1	3.3	1000 Gal	140.91	465	109.1	Mul Stk Non-1990	17.3	0.482	57.7	
Baseline	20100201	Natural Gas		0.765 1	67.8	10x6 Cu Ft	1,050.58	71,229	504.1	Mul Stk Non-1990		0.490	7.2	
	091		340											
Baseline	20100101	Distillate Oil		0.140 1	3.3	1000 Gal	140.91	465	109.1	Mul Stk Non-1990	17.3	0.482	57.7	
Baseline	20100201	Natural Gas		0.765 1	67.8	10x6 Cu Ft	1,050.58	71,229	504.1	Mul Stk Non-1990		0.490	7.2	
	101		340											
Baseline	20100101	Distillate Oil		0.140 1	3.3	1000 Gal	140.91	465	109.1	Mul Stk Non-1990	17.3	0.482	57.7	
Baseline	20100201	Natural Gas		0.765 1	67.8	10x6 Cu Ft	1,050.58	71,229	504.1	Mul Stk Non-1990		0.490	7.2	
0110 KAMINE MILFORD LIMITED PARTNERSHIP														
Affected	012	10100601	Natural Gas	438	0.507 3	524.0	10x6 Cu Ft	1,050.00	550,200	452.6	State Factor	118.6	0.431	55.0
												118.6	0.430	55.0

Final OTC NOx Baseline Inventory

New Jersey

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III

021 Mercer Co - Inner Zone - Severe

0001 PSE&G - MERCER														
011														
Affected	10100202	Bituminous Coal	3,000		0.380 1	222,101.3 Tons	27.36	6,076,692	49.2 Mul Stk Non-1990	10,432.4	1.717	6,049.5	3,655.3	2,616.2
Affected	10100601	Natural Gas			0.583 1	783.0 10x6 Cu Ft	1,030.80	807,116	*** State Factor	5,896.4	1.741	3,441.9	2,063.7	1,474.1
Affected	021		3,000							4,494.1	1.756	2,589.0	1,572.9	1,123.5
Affected	10100202	Bituminous Coal			0.295 1	172,864.6 Tons	27.36	4,729,575	49.2 Mul Stk Non-1990	4,256.8				
Affected	10100601	Natural Gas			0.438 1	435.0 10x6 Cu Ft	1,030.80	448,398	*** State Factor	237.4				
Baseline	071	20100901 Kerosene/Naphtha	288		0.846 1	82.4 1000 Gal	141.33	11,846	127.2 Mul Stk Non-1990	5.2	0.900	2.3	2.3	2.3
Baseline	072	20100901 Kerosene/Naphtha	288		0.846 1	82.4 1000 Gal	141.33	11,846	127.2 Mul Stk Non-1990	5.2	0.900	2.3	2.3	2.3
Baseline	073	20100901 Kerosene/Naphtha	288		0.846 1	82.4 1000 Gal	141.33	11,846	127.2 Mul Stk Non-1990	5.2	0.900	2.3	2.3	2.3
Baseline	074	20100901 Kerosene/Naphtha	288		0.846 1	82.4 1000 Gal	141.33	11,846	127.2 Mul Stk Non-1990	5.2	0.900	2.3	2.3	2.3
Baseline	075	20100901 Kerosene/Naphtha	288		0.846 1	82.4 1000 Gal	141.33	11,846	127.2 Mul Stk Non-1990	5.2	0.900	2.3	2.3	2.3
Baseline	076	20100901 Kerosene/Naphtha	288		0.846 1	82.4 1000 Gal	141.33	11,846	127.2 Mul Stk Non-1990	5.2	0.900	2.3	2.3	2.3
Baseline	077	20100901 Kerosene/Naphtha	288		0.846 1	82.4 1000 Gal	141.33	11,846	127.2 Mul Stk Non-1990	5.2	0.900	2.3	2.3	2.3
Baseline	078	20100901 Kerosene/Naphtha	288		0.846 1	82.4 1000 Gal	141.33	11,846	127.2 Mul Stk Non-1990	5.2	0.900	2.3	2.3	2.3

023 Middlesex Co - Inner Zone - Severe

0006 JCP&L - WERNER GE														
061														
Affected	10100401	Residual Oil	650		0.926 1	2,758.1 1000 Gal	150.00	413,721	73.5 Mul Stk Non-1990	177.8	0.575	98.3	81.9	71.4
Affected	10100501	Distillate Oil			0.268 1	34.8 1000 Gal	140.11	4,876	20.1 AP-42	101.7	0.476	58.3	41.9	31.4
Baseline	091	20100101 Distillate Oil	830		0.639 1	357.5 1000 Gal	139.98	50,044	106.4 Mul Stk Non-1990	19.0	0.760	10.0	10.0	10.0
Baseline	101	20100101 Distillate Oil	830		0.639 1	357.5 1000 Gal	139.98	50,044	106.4 Mul Stk Non-1990	19.0	0.760	10.0	10.0	10.0
Baseline	111	20100101 Distillate Oil	830		0.639 1	357.5 1000 Gal	139.98	50,044	106.4 Mul Stk Non-1990	19.0	0.760	10.0	10.0	10.0
Baseline	121	20100101 Distillate Oil	830		0.639 1	357.5 1000 Gal	139.98	50,044	106.4 Mul Stk Non-1990	19.0	0.760	10.0	10.0	10.0

0007 JCP&L - SAYERVILLE

0007 JCP&L - SAYERVILLE														
091														
Affected	10100401	Residual Oil	490		0.436 1	10.1 1000 Gal	150.69	1,522	67.3 AP-42	3.9	0.188	3.8	3.8	3.3
Affected	10100501	Distillate Oil			0.667 1	6.6 1000 Gal	140.15	925	24.2 State Factor	0.1				
Affected	10100601	Natural Gas			0.823 1	39.3 10x6 Cu Ft	1,050.89	41,300	178.6 Mul Stk Non-1990	3.5				
Affected	092		490							15.6	0.188	15.1	15.1	13.1
Affected	10100401	Residual Oil			0.436 1	37.0 1000 Gal	150.19	5,557	67.0 AP-42	1.2				
Affected	10100501	Distillate Oil			0.667 1	24.1 1000 Gal	140.12	3,377	24.1 State Factor	0.3				
Affected	10100601	Natural Gas			0.823 1	157.3 10x6 Cu Ft	1,050.22	185,199	178.5 Mul Stk Non-1990	14.0				
Affected	101		1,150							289.2	0.480	141.0	119.6	89.7
Affected	10100401	Residual Oil			0.637 1	3,561.5 1000 Gal	150.00	534,219	51.0 Mul Stk Non-1990	90.8				
Affected	10100501	Distillate Oil			0.695 1	8.9 1000 Gal	139.44	1,241	20.2 AP-42	0.1				
Affected	10100601	Natural Gas			0.673 1	629.4 10x6 Cu Ft	1,049.92	660,822	630.0 Mul Stk Non-1990	198.3				
Affected	111		1,150							424.4	0.461	194.9	169.3	127.0
Affected	10100401	Residual Oil			0.395 1	4,271.3 1000 Gal	150.00	640,697	51.0 Mul Stk Non-1990	108.9				
Affected	10100501	Distillate Oil			0.532 1	10.2 1000 Gal	139.31	1,421	19.6 AP-42	0.1				
Affected	10100601	Natural Gas			0.741 1	1,001.3 10x6 Cu Ft	1,050.01	1,051,379	630.0 Mul Stk Non-1990	315.4				
Affected	121		830							35.5	0.369	19.7	19.7	19.7
Baseline		Distillate Oil			0.219 1	11.3 1000 Gal	139.73	1,579	108.2 Mul Stk Non-1990	0.6				
Baseline		Natural Gas			0.640 1	184.6 10x6 Cu Ft	1,050.06	193,841	378.0 Mul Stk Non-1990	34.9				

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	HACT	Phase II	Phase III
023 Middlesex Co - Inner Zone - Severe														
	0007 JCP&L - SAYERVILLE									875.1	0.450	433.6	386.7	311.9
	141		830							35.5	0.369	19.7	19.7	19.7
Baseline		20100101	Distillate Oil							0.8				
Baseline		20100201	Natural Gas							34.9				
	151		830							35.5	0.369	19.7	19.7	19.7
Baseline		20100101	Distillate Oil							0.8				
Baseline		20100201	Natural Gas							34.9				
	161		830							35.5	0.369	19.7	19.7	19.7
Baseline		20100101	Distillate Oil							0.8				
Baseline		20100201	Natural Gas							34.9				
0008 PSE&G - SEAWAREN														
	011		1,215							480.2	0.217	451.1	451.1	342.4
										79.4	0.219	78.0	78.0	58.5
Affected		10100404	Residual Oil							4.8				
Affected		10100604	Natural Gas							74.8				
	021		1,118							111.1	0.218	108.9	108.9	81.7
Affected		10100404	Residual Oil							7.1				
Affected		10100604	Natural Gas							104.0				
	031		1,135							100.5	0.211	98.6	98.6	74.0
Affected		10100404	Residual Oil							6.1				
Affected		10100604	Natural Gas							94.5				
	041		1,328							153.0	0.212	149.5	149.5	112.1
Affected		10100404	Residual Oil							11.3				
Affected		10100604	Natural Gas							141.7				
Baseline	121	20100901	Kerosene/Naphtha	288	0.668 1	74.8 1000 Gal	134.41	10,054	120.9	4.5	0.900	2.0	2.0	2.0
Baseline	131	20100901	Kerosene/Naphtha	288	0.668 1	74.8 1000 Gal	134.41	10,054	120.9	4.5	0.900	2.0	2.0	2.0
Baseline	141	20100901	Kerosene/Naphtha	288	0.668 1	74.8 1000 Gal	134.41	10,054	120.9	4.5	0.900	2.0	2.0	2.0
Baseline	151	20100901	Kerosene/Naphtha	288	0.668 1	74.8 1000 Gal	134.41	10,054	120.9	4.5	0.900	2.0	2.0	2.0
Baseline	161	20100901	Kerosene/Naphtha	288	0.668 1	74.8 1000 Gal	134.41	10,054	120.9	4.5	0.900	2.0	2.0	2.0
Baseline	171	20100901	Kerosene/Naphtha	288	0.668 1	74.8 1000 Gal	134.41	10,054	120.9	4.5	0.900	2.0	2.0	2.0
Baseline	181	20100901	Kerosene/Naphtha	368	0.668 1	74.8 1000 Gal	134.41	10,054	120.9	4.5	0.900	2.0	2.0	2.0
Baseline	191	20100901	Kerosene/Naphtha	368	0.668 1	74.8 1000 Gal	134.41	10,054	120.9	4.5	0.900	2.0	2.0	2.0
0023 CHEVRON U.S.A., INC.														
Affected	012	10200401	Residual Oil	257	0.417 3	1,143.0 1000 Gal	150.00	171,450	105.0 State Factor	60.0	0.700	24.0	21.0	15.0
										60.0	0.700	24.0	21.0	15.0
0908 PSE&G - EDISON														
	011		377							35.8	0.878	15.7	15.7	15.7
Baseline		20100201	Natural Gas		0.217 1	0.4 10x6 Cu Ft	997.50	399	500.0	0.1	0.805	0.6	0.6	0.6
Baseline		20100901	Kerosene/Naphtha		0.479 1	20.6 1000 Gal	137.72	2,837	124.3	1.3				
	021		377							1.4	0.805	0.6	0.6	0.6
Baseline		20100201	Natural Gas		0.217 1	0.4 10x6 Cu Ft	997.50	399	500.0	0.1				
Baseline		20100901	Kerosene/Naphtha		0.479 1	20.6 1000 Gal	137.72	2,837	124.3	1.3				
	031		377							1.4	0.805	0.6	0.6	0.6
Baseline		20100201	Natural Gas		0.217 1	0.4 10x6 Cu Ft	997.50	399	500.0	0.1				
Baseline		20100901	Kerosene/Naphtha		0.479 1	20.6 1000 Gal	137.72	2,837	124.3	1.3				
	041		377							1.4	0.805	0.6	0.6	0.6
Baseline		20100201	Natural Gas		0.217 1	0.4 10x6 Cu Ft	997.50	399	500.0	0.1				

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level) RACT Phase II	Phase III
										Five Month	Emission Rate (lbs/10x6 Btu)		

023 Middlesex Co - Inner Zone - Severe

0908 PSE&G - EDISON														
	041		405							35.8	0.878	15.7	15.7	15.7
Baseline		20100901 Kerosene/Naphtha		0.479 1	20.6 1000 Gal	137.72	2,837	124.3	Mul Stk Non-1990	1.4	0.805	0.6	0.6	0.6
	051		377	0.217 1	0.4 10x6 Cu Ft	997.50	399	500.0	Mul Stk Non-1990	1.3				
Baseline		20100201 Natural Gas		0.479 1	20.6 1000 Gal	137.72	2,837	124.3	Mul Stk Non-1990	1.4	0.805	0.6	0.6	0.6
Baseline		20100901 Kerosene/Naphtha								1.3				
	061		377	0.217 1	0.4 10x6 Cu Ft	997.50	399	500.0	Mul Stk Non-1990	1.4	0.805	0.6	0.6	0.6
Baseline		20100201 Natural Gas		0.479 1	20.6 1000 Gal	137.72	2,837	124.3	Mul Stk Non-1990	0.1				
Baseline		20100901 Kerosene/Naphtha								1.3				
	071		377	0.217 1	0.4 10x6 Cu Ft	997.50	399	500.0	Mul Stk Non-1990	1.4	0.805	0.6	0.6	0.6
Baseline		20100201 Natural Gas		0.479 1	20.6 1000 Gal	137.72	2,837	124.3	Mul Stk Non-1990	0.1				
Baseline		20100901 Kerosene/Naphtha								1.3				
	081		377	0.217 1	0.4 10x6 Cu Ft	997.50	399	500.0	Mul Stk Non-1990	1.4	0.805	0.6	0.6	0.6
Baseline		20100201 Natural Gas		0.479 1	20.6 1000 Gal	137.72	2,837	124.3	Mul Stk Non-1990	0.1				
Baseline		20100901 Kerosene/Naphtha								1.3				
	091		377	0.217 1	0.4 10x6 Cu Ft	997.50	399	500.0	Mul Stk Non-1990	1.8	0.871	0.8	0.8	0.8
Baseline		20100201 Natural Gas		0.479 1	20.6 1000 Gal	137.72	2,837	124.3	Mul Stk Non-1990	0.0				
Baseline		20100901 Kerosene/Naphtha								1.8				
	101		377	0.159 1	0.1 10x6 Cu Ft	620.00	62	400.0	Mul Stk Non-1990	1.8	0.871	0.8	0.8	0.8
Baseline		20100201 Natural Gas		0.816 1	29.3 1000 Gal	138.02	4,044	124.2	Mul Stk Non-1990	0.0				
Baseline		20100901 Kerosene/Naphtha								1.8				
	111		377	0.159 1	0.1 10x6 Cu Ft	620.00	62	400.0	Mul Stk Non-1990	1.8	0.871	0.8	0.8	0.8
Baseline		20100201 Natural Gas		0.816 1	29.3 1000 Gal	138.02	4,044	124.2	Mul Stk Non-1990	0.0				
Baseline		20100901 Kerosene/Naphtha								1.8				
	121		377	0.159 1	0.1 10x6 Cu Ft	620.00	62	400.0	Mul Stk Non-1990	1.8	0.871	0.8	0.8	0.8
Baseline		20100201 Natural Gas		0.816 1	29.3 1000 Gal	138.02	4,044	124.2	Mul Stk Non-1990	0.0				
Baseline		20100901 Kerosene/Naphtha								1.8				
	131		377	0.159 1	0.1 10x6 Cu Ft	620.00	62	400.0	Mul Stk Non-1990	1.8	0.871	0.8	0.8	0.8
Baseline		20100201 Natural Gas		0.816 1	29.3 1000 Gal	138.02	4,044	124.2	Mul Stk Non-1990	0.0				
Baseline		20100901 Kerosene/Naphtha								1.8				
	141		377	0.159 1	0.1 10x6 Cu Ft	620.00	62	400.0	Mul Stk Non-1990	1.8	0.871	0.8	0.8	0.8
Baseline		20100201 Natural Gas		0.816 1	29.3 1000 Gal	138.02	4,044	124.2	Mul Stk Non-1990	0.0				
Baseline		20100901 Kerosene/Naphtha								1.8				
	151		377	0.159 1	0.1 10x6 Cu Ft	620.00	62	400.0	Mul Stk Non-1990	1.8	0.871	0.8	0.8	0.8
Baseline		20100201 Natural Gas		0.816 1	29.3 1000 Gal	138.02	4,044	124.2	Mul Stk Non-1990	0.0				
Baseline		20100901 Kerosene/Naphtha								1.8				
	161		377	0.159 1	0.1 10x6 Cu Ft	620.00	62	400.0	Mul Stk Non-1990	1.8	0.871	0.8	0.8	0.8
Baseline		20100201 Natural Gas		0.816 1	29.3 1000 Gal	138.02	4,044	124.2	Mul Stk Non-1990	0.0				
Baseline		20100901 Kerosene/Naphtha								1.8				
	171		377	0.383 1	0.2 10x6 Cu Ft	765.00	153	400.0	Mul Stk Non-1990	1.2	0.861	0.5	0.5	0.5
Baseline		20100201 Natural Gas		0.726 1	19.2 1000 Gal	137.81	2,646	124.0	Mul Stk Non-1990	0.0				
Baseline		20100901 Kerosene/Naphtha								1.2				
	181		377	0.383 1	0.2 10x6 Cu Ft	765.00	153	400.0	Mul Stk Non-1990	1.2	0.861	0.5	0.5	0.5
Baseline		20100201 Natural Gas		0.726 1	19.2 1000 Gal	137.81	2,646	124.0	Mul Stk Non-1990	0.0				
Baseline		20100901 Kerosene/Naphtha								1.2				
	191		377	0.383 1	0.2 10x6 Cu Ft	765.00	153	400.0	Mul Stk Non-1990	1.2	0.861	0.5	0.5	0.5
Baseline		20100201 Natural Gas		0.726 1	19.2 1000 Gal	137.81	2,646	124.0	Mul Stk Non-1990	0.0				
Baseline		20100901 Kerosene/Naphtha								1.2				
	201		377	0.383 1	0.2 10x6 Cu Ft	1,530.00	153	600.0	Mul Stk Non-1990	0.0				
Baseline		20100201 Natural Gas								1.2				

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III
023 Middlesex Co - Inner Zone - Severe														
		0908 PSE&G - EDISON								35.8	0.878	15.7	15.7	15.7
	201		405							1.2	0.861	0.5	0.5	0.5
Baseline		20100901 Kerosene/Naphtha		0.726 1	19.2 1000 Gal	137.81	2,846	124.0	Mul Stk Non-1990	1.2	0.861	0.5	0.5	0.5
Baseline	211	20100201 Natural Gas	377	0.383 1	0.2 10x6 Cu Ft	765.00	153	400.0	Mul Stk Non-1990	0.0	0.861	0.5	0.5	0.5
Baseline		20100901 Kerosene/Naphtha		0.726 1	19.2 1000 Gal	137.81	2,846	124.0	Mul Stk Non-1990	1.2	0.861	0.5	0.5	0.5
Baseline	221	20100201 Natural Gas	377	0.383 1	0.2 10x6 Cu Ft	765.00	153	400.0	Mul Stk Non-1990	0.0	0.861	0.5	0.5	0.5
Baseline		20100901 Kerosene/Naphtha		0.726 1	19.2 1000 Gal	137.81	2,846	124.0	Mul Stk Non-1990	1.2	0.861	0.5	0.5	0.5
Baseline	231	20100201 Natural Gas	377	0.383 1	0.2 10x6 Cu Ft	765.00	153	380.0	Mul Stk Non-1990	0.0	0.861	0.5	0.5	0.5
Baseline		20100901 Kerosene/Naphtha		0.726 1	19.2 1000 Gal	137.81	2,846	124.0	Mul Stk Non-1990	1.2	0.861	0.5	0.5	0.5
Baseline	241	20100201 Natural Gas	377	0.383 1	0.2 10x6 Cu Ft	765.00	153	400.0	Mul Stk Non-1990	0.0	0.861	0.5	0.5	0.5
Baseline		20100901 Kerosene/Naphtha		0.726 1	19.2 1000 Gal	137.81	2,846	124.0	Mul Stk Non-1990	1.2	0.861	0.5	0.5	0.5
029 Ocean Co - Inner Zone - Severe														
		0001 CIBA GEIGY CORPORATION								55.8	0.481	26.1	23.2	17.4
	571		259							55.8	0.479	26.1	23.2	17.4
Affected		10200401 Residual Oil		0.417 3	483.5 1000 Gal	150.00	72,525	57.7	State Factor	14.0	0.499	11.2	11.2	11.2
Affected		10200601 Natural Gas		0.418 3	152.0 10x6 Cu Ft	1,050.00	159,600	550.3	State Factor	41.8	0.479	26.1	23.2	17.4
		0007 AC ELEC CO - CEDAR STA								14.0	0.499	11.2	11.2	11.2
Baseline	021	20100901 Kerosene/Naphtha	363	0.857 1	115.3 1000 Gal	133.45	15,387	66.6	State Factor	3.8	0.500	3.1	3.1	3.1
Baseline	031	20100901 Kerosene/Naphtha	363	0.870 1	115.3 1000 Gal	133.45	15,387	66.6	State Factor	3.8	0.500	3.1	3.1	3.1
Baseline	041	20100901 Kerosene/Naphtha	363	0.471 1	188.9 1000 Gal	133.62	25,240	66.7	State Factor	6.3	0.500	5.0	5.0	5.0
		0255 JCP&L - FORKED RIVER								15.8	0.171	15.8	15.8	15.8
	011		450							7.8	0.162	7.8	7.8	7.8
Baseline		20100101 Distillate Oil		0.782 1	413.4 1000 Gal	140.00	57,876	27.3		5.8				
Baseline		20100201 Natural Gas		0.385 1	32.0 10x6 Cu Ft	1,048.72	33,559	138.3		2.2				
Baseline	021	20100101 Distillate Oil	450	0.782 1	413.4 1000 Gal	140.00	57,876	27.3		7.8	0.162	7.8	7.8	7.8
Baseline		20100201 Natural Gas		0.385 1	32.0 10x6 Cu Ft	1,048.72	33,559	138.3		2.2				
033 Salem Co - Inner Zone - Severe														
		0001 AC ELEC CO - DEEPWATER								1,976.8	0.895	1,064.5	711.1	518.7
	011		828							294.3	0.495	130.9	117.5	88.1
Affected		10100401 Residual Oil		0.361 1	2,254.2 1000 Gal	148.29	334,282	68.1	State Factor	74.5				
Affected		10100601 Natural Gas		0.518 1	807.8 10x6 Cu Ft	1,040.49	840,508	544.2	State Factor	219.8				
Affected	031	10100401 Residual Oil	426	0.262 1	773.7 1000 Gal	147.92	114,444	41.4	AP-42	16.0	0.280	16.0	11.4	8.6
Affected	032	10100401 Residual Oil	314	0.262 1	773.7 1000 Gal	147.92	114,444	41.4	AP-42	16.0	0.280	16.0	11.4	8.6
Affected	041		659							297.5	0.810	155.1	97.4	69.6
Affected		10100202 Bituminous Coal		0.273 1	27,425.8 Tons	25.14	689,485	20.3	State Factor	278.2				
Baseline		20100102 Distillate Oil		0.434 1	930.1 1000 Gal	148.21	137,847	41.5	State Factor	19.3				

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III

033 Salem Co - Inner Zone - Severe

0001 AC ELEC CO - DEEPWATER											
	051		820							1,978.6	0.695
Affected		10100202 Bituminous Coal		0.451 1	76,564.1 Tons	25.26	1,934,009	20.4 State Factor		782.4	0.807
Affected		10100401 Residual Oil		0.290 1	59.2 1000 Gal	148.31	8,780	55.7 Sing Stk Rep Cond		780.4	
Affected		10100601 Natural Gas		0.000 1	1.4 10x6 Cu Ft	1,040.00	1,467	471.4 Sing Stk Rep Cond		1.7	
	061		732							0.3	
Affected		10100202 Bituminous Coal		0.403 1	49,362.5 Tons	25.30	1,248,870	20.4 State Factor		512.9	0.757
Affected		10100401 Residual Oil		0.186 1	430.8 1000 Gal	148.63	64,031	41.6 State Factor		503.9	
Baseline	063	10100404 Residual Oil	190	0.452 1	632.2 1000 Gal	148.26	93,732	100.8 AP-42		31.9	0.680
Baseline	064	10100404 Residual Oil	190	0.452 1	148.3 1000 Gal	148.25	21,986	100.9 AP-42		7.5	0.680
	091		329							18.2	0.433
Baseline		20100201 Natural Gas		0.855 1	81.0 10x6 Cu Ft	1,042.41	84,435	448.1 AP-42		18.2	

0044 PSE&G - SALEM

Baseline	021	20100101 Distillate Oil	170	0.587 1	31.7 1000 Gal	136.97	4,342	123.0 Mul Stk Non-1990		3.8	0.900	1.7	1.7	1.7
Baseline	031	20100101 Distillate Oil	170	0.531 1	30.3 1000 Gal	136.93	4,149	123.4 Mul Stk Non-1990		2.0	0.900	0.9	0.9	0.9

039 Union Co - Inner Zone - Severe

0011 PSE&G - LINDEN											
	011		1,190							2,023.2	0.593
Affected		10100401 Residual Oil		0.451 1	14,586.6 1000 Gal	147.40	2,150,065	88.4 Mul Stk Non-1990		645.5	0.600
Affected		10100601 Natural Gas		0.621 1	1.9 10x6 Cu Ft	1,030.00	1,957	547.4 AP-42		645.0	
	021		1,190							0.5	
Affected		10100401 Residual Oil		0.509 1	14,586.6 1000 Gal	147.40	2,150,065	88.4 Mul Stk Non-1990		645.5	0.600
Affected		10100601 Natural Gas		0.981 1	1.9 10x6 Cu Ft	1,030.00	1,957	547.4 AP-42		645.0	
	031		1,190							0.5	
Affected		10100401 Residual Oil		0.114 1	2,759.4 1000 Gal	147.38	406,683	88.4 Mul Stk Non-1990		122.0	0.600
	041		1,190							122.0	
Affected		10100401 Residual Oil		0.832 1	2,253.9 1000 Gal	147.38	332,177	100.2 Mul Stk Non-1990		113.4	0.679
Affected		10100601 Natural Gas		0.684 1	1.6 10x6 Cu Ft	1,033.13	1,653	550.0 AP-42		112.9	
	051		1,240							0.4	
Affected		10100401 Residual Oil		0.832 1	2,253.9 1000 Gal	147.38	332,177	100.2 Mul Stk Non-1990		113.4	0.679
Affected		10100601 Natural Gas		0.684 1	1.6 10x6 Cu Ft	1,033.13	1,653	550.0 AP-42		112.9	
	061		1,860							0.4	
Affected		10100401 Residual Oil		0.350 1	6,690.6 1000 Gal	147.38	988,067	85.7 Mul Stk Non-1990		220.2	0.450
Affected		10100601 Natural Gas		0.090 1	1.1 10x6 Cu Ft	1,030.00	1,133	545.5 AP-42		219.9	
	071		327	0.665 1	98.5 10x6 Cu Ft	1,032.18	101,670	518.1 Mul Stk Non-1990		0.3	
Baseline	081	20100201 Natural Gas	474	0.812 1	56.7 10x6 Cu Ft	1,031.82	58,504	619.0 Mul Stk Non-1990		25.4	0.500
Baseline	091	20100201 Natural Gas	474	0.704 1	62.3 10x6 Cu Ft	1,032.34	64,315	619.3 Mul Stk Non-1990		17.6	0.600
Baseline	101	20100201 Natural Gas	474	0.526 1	66.9 10x6 Cu Ft	1,031.41	69,001	618.8 Mul Stk Non-1990		19.3	0.600
Baseline	111	20100201 Natural Gas	474	0.875 1	60.5 10x6 Cu Ft	1,032.64	62,475	619.5 Mul Stk Non-1990		20.7	0.600
Baseline	121	20100901 Kerosene/Naphtha	483	0.384 1	92.4 1000 Gal	138.57	12,804	168.2 Mul Stk Non-1990		18.7	0.600
Baseline	131	20100901 Kerosene/Naphtha	483	0.384 1	92.4 1000 Gal	138.57	12,804	168.2 Mul Stk Non-1990		7.7	1.200
Baseline	141	20100901 Kerosene/Naphtha	483	0.384 1	92.4 1000 Gal	138.57	12,804	168.2 Mul Stk Non-1990		7.7	1.200
Baseline	151	20100901 Kerosene/Naphtha	483	0.384 1	92.4 1000 Gal	138.57	12,804	168.2 Mul Stk Non-1990		7.7	1.200
Baseline	161	20100901 Kerosene/Naphtha	483	0.384 1	92.4 1000 Gal	138.57	12,804	168.2 Mul Stk Non-1990		7.7	1.200
Baseline	171	20100901 Kerosene/Naphtha	483	0.384 1	92.4 1000 Gal	138.57	12,804	168.2 Mul Stk Non-1990		7.7	1.200

Detail Report - Five Month Data

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Point-Segment Level Data

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	HACT	Phase II	Phase III

039 Union Co - Inner Zone - Severe

0011 PSE&G - LINDEN																	
Baseline	181	20100901	Kerosene/Naphtha	483	0.384	1	92.4	1000 Gal	138.57	12,804	166.2	Mul Stk Non-1990	7.7	946.9	726.7	540.1	
Baseline	181	20100901	Kerosene/Naphtha	483	0.384	1	92.4	1000 Gal	138.57	12,804	166.2	Mul Stk Non-1990	7.7	1,200	2.6	2.6	
Affected	031	10200701	Process Gas	314	0.415	1	283.3	10x6 Cu Ft	1,200.00	340,000	696.1	AP-42	442.9	0.594	208.6	155.0	111.8
0052 BAYWAY REFINING COMPANY																	
Affected	101			341							98.8	0.580	47.8	34.5	25.5		
Affected		10200401	Residual Oil		0.419	1	1,200.0	1000 Gal	150.00	180,000	105.0	AP-42	344.3	0.598	161.0	120.5	86.3
Affected		10200701	Procees Gas		0.398	1	808.3	10x6 Cu Ft	1,200.00	970,000	696.0	AP-42	63.0				
											281.3						

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)										
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III								
001 Albany Co - Outer Zone - Marginal																						
0366 NIAGARA MOHAWK - ALBANY STATION																						
Affected	001	10100404 Residual Oil	1,030		0.344 1	2,856.0	1000 Gal	151.00	431,256	42.3	Sing Stk Rep Cond	1,336.0	0.237	1,282.3	1,133.2	854.9						
Affected		10100604 Natural Gas			0.496 1	2,085.1	10x6 Cu Ft	1,037.00	2,162,249	228.1	Sing Stk Rep Cond	298.2	0.233	291.8	259.4	194.5						
Affected	002	10100404 Residual Oil			0.239 1	5,263.0	1000 Gal	151.00	794,713	42.3	Sing Stk Rep Cond	340.7	0.251	328.7	288.0	216.0						
Affected		10100604 Natural Gas			0.658 1	2,011.0	10x6 Cu Ft	1,037.00	2,085,407	228.1	Sing Stk Rep Cond	111.3										
Affected	003	10100404 Residual Oil			0.303 1	3,599.0	1000 Gal	151.00	543,449	42.3	Sing Stk Rep Cond	229.4										
Affected		10100604 Natural Gas			0.479 1	2,059.0	10x6 Cu Ft	1,037.00	2,135,183	228.1	Sing Stk Rep Cond	311.0	0.237	302.8	267.9	200.9						
Affected	004	10100404 Residual Oil			0.489 1	4,985.0	1000 Gal	151.00	752,735	42.3	Sing Stk Rep Cond	350.3	0.237	339.0	297.9	223.4						
Affected		10100604 Natural Gas			0.584 1	2,147.0	10x6 Cu Ft	1,037.00	2,226,439	228.1	Sing Stk Rep Cond	244.9										
Baseline	022	20100201 Natural Gas	2,104		0.457 1	155.4	10x6 Cu Ft	1,030.00	160,062	462.0	AP-42	35.9	0.449	20.0	20.0	20.0						
007 Broome Co - Outer Zone - Attainment																						
0292 NYSEG - GOODEY STATION																						
Affected	001	10100202 Bituminous Coal	1,417		0.373 1	138,847.0	Tons	25.70	3,568,368	20.7	Mul Stk Non-1990	1,438.5	0.803	804.3	646.4	359.1						
Affected		10100501 Distillate Oil			1.000 1	82.4	1000 Gal	139.00	11,454	34.7	Mul Stk Non-1990	1,436.5	0.804	804.3	646.4	359.1						
013 Chautauqua Co - Outer Zone - Attainment																						
0325 NIAGARA MOHAWK - DUNKIRK STATION																						
Affected	001	10100212 Bituminous Coal	896		0.358 1	88,100.0	Tons	28.40	2,325,840	11.9	Non-1990 Other CEMS	4,222.0	0.518	3,421.7	1,699.9	1,223.6						
Affected		10100501 Distillate Oil			1.000 1	42.2	1000 Gal	138.00	5,824	19.4	Non-1990 Other CEMS	523.7	0.450	488.8	235.7	174.9						
Affected	002	10100212 Bituminous Coal			0.562 1	107,400.0	Tons	28.40	2,835,360	11.9	Non-1990 Other CEMS	638.2	0.450	595.7	287.2	212.9						
Affected		10100501 Distillate Oil			1.000 1	26.4	1000 Gal	141.00	3,722	19.7	Non-1990 Other CEMS	0.3										
Affected	003	10100212 Bituminous Coal	3,584		0.415 1	422,900.0	Tons	28.30	11,122,270	14.5	Non-1990 Other CEMS	3,060.1	0.550	2,337.2	1,377.0	835.8						
Affected		10100501 Distillate Oil			1.000 1	149.8	1000 Gal	141.00	21,122	19.8	Non-1990 Other CEMS	1.5										
0340 S A CARLSON																						
Baseline	003	10100212 Bituminous Coal	190		0.443 1	17,900.0	Tons	25.00	447,500	26.2	Mul Stk Non-1990	851.7	0.828	397.5	347.5	309.7						
Baseline	004	10100212 Bituminous Coal	190		0.445 1	17,100.0	Tons	25.00	427,500	15.0	Mul Stk Non-1990	234.5	1.048	134.3	134.3	134.3						
Baseline	005	10100212 Bituminous Coal	297		0.445 1	18,300.0	Tons	25.00	457,500	20.7	Mul Stk Non-1990	128.3	0.600	128.3	128.3	128.3						
Affected		10100212 Bituminous Coal										189.0	0.826	135.0	85.0	47.2						
189.0												189.0										
017 Chenango Co - Outer Zone - Attainment																						
0083 NYSEG - JENNISON STATION																						
Affected	001	10100205 Bituminous Coal	508		0.426 1	51,730.0	Tons	20.50	1,080,465	8.2	Mul Stk Non-1990	390.0	0.400	292.5	195.0	146.2						
												212.1	0.400	159.1	106.0	79.5						

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Affected	Plant Point	SCC/Description	Design Capacity (10 ⁶ Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10 ⁶ Btu/ SCC Unit)	Heat Input (10 ⁶ Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10 ⁶ Btu)	RACT	Phase II	Phase III
017 Chenango Co - Outer Zone - Attainment														
0083	NYSEG - JENNISON STATION									390.0	0.400	292.5	195.0	146.2
Affected	002	10100205 Bituminous Coal	564	0.333 1	42,968.0 Tons		20.70	889,438	8.3 Mul Stk Non-1990	177.9	0.400	133.4	88.9	66.7
029 Erie Co - Outer Zone - Marginal														
0133	YERKES ENERGY									302.4	0.463	130.7	130.7	130.7
Affected	004	20100101 Distillate Oil	432	0.417 1	120.1 1000 Gal	139.00	18,694	97.7 AP-42		302.4	0.463	130.7	130.7	130.7
Baseline		20100201 Natural Gas		0.417 1	1,283.9 10 ⁶ Cu Ft	1,005.00	1,290,320	462.0 AP-42		5.9				
Affected	018	10200801 Natural Gas	422	0.417 1	139.7 10 ⁶ Cu Ft	1,008.00	140,818	549.2 AP-42		38.4	0.545	14.1	14.1	10.6
0163	BSC BAR PRODUCTS DIV									91.7	0.545	33.7	33.7	25.3
Affected	00E	10200801 Natural Gas	590	0.417 1	334.0 10 ⁶ Cu Ft	1,008.00	336,672	549.3 AP-42		91.7	0.545	33.7	33.7	25.3
1700 NIAGARA MOHAWK - C R HUNTER STEAM ST														
Affected	004	10100201 Bituminous Coal	3,532	0.411 1	391,700.0 Tons		26.20	10,282,540	33.8 AP-42	9,568.7	0.920	7,342.5	4,305.9	2,445.6
Affected		10100501 Distillate Oil		1.000 1	29.6 1000 Gal	138.00	4,085	19.6 AP-42		6,619.6	1.290	5,131.6	2,978.8	1,654.9
Affected	005	10100212 Bituminous Coal	3,552	0.421 1	409,400.0 Tons	25.70	10,521,580	14.4 AP-42		6,619.3		2,949.1	2,210.9	1,327.1
Affected		10100501 Distillate Oil		1.000 1	146.0 1000 Gal	138.00	20,148	19.3 AP-42		2,947.7	0.558	2,947.7	790.6	
Affected										1.4				
031 Essex Co - Northern Zone - Attainment														
0105	TICONDEROGA MILL									287.0	0.370	193.9	193.9	155.2
Affected	016	10200401 Residual Oil	522	0.420 1	10,483.2 1000 Gal	148.00	1,551,514	54.8 Mul Stk Non-1990		287.0	0.370	193.9	193.9	155.2
045 Jefferson Co - Outer Zone - Marginal														
0255	FORT DRUM HTW COGEN									118.8	0.160	118.8	118.8	111.4
Affected	001	10300101 Anthracite Coal	651	0.417 3	5,581.7 Tons		24.00	133,981	5.7 Non-1990 Other CEMS	118.8	0.160	118.8	118.8	111.4
Affected		10300217 Bituminous Coal		0.417 3	49,372.5 Tons	26.00	1,283,685	4.0 Non-1990 Other CEMS		15.9				
Affected		10300501 Distillate Oil		0.417 3	505.8 1000 Gal	135.00	68,283	13.5 Non-1990 Other CEMS		99.5				
Affected										3.4				
047 Kings Co - Inner Zone - Severe														
CE01	CON ED - HUDSON AVE GEN STA									791.4	0.358	552.5	442.2	331.9
Affected	001	10100401 Residual Oil	4,835	0.324 1	5,528.2 1000 Gal	148.00	818,174	53.9 Sing Stk Max Load		149.0	0.364	102.3	81.8	61.4
Affected	002	10100401 Residual Oil	2,168	0.425 1	24,276.0 1000 Gal	148.00	3,592,848	52.8 Sing Stk Max Load		641.0	0.357	449.1	359.3	269.5
Baseline	02Z	20100101 Distillate Oil	1,146	0.624 1	40.0 1000 Gal	137.00	5,480	71.0 Sing Stk Max Load		1.4	0.518	1.1	1.1	1.1

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)				
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III		
047 Kings Co - Inner Zone - Severe																
GGEN	CON ED - GOWANUS GEN									80.7	0.740	43.6	43.6	43.6		
Baseline	02Z	20100101	Distillate Oil	9,568	0.372 1	1,591.6	1000 Gal	137.00	218,049	101.4	80.7	0.740	43.6	43.6		
NGEN	CON ED - NARROWS GEN									115.0	0.423	108.8	108.8	108.8		
Baseline	02Z	20100101	Distillate Oil	4,752	0.121 1	155.7	1000 Gal	137.00	21,331	101.3	115.0	0.447	108.8	108.8		
Baseline	20100201	Natural Gas			0.380 1	506.0	10x6 Cu Ft	1,033.00	522,698	423.5	7.9		107.2			
055 Monroe Co - Outer Zone - Attainment																
0258 KODAK PARK DIV																
Affected	001	10200204	Bituminous Coal	908	0.476 1	49,465.9	Tons	27.00	1,335,579	12.7	Mul Stk Non-1990	4,482.8	1.005	2,239.5	2,008.2	1,143.5
Affected	002			895						313.9	0.470	200.3	141.2	100.2		
Affected		10200203	Bituminous Coal		0.010 1	653.0	Tons	27.00	17,631	33.8	Mul Stk Non-1990	163.7	0.959	129.8	73.7	47.1
Affected		10200401	Residual Oil		0.540 1	4,072.0	1000 Gal	150.00	610,800	75.0	Mul Stk Non-1990	152.7				
Affected	003	10200203	Bituminous Coal	1,000	0.480 1	122,359.2	Tons	27.00	3,303,698	32.4	Mul Stk Non-1990	1,986.4	1.197	993.9	893.9	496.6
Affected		10200401	Residual Oil		0.134 1	61.4	1000 Gal	150.00	9,210	134.9	Mul Stk Non-1990	1,982.2				
Affected	004	10200203	Bituminous Coal	1,310	0.479 1	81,434.6	Tons	27.00	2,198,734	37.0	Mul Stk Non-1990	1,996.6	1.075	915.5	899.4	499.7
Affected		10200212	Bituminous Coal		0.392 1	51,797.8	Tons	27.00	1,398,541	18.9	Mul Stk Non-1990	1,506.1				
Affected		10200401	Residual Oil		0.131 1	40.0	1000 Gal	150.00	6,000	135.0	Mul Stk Non-1990	4.1				
Affected		10200501	Distillate Oil		0.159 1	17.5	1000 Gal	139.00	2,433	34.3	Mul Stk Non-1990	0.3				
1152 RG&E - BEEBEE STATION																
Affected	007			804						447.3	0.490	383.4	201.3	137.0		
Affected		10100202	Bituminous Coal		0.361 1	69,400.0	Tons	26.30	1,825,220	12.9	Mul Stk Non-1990	447.3	0.490	383.4	201.3	137.0
Affected		10100501	Distillate Oil		0.333 1	12.6	1000 Gal	138.00	1,739	17.5	Mul Stk Non-1990	0.1				
1752 RG&E - RUSSELL STATION																
Affected	001			1,260						1,681.0	0.518	1,360.1	756.5	486.8		
Affected		10100212	Bituminous Coal		0.402 1	97,500.0	Tons	26.00	2,535,000	13.7	Mul Stk Non-1990	668.0	0.525	533.2	300.6	191.2
Affected		10100501	Distillate Oil		0.532 1	105.0	1000 Gal	138.00	14,490	16.0	Mul Stk Non-1990	667.2				
Affected	002	10100212	Bituminous Coal	1,480	0.453 1	151,300.0	Tons	26.00	3,933,800	13.4	Mul Stk Non-1990	0.8				
Affected		10100501	Distillate Oil		0.431 1	50.4	1000 Gal	138.00	6,955	33.7	Mul Stk Non-1990	1,013.0	0.514	826.9	455.9	295.6
3152	LILCO - E F BARRETT									1,921.4	0.305	1,639.2	1,349.1	1,058.9		
Affected	001			1,715						840.1	0.295	721.0	576.8	432.6		
Affected		10100404	Residual Oil		0.129 1	822.2	1000 Gal	150.00	123,330	52.5	Mul Stk Non-1990	21.6				
Affected		10100604	Natural Gas		0.551 1	5,480.2	10x6 Cu Ft	1,030.00	5,644,606	298.7	Mul Stk Non-1990	818.5				
Affected	002	10100404	Residual Oil	1,715	0.048 1	763.7	1000 Gal	150.00	114,555	52.5	Mul Stk Non-1990	850.0	0.301	729.8	583.8	437.9
Affected		10100604	Natural Gas		0.557 1	5,557.0	10x6 Cu Ft	1,030.00	5,723,710	298.7	Mul Stk Non-1990	829.9				

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)			
059 Nassau Co - Inner Zone - Severe														
	3152 LILCO - E F BARRETT									1,921.4	0.305	1,639.2	1,349.1	1,058.9
	004		250							9.3	0.354	9.3	9.3	9.3
Baseline		20100101 Distillate Oil		0.046 1	0.7 1000 Gal	137.40	96	85.7 Mul Stk Non-1990		0.0				
Baseline		20100201 Natural Gas		0.499 1	53.2 10x6 Cu Ft	1,000.00	53,200	350.0 Mul Stk Non-1990		9.3				
	005		250							9.3	0.354	9.3	9.3	9.3
Baseline		20100101 Distillate Oil		0.046 1	0.7 1000 Gal	137.40	96	85.7 Mul Stk Non-1990		0.0				
Baseline		20100201 Natural Gas		0.499 1	53.2 10x6 Cu Ft	1,000.00	53,200	350.0 Mul Stk Non-1990		9.3				
	006		250							9.3	0.354	9.3	9.3	9.3
Baseline		20100101 Distillate Oil		0.046 1	0.7 1000 Gal	137.40	96	85.7 Mul Stk Non-1990		0.0				
Baseline		20100201 Natural Gas		0.499 1	53.2 10x6 Cu Ft	1,000.00	53,200	350.0 Mul Stk Non-1990		9.3				
	007		250							9.3	0.354	9.3	9.3	9.3
Baseline		20100101 Distillate Oil		0.046 1	0.7 1000 Gal	137.40	96	85.7 Mul Stk Non-1990		0.0				
Baseline		20100201 Natural Gas		0.499 1	53.2 10x6 Cu Ft	1,000.00	53,200	350.0 Mul Stk Non-1990		9.3				
	008		250							9.3	0.354	9.3	9.3	9.3
Baseline		20100101 Distillate Oil		0.046 1	0.7 1000 Gal	137.40	96	85.7 Mul Stk Non-1990		0.0				
Baseline		20100201 Natural Gas		0.499 1	53.2 10x6 Cu Ft	1,000.00	53,200	350.0 Mul Stk Non-1990		9.3				
	009		250							9.3	0.354	9.3	9.3	9.3
Baseline		20100101 Distillate Oil		0.046 1	0.7 1000 Gal	137.40	96	85.7 Mul Stk Non-1990		0.0				
Baseline		20100201 Natural Gas		0.499 1	53.2 10x6 Cu Ft	1,000.00	53,200	350.0 Mul Stk Non-1990		9.3				
	00A		250							9.3	0.354	9.3	9.3	9.3
Baseline		20100101 Distillate Oil		0.046 1	0.7 1000 Gal	137.40	96	85.7 Mul Stk Non-1990		0.0				
Baseline		20100201 Natural Gas		0.499 1	53.2 10x6 Cu Ft	1,000.00	53,200	350.0 Mul Stk Non-1990		9.3				
	00B		250							9.3	0.354	9.3	9.3	9.3
Baseline		20100101 Distillate Oil		0.046 1	0.7 1000 Gal	137.40	96	85.7 Mul Stk Non-1990		0.0				
Baseline		20100201 Natural Gas		0.499 1	53.2 10x6 Cu Ft	1,000.00	53,200	350.0 Mul Stk Non-1990		9.3				
	00C		250							19.6	0.554	14.2	14.2	14.2
Baseline		20100101 Distillate Oil		0.049 1	1.0 1000 Gal	137.40	137	100.0 Mul Stk Non-1990		0.1				
Baseline		20100201 Natural Gas		0.500 1	71.0 10x6 Cu Ft	1,000.00	71,000	550.1 Mul Stk Non-1990		19.5				
	00D		250							19.6	0.554	14.2	14.2	14.2
Baseline		20100101 Distillate Oil		0.049 1	1.0 1000 Gal	137.40	137	100.0 Mul Stk Non-1990		0.1				
Baseline		20100201 Natural Gas		0.500 1	71.0 10x6 Cu Ft	1,000.00	71,000	550.1 Mul Stk Non-1990		19.5				
	00E		250							19.6	0.554	14.2	14.2	14.2
Baseline		20100101 Distillate Oil		0.049 1	1.0 1000 Gal	137.40	137	100.0 Mul Stk Non-1990		0.1				
Baseline		20100201 Natural Gas		0.500 1	71.0 10x6 Cu Ft	1,000.00	71,000	550.1 Mul Stk Non-1990		19.5				
	00F		250							19.6	0.554	14.2	14.2	14.2
Baseline		20100101 Distillate Oil		0.049 1	1.0 1000 Gal	137.40	137	100.0 Mul Stk Non-1990		0.1				
Baseline		20100201 Natural Gas		0.500 1	71.0 10x6 Cu Ft	1,000.00	71,000	550.1 Mul Stk Non-1990		19.5				
	00G		250							19.6	0.554	14.2	14.2	14.2
Baseline		20100101 Distillate Oil		0.049 1	1.0 1000 Gal	137.40	137	100.0 Mul Stk Non-1990		0.1				
Baseline		20100201 Natural Gas		0.500 1	71.0 10x6 Cu Ft	1,000.00	71,000	550.1 Mul Stk Non-1990		19.5				
	00H		250							19.6	0.554	14.2	14.2	14.2
Baseline		20100101 Distillate Oil		0.049 1	1.0 1000 Gal	137.40	137	100.0 Mul Stk Non-1990		0.1				
Baseline		20100201 Natural Gas		0.500 1	71.0 10x6 Cu Ft	1,000.00	71,000	550.1 Mul Stk Non-1990		19.5				
	00I		250							19.6	0.554	14.2	14.2	14.2
Baseline		20100101 Distillate Oil		0.049 1	1.0 1000 Gal	137.40	137	100.0 Mul Stk Non-1990		0.1				
Baseline		20100201 Natural Gas		0.500 1	71.0 10x6 Cu Ft	1,000.00	71,000	550.1 Mul Stk Non-1990		19.5				
	00J		250							19.6	0.554	14.2	14.2	14.2
Baseline		20100101 Distillate Oil		0.049 1	1.0 1000 Gal	137.40	137	100.0 Mul Stk Non-1990		0.1				

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New York

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	HACT	Phase II	Phase III

059 Nassau Co - Inner Zone - Severe

3152 LILCO - E F BARRETT 001										250	1,921.4	0.305	1,639.2	1,349.1	1,058.9	
Baseline		20100201	Natural Gas		0.500	1	71.0	10x6 Cu Ft	1,000.00	71,000	550.1	Mul Stk Non-1990	19.6	0.554	14.2	
Affected		10100404	Residual Oil		0.068	1	377.0	1000 Gal	148.00	55,796	39.9	Mul Stk Non-1990	19.5			
Affected		10100604	Natural Gas		0.603	1	2,857.0	10x6 Cu Ft	1,000.00	2,857,000	220.0	Mul Stk Non-1990	321.8	0.227	321.2	
007					1,060								314.3			
Affected		10100404	Residual Oil		0.057	1	418.4	1000 Gal	148.00	61,923	40.0	Mul Stk Non-1990	323.4	0.229	322.8	
Affected		10100604	Natural Gas		0.624	1	2,864.4	10x6 Cu Ft	1,000.00	2,864,400	220.0	Mul Stk Non-1990	315.1			
008					1,060								292.6		219.5	
Baseline	009	20100101	Distillate Oil		591	0.523	1	302.7	1000 Gal	137.80	41,712	75.8	Mul Stk Non-1990	11.5	0.550	8.3
Baseline	00A	20100101	Distillate Oil		591	0.523	1	302.7	1000 Gal	137.80	41,712	75.8	Mul Stk Non-1990	11.5	0.550	8.3

5705 TBG COGEN COGENERATI

Baseline	01A	10100601	Natural Gas		162	0.420	1	846.7	10x6 Cu Ft	1,031.00	872,948	333.0	Non-1990 Other CEMS	269.3	0.309	227.0	227.0	227.0
Baseline	03A	10100601	Natural Gas		162	0.420	1	846.7	10x6 Cu Ft	1,031.00	872,948	303.1	Non-1990 Other CEMS	141.0	0.323	113.5	113.5	113.5

061 New York Co - Inner Zone - Severe

CE01 CON ED - 59TH ST GEN STATION										149.8	0.209	149.3	143.6	107.9				
Affected	001	10100404	Residual Oil		1,939	0.281	1	4,376.4	1000 Gal	148.00	647,707	29.6	Sing Stk Max Load	64.8	0.200	64.8	64.8	48.6
Affected	002	10100401	Residual Oil		1,334	0.312	1	5,292.0	1000 Gal	148.00	783,216	31.7	Sing Stk Max Load	84.0	0.215	84.0	78.3	58.7
Baseline	02Z	20100101	Distillate Oil		220	0.501	1	19.6	1000 Gal	137.00	2,685	106.1	Sing Stk Max Load	1.0	0.775	0.5	0.5	0.5

CE02 CON ED - 74TH ST GENERATING STATION

Affected	001	10100404	Residual Oil		2,703	0.656	1	15,598.6	1000 Gal	149.00	2,324,191	48.3	Sing Stk Max Load	376.5	0.324	290.5	232.4	174.3
Baseline	02Z	20100101	Distillate Oil		446	0.761	1	10.8	1000 Gal	137.00	1,480	105.6	Sing Stk Max Load	0.6	0.770	0.3	0.3	0.3

CE04 CON ED - EAST RIVER GENERATING

002		10100401	Residual Oil		3,256									1,385.3	0.324	1,051.8	854.4	640.8
Affected		10100401	Residual Oil			0.342	1	25,582.2	1000 Gal	148.00	3,786,166	51.5	Sing Stk Max Load	844.4	0.324	658.9	540.0	405.0
Affected		10100601	Natural Gas			0.571	1	1,561.0	10x6 Cu Ft	1,034.00	1,614,074	237.8	Sing Stk Max Load	185.6				
003		10100601	Natural Gas		1,940									540.9	0.340	392.9	314.3	235.8
Affected		10100401	Residual Oil			0.354	1	11,600.4	1000 Gal	148.00	1,716,859	47.5	Sing Stk Max Load	275.8				
Affected		10100601	Natural Gas			0.497	1	1,381.0	10x6 Cu Ft	1,033.00	1,426,573	384.3	Sing Stk Max Load	265.3				

CE05 CON ED - WATERSIDE GENERATING

001		10100604	Natural Gas		1,303									556.2	0.127	556.1	556.1	519.8
Affected	002	10100604	Natural Gas		1,792	0.196	1	337.0	10x6 Cu Ft	1,032.00	347,784	77.2	Sing Stk Max Load	13.0	0.125	13.0	13.0	13.0
Affected	003	10100604	Natural Gas		2,562	0.503	1	2,191.0	10x6 Cu Ft	1,033.00	2,263,303	188.0	Sing Stk Max Load	206.0	0.193	206.0	206.0	169.8
Affected		10100404	Residual Oil			0.168	1	1,087.8	1000 Gal	148.00	160,994	34.1	Sing Stk Max Load	18.6				
Affected		10100604	Natural Gas			0.452	1	5,807.0	10x6 Cu Ft	1,033.00	5,998,631	109.5	Sing Stk Max Load	317.9				

Final OTC NOx Baseline Inventory

New York

Point-Segment Level Data

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III	
061 New York Co - Inner Zone - Severe														
CE05	CON ED - WATERSIDE GENERATING									556.2	0.127	556.1	556.1	519.8
Baseline	022	20100101	Distillate Oil	9,999	0.472	1	22.3	1000 Gal	137.00	3,055	67.3	Sing Stk Max Load	0.6	0.6
063 Niagara Co - Outer Zone - Marginal														
0118 OCCIDENTAL CHEMICAL														
Affected	006	10200501	Distillate Oil	286	0.364	1	28.0	1000 Gal	143.00	4,004	20.0	AP-42	0.3	0.3
	007			501									3.2	0.3
Affected		10200501	Distillate Oil		0.364	1	28.0	1000 Gal	143.00	4,004	20.0	AP-42	0.3	0.3
Affected		10200602	Natural Gas		0.363	1	40.7	10x6 Cu Ft	1,030.00	41,921	142.5	AP-42	2.9	3.2
0383 AMERICAN REF-FUEL NI														
Affected	00C	10200401	Residual Oil	359	0.417	1	29.6	1000 Gal	154.00	4,658	56.1	AP-42	0.8	0.8
	0D1			287									249.2	0.3
Affected		10200202	Bituminous Coal		0.370	1	22,960.3	Tons	25.00	574,008	21.7	AP-42	249.1	129.2
Affected		10200501	Distillate Oil		0.372	1	9.3	1000 Gal	138.00	1,283	20.0	AP-42	0.1	112.1
0430 NYSEG - KINTIGH (SOMERSET)														
Affected	001	10100202	Bituminous Coal	6,280	0.459	1	806,948.0	Tons	26.30	21,222,732	13.9	Non-1990 Other CEMS	5,625.2	0.530
Baseline	002	10100501	Distillate Oil	195	0.167	1	70.4	1000 Gal	138.00	9,715	34.4	Non-1990 Other CEMS	5,624.0	0.530
													1.2	1.2
													4,775.1	2,530.8
													1.2	1.2
071 Orange Co - Inner Zone - Severe														
0370 CEN. HUDSON - DANSKAMMER POINT														
Affected	001			620							3,191.1	0.481	2,372.9	1,291.9
Affected		10100604	Natural Gas		0.554	1	1,854.9	10x6 Cu Ft	1,034.00	1,711,167	165.3	Mul Stk Non-1990	136.8	0.170
Affected	002			651									136.8	136.8
Affected		10100604	Natural Gas		0.491	1	1,465.2	10x6 Cu Ft	1,034.00	1,515,017	180.9	Mul Stk Non-1990	132.5	0.184
Affected	003			1,414									132.5	132.5
Affected		10100212	Bituminous Coal		0.455	1	154,700.0	Tons	26.36	4,077,892	15.6	Non-1990 Other CEMS	1,203.9	0.589
Affected		10100604	Natural Gas		0.328	1	8.2	10x6 Cu Ft	1,035.00	8,487	275.6	AP-42	1.1	857.5
Affected	004			2,079									1,717.8	421.4
Affected		10100212	Bituminous Coal		0.450	1	223,800.0	Tons	26.36	5,899,368	15.3	Non-1990 Other CEMS	1,710.8	0.575
Affected		10100604	Natural Gas		0.284	1	53.0	10x6 Cu Ft	1,033.00	54,749	274.7	AP-42	7.3	446.6
0475 CEN. HUDSON - ROSETON GENERATING S														
Affected	001			5,397							5,302.4	0.431	3,077.1	2,463.0
Affected		10100404	Residual Oil		0.429	1	89,628.0	1000 Gal	151.00	13,533,828	66.4	Mul Stk Non-1990	2,979.1	0.440
Affected		10100501	Distillate Oil		0.365	1	138.0	1000 Gal	138.00	19,044	23.9	Mul Stk Non-1990	1.7	1,693.4
Affected	002			5,397									2,323.3	1,355.3
Affected		10100404	Residual Oil		0.364	1	73,206.0	1000 Gal	151.00	11,054,108	63.4	Mul Stk Non-1990	2,321.4	0.420
Affected		10100501	Distillate Oil		1.000	1	163.8	1000 Gal	138.00	22,604	23.9	Mul Stk Non-1990	2.0	830.7

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)										
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III								
075 Oswego Co - Outer Zone - Attainment																						
0115 NIAGARA MOHAWK - OSWEGO GENERATING STA.																						
Affected	002	10100401 Residual Oil	1,735	0.401 1	82,891.2	1000 Gal	151.20	12,533,149	89.1	Mul Stk Non-1990	5,624.9	0.461	3,050.3	2,810.4	1,831.1							
Affected		10100601 Natural Gas		0.415 1	2,150.9	10x6 Cu Ft	1,032.00	2,219,729	542.9	State Factor	4,274.8	0.580	1,844.1	1,844.1	1,106.5							
Affected	004	10100401 Residual Oil	8,397	0.407 1	63,886.2	1000 Gal	150.20	9,595,707	42.1	Non-1990 Other CEMS	1,350.1	0.279	1,206.2	966.2	724.7							
Affected		10100601 Natural Gas		0.435 1	64.8	10x6 Cu Ft	1,032.00	66,874	206.5	Non-1990 Other CEMS	1,343.4	6.7										
0211 OSWEGO ENERGY CO. - INDECK																						
Baseline	001	20200103 Distillate Oil	533	0.377 3	436.2	1000 Gal	139.00	60,632	67.4	Non-1990 Other CEMS	51.8	0.182	49.2	49.2	49.2							
Baseline		20200203 Natural Gas		0.377 3	492.8	10x6 Cu Ft	1,032.00	508,570	150.6	Non-1990 Other CEMS	51.8	0.182	49.2	49.2	49.2							
081 Queens Co - Inner Zone - Severe																						
CE01 CON ED - ASTORIA GENERATING STATION																						
Affected	001	10100401 Residual Oil	1,890	0.269 1	3,297.0	1000 Gal	148.00	487,956	44.1	Sing Stk Max Load	4,235.2	0.270	3,888.8	3,091.7	2,347.2							
Affected		10100601 Natural Gas		0.535 1	3,907.0	10x6 Cu Ft	1,033.00	4,035,931	309.9	Sing Stk Max Load	678.1	0.300	565.5	452.4	339.3							
Affected	002	10100401 Residual Oil	1,790	0.192 1	2,784.6	1000 Gal	148.00	412,121	44.3	Sing Stk Max Load	72.7											
Affected		10100601 Natural Gas		0.517 1	4,153.0	10x6 Cu Ft	1,033.00	4,290,049	309.9	Sing Stk Max Load	605.4											
Affected	003	10100401 Residual Oil	3,700	0.206 1	6,094.2	1000 Gal	148.00	901,942	61.7	Sing Stk Max Load	705.1	0.300	587.8	470.2	352.7							
Affected		10100601 Natural Gas		0.554 1	6,932.0	10x6 Cu Ft	1,033.00	7,160,756	301.6	Sing Stk Max Load	188.1											
Affected	004	10100404 Residual Oil	3,550	0.950 1	14,401.8	1000 Gal	148.00	2,131,466	40.0	Sing Stk Max Load	1,233.5	0.324	1,007.8	806.3	604.7							
Affected		10100604 Natural Gas		1.513 1	2,909.0	10x6 Cu Ft	1,033.00	3,004,997	216.9	Sing Stk Max Load	1,045.5											
Affected	005	10100404 Residual Oil	3,960	0.392 1	19,521.6	1000 Gal	148.00	2,889,197	40.0	Sing Stk Max Load	603.3	0.236	582.0	513.6	385.2							
Affected		10100604 Natural Gas		0.531 1	4,323.0	10x6 Cu Ft	1,033.00	4,465,659	216.9	Sing Stk Max Load	1,045.5											
Affected	022	20100101 Distillate Oil	2,579	0.392 1	1,438.9	1000 Gal	137.00	198,855	97.7	Sing Stk Max Load	858.9	0.238	830.0	735.5	551.6							
Affected		20100201 Natural Gas		0.405 1	360.0	10x6 Cu Ft	1,033.00	371,880	478.3	Sing Stk Max Load	390.0											
Baseline											70.2											
Baseline											88.1											
CE02 CON ED - RAVENSWOOD GENERATIN																						
Affected	001	10100404 Residual Oil	3,750	0.256 1	2,984.4	1000 Gal	148.00	441,691	40.7	Sing Stk Max Load	5,788.1	0.320	4,213.8	3,553.7	2,884.4							
Affected		10100604 Natural Gas		0.444 1	6,886.0	10x6 Cu Ft	1,033.00	7,113,238	226.2	Sing Stk Max Load	839.6	0.224	834.1	755.5	566.6							
Affected	002	10100804 Natural Gas	3,660	0.616 1	6,179.0	10x6 Cu Ft	1,033.00	6,382,907	226.2	Sing Stk Max Load	778.9											
Affected		10100804 Natural Gas		9,240	0.344 1	48,090.0	1000 Gal	148.00	7,117,320	53.7	Sing Stk Max Load	698.9	0.221	698.9	638.3	478.7						
Affected		10100604 Natural Gas		0.529 1	13,279.0	10x6 Cu Ft	1,033.00	13,717,207	431.8	Sing Stk Max Load	1,291.8											
Affected	022	20100101 Distillate Oil	6,405	0.400 1	233.7	1000 Gal	137.00	32,017	100.8	Sing Stk Max Load	88.8	0.464	76.4	76.4	76.4							
Baseline											11.8											

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III
081 Queens Co - Inner Zone - Severe														
										5,786.1	0.329	4,213.8	3,553.7	2,684.4
										88.8	0.464	76.4	76.4	76.4
										77.0				
CE02 CON ED - RAVENSWOOD GENERATIN														
	02Z	20100201	Natural Gas	6,405	0.384	1	339.0	10x6 Cu Ft	1,033.00	350,187	454.5	Sing Stk Max Load		
Baseline														
Affected	001	10100401	Residual Oil	710	0.362	1	2,319.1	1000 Gal	148.00	343,227	54.3	Sing Stk Max Load	126.0	0.367
Affected	002	10100401	Residual Oil	710	0.362	1	2,320.0	1000 Gal	148.00	343,360	54.3	Sing Stk Max Load	63.0	0.367
CE03 CON ED - RAVENSWOOD -A- HOUSE														
Affected	001	10100404	Residual Oil	710	0.111	1	1,101.7	1000 Gal	148.00	163,052	41.4	Mul Stk Non-1990	368.4	0.261
Affected	002	10100604	Natural Gas	1,060	0.651	1	2,578.6	10x6 Cu Ft	1,031.00	2,658,537	268.1	Mul Stk Non-1990	368.4	0.265
LILC LILCO - FAR ROCKAWAY STATION														
	001	20100101		1,060										
Affected														
Affected														
PANY CHARLES POLETTI POWE														
	002	20100601		8,266										
Affected														
Affected														
085 Richmond Co - Inner Zone - Severe														
CE01 CON ED - ARTHUR KILL GENERATI														
	001	20100101		7,246										
Affected														
Affected														
Baseline	02Z	20100101	Distillate Oil	235	0.870	1	31,655.4	1000 Gal	148.00	4,684,999	47.4	Sing Stk Max Load	1,395.7	0.279
Affected														
Affected														
PG01 PORT IVORY PLANT														
Affected	001	10200602	Natural Gas	360	0.417	1	284.8	10x6 Cu Ft	1,030.00	293,344	140.6	AP-42	20.0	0.136
087 Rockland Co - Inner Zone - Severe														
0228 BOWLINE POINT														
	001	20100101		5,546										
Affected														
Affected														
Baseline	02Z	20100101	Residual Oil	235	0.462	1	58,451.4	1000 Gal	148.70	8,691,723	38.7	Mul Stk Non-1990	1,394.8	0.268
Affected														
Affected														
0720 LOVET GENERATING STATION														
Affected	002	10100601	Natural Gas	252	1.000	1	13.5	10x6 Cu Ft	1,034.00	13,959	296.3	Mul Stk Non-1990	3,694.6	0.770
Affected	003	10100604	Natural Gas	715	0.429	1	1,180.8	10x6 Cu Ft	1,034.00	1,220,947	413.6	Mul Stk Non-1990	2.0	0.287
Affected	004	10100601	Natural Gas	1,835	0.357	1	18,950.4	1000 Gal	148.70	2,817,924	58.0	Mul Stk Non-1990	92.0	0.400
Affected														
Affected														
0720 LOVET GENERATING STATION														
Affected	002	10100601	Natural Gas	252	0.603	1	12,711.2	10x6 Cu Ft	1,035.00	13,158,092	238.1	Mul Stk Non-1990	2,062.5	0.272
Affected														
Affected														
0720 LOVET GENERATING STATION														
Affected	002	10100601	Natural Gas	252	0.515	1	177,400.0	Tons	28.00	4,612,400	24.8	Mul Stk Non-1990	3,694.6	0.770
Affected	003	10100604	Natural Gas	715	0.346	1	234.6	10x6 Cu Ft	1,034.00	242,576	413.6	Mul Stk Non-1990	2.0	0.287
Affected	004	10100601	Bituminous Coal	1,835	0.346	1					48.5		1.7	1.4
													152.6	1.0
Affected													122.1	91.6
Affected													786.2	561.6

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Point-Segment Level Data

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity		Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
				Frac/Code	Fuel Use/Units					Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III

087 Rockland Co - Inner Zone - Severe**0720 LOVET GENERATING STATION**

Affected	005	10100202 Bituminous Coal	1,920	0.365	1	116,800.0	Tons	26.00	3,036,800	19.0	Mul Stk Non-1990	3,694.6	0.770	2,017.6	1,330.4	954.7
Affected	005	10100801 Natural Gas		0.385	1	452.2	10x6 Cu Ft	1,035.00	468,027	414.0	Mul Stk Non-1990	1,202.0	0.688	776.9	420.7	300.5

091 Saratoga Co - Outer Zone - Marginal**0145 HUDSON RIVER MILL**

Affected	007	10200401 Residual Oil	589	0.420	1	10,487.4	1000 Gal	150.00	1,573,110	80.0	Mul Stk Non-1990	471.9	0.600	198.6	198.6	118.0
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101 Steuben Co - Outer Zone - Attainment**0110 NYSEG - HICKLING STATION**

Affected	001	10100205 Bituminous Coal	582	0.357	1	52,798.0	Tons	21.60	1,140,437	8.6	Mul Stk Non-1990	565.0	0.400	423.7	282.5	211.9
Affected	002	10100205 Bituminous Coal	832	0.405	1	77,980.0	Tons	21.60	1,684,368	8.6	Mul Stk Non-1990	228.1	0.400	171.1	114.0	85.5

103 Suffolk Co - Inner Zone - Severe**1922 LILCO - NORTHPORt POWER STATION**

Affected	001	10100404 Residual Oil	3,435	0.412	1	49,410.6	1000 Gal	151.00	7,461,001	45.3	Mul Stk Non-1990	4,856.0	0.300	4,048.0	3,239.4	2,429.6
Affected	001	10100501 Distillate Oil		0.367	1	78.1	1000 Gal	138.00	10,778	27.7	Mul Stk Non-1990	1,120.2	0.300	933.7	747.2	560.4
Affected	002	10100404 Residual Oil	3,435	0.483	1	59,060.0	1000 Gal	151.00	8,918,060	45.3	Mul Stk Non-1990	1,119.2				
Affected	002	10100501 Distillate Oil		0.495	1	105.4	1000 Gal	138.00	14,545	27.5	Mul Stk Non-1990	1,339.2	0.300	1,116.2	893.3	669.9
Affected	003	10100404 Residual Oil	3,381	0.520	1	63,526.4	1000 Gal	151.00	9,592,486	45.3	Mul Stk Non-1990	1,437.7				
Affected	003	10100501 Distillate Oil		0.561	1	119.4	1000 Gal	138.00	16,477	27.6	Mul Stk Non-1990	1,440.5	0.300	1,200.7	960.9	720.7
Affected	004	10100404 Residual Oil	3,430	0.520	1	42,193.2	1000 Gal	151.00	6,371,173	45.3	Mul Stk Non-1990	1,438.9				
Affected	004	10100501 Distillate Oil		0.374	1	71.0	1000 Gal	138.00	9,798	27.6	Mul Stk Non-1990	956.7	0.300	797.4	638.1	478.6
Affected	004	10100404 Residual Oil		0.333	1							955.7				
Affected	004	10100501 Distillate Oil										1.0				

2110 LILCO - HOLBROOK

Baseline	001	20100101 Distillate Oil	402	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	368.0	0.850	173.1	173.1	173.1
Baseline	002	20100101 Distillate Oil	402	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	003	20100101 Distillate Oil	402	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	004	20100101 Distillate Oil	402	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	005	20100101 Distillate Oil	402	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	006	20100101 Distillate Oil	402	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	007	20100101 Distillate Oil	402	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	008	20100101 Distillate Oil	402	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	009	20100101 Distillate Oil	402	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	00A	20100101 Distillate Oil	402	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	00B	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	00C	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	00D	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	00E	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7

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New York

Point-Segment Level Data

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity		Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)			
				Fac/Code	Fuel Use/Units						Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III	
103 Suffolk Co - Inner Zone - Severe																
Baseline	00F	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	368.0	0.850	173.1	173.1	173.1
Baseline	00G	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	368.0	0.850	8.7	8.7	8.7
Baseline	00H	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	368.0	0.850	8.7	8.7	8.7
Baseline	00I	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	368.0	0.850	8.7	8.7	8.7
Baseline	00J	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	368.0	0.850	8.7	8.7	8.7
Baseline	00K	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	368.0	0.850	8.7	8.7	8.7
2110 LILCO - HOLBROOK																
Baseline	00F	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	00G	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	00H	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	00I	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	00J	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
Baseline	00K	20100101 Distillate Oil	336	0.459	1	314.1	1000 Gal	137.80	43,283	117.2	Mul Stk Non-1990	18.4	0.850	8.7	8.7	8.7
3228 LILCO - PORT JEFFERSON PR ST																
Affected	001	10100404 Residual Oil	1,080	0.389	1	4,603.4	1000 Gal	151.00	695,113	54.4	Mul Stk Non-1990	1,587.1	0.360	1,102.4	882.4	661.8
Affected	002		1,693									125.1	0.360	86.9	69.5	52.1
Affected		10100404 Residual Oil		0.418	1	28,267.8	1000 Gal	151.00	4,268,438	54.4	Mul Stk Non-1990	768.3	0.360	533.9	427.3	320.5
Affected		10100501 Distillate Oil		0.291	1	34.9	1000 Gal	138.00	4,816	17.8	Mul Stk Non-1990	0.3				
Affected	003		1,693									693.4	0.360	481.6	385.5	289.1
Affected		10100404 Residual Oil		0.449	1	25,499.6	1000 Gal	151.00	3,850,440	54.4	Mul Stk Non-1990	693.1				
Affected		10100501 Distillate Oil		0.346	1	34.9	1000 Gal	138.00	4,816	17.8	Mul Stk Non-1990	0.3				
3537 LILCO - WADING RIVER																
Baseline	00A	20100101 Distillate Oil	857	0.497	1	1,623.3	1000 Gal	138.70	225,152	34.7	Mul Stk Non-1990	84.4	0.250	84.4	84.4	84.4
Baseline	00B	20100101 Distillate Oil	857	0.497	1	1,623.3	1000 Gal	138.70	225,152	34.7	Mul Stk Non-1990	84.4	0.250	28.1	28.1	28.1
Baseline	00C	20100101 Distillate Oil	857	0.497	1	1,623.3	1000 Gal	138.70	225,152	34.7	Mul Stk Non-1990	84.4	0.250	28.1	28.1	28.1
BRIC LILCO - BROOKHAVEN COM																
Baseline	013	20100101 Distillate Oil	423	0.098	1	13.6	1000 Gal	138.70	1,886	76.5	Mul Stk Non-1990	0.7	0.598	0.5	0.5	0.5
Baseline	014	20100101 Distillate Oil	254	0.100	1	4.0	1000 Gal	138.70	555	105.0	Mul Stk Non-1990	0.5	0.551	0.4	0.4	0.4
												0.2	0.757	0.1	0.1	0.1
EHIC LILCO - EAST HAMPTON I																
Baseline	001	20100101 Distillate Oil	274	0.967	1	402.2	1000 Gal	138.70	55,785	104.0	Mul Stk Non-1990	20.9	0.750	11.2	11.2	11.2
												20.9	0.750	11.2	11.2	11.2
SHIC LILCO - SOUTHHOLD IC SI																
Baseline	001	20100101 Distillate Oil	223	0.670	1	33.1	1000 Gal	138.70	4,591.	76.1	Mul Stk Non-1990	1.3	0.549	0.9	0.9	0.9
												1.3	0.549	0.9	0.9	0.9
WBIC LILCO - WEST BABYLON I																
Baseline	001	20100101 Distillate Oil	578	0.517	1	281.4	1000 Gal	138.70	39,030	76.3	Mul Stk Non-1990	10.7	0.550	7.8	7.8	7.8
												10.7	0.550	7.8	7.8	7.8
109 Tompkins Co - Outer Zone - Attainment																
0120 NYSEG - MILLIKEN STATION																
Affected	001		1,484									3,178.7	0.670	1,992.8	1,430.4	794.7
Affected		10100212 Bituminous Coal		0.433	1	193,054.0	Tons	24.32	4,695,073	16.3	Mul Stk Non-1990	1,573.1	0.670	986.2	707.9	393.3
Affected		10100501 Distillate Oil		0.454	1	15.9	1000 Gal	138.00	2,194	34.0	Mul Stk Non-1990	1,572.9				
Affected	002		1,517									0.3				
Affected		10100212 Bituminous Coal		0.447	1	197,062.0	Tons	24.32	4,792,548	16.3	Mul Stk Non-1990	1,605.6	0.670	1,006.6	722.5	401.4
Affected		10100501 Distillate Oil		0.212	1	7.0	1000 Gal	138.00	966	34.3	Mul Stk Non-1990	1,605.5		0.1		

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Affected Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
									Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III

119 Westchester Co - Inner Zone - Severe

Z504 CON ED - BUCHANAN	02Z	20100101	Distillate Oil	765	0.796	1	86.4	1000 Gal	137.00	11,837	97.7	AP-42	4.2	0.713	2.4	2.4	2.4
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123 Yates Co - Outer Zone - Attainment

0028 NYSEG - GREENIDGE STATION	007	760											1,063.8	0.573	785.3	478.6	294.3
Affected	10100202	Bituminous Coal	0.173	1	19,673.0	Tons	24.68	485,530	21.5	Mul Stk Non-1990	211.2						
Affected	10100501	Distillate Oil	0.403	1	95.5	1000 Gal	135.00	12,893	33.7	Mul Stk Non-1990	1.6						
	008		1,117								850.8	0.529	674.4	382.8	241.1		
Affected	10100212	Bituminous Coal	0.430	1	130,871.0	Tons	24.50	3,206,340	13.0	Mul Stk Non-1990	849.7						
Affected	10100501	Distillate Oil	0.368	1	63.0	1000 Gal	138.00	8,694	34.6	Mul Stk Non-1990	1.1						

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)	
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III
001 Adams Co - Outer Zone - Marginal													
0017	METROPOLITAN EDISON COMPANY									43.1	0.446	38.7	38.7
Baseline	031	20100201	Natural Gas	326	0.417 3	86.7 10x6 Cu Ft	1,037.00	89,908	462.0 AP-42	20.0	0.446	18.0	18.0
Baseline	032	20100201	Natural Gas	326	0.417 3	28.2 10x6 Cu Ft	1,037.00	29,243	462.0 AP-42	6.5	0.446	5.8	5.8
Baseline	033	20100201	Natural Gas	326	0.417 3	71.6 10x6 Cu Ft	1,037.00	74,249	462.0 AP-42	16.5	0.446	14.9	14.9
HAMI MET EDISON HAMILTON													
Baseline	031	20100101	Distillate Oil	150	0.557 1	136.7 1000 Gal	138.00	18,718	80.5 Sing Stk Rep Cond	5.5	0.588	3.7	3.7
ORTA MET EDISON ORTANNA													
Baseline	031	20100101	Distillate Oil	150	0.809 1	94.8 1000 Gal	138.00	13,130	82.3 Sing Stk Rep Cond	3.9	0.594	2.6	2.6
003 Allegheny Co - Outer Zone - Moderate													
0009	USX CORPORATION - EDGAR THOMSON WORKS									101.2	0.082	101.2	101.2
Affected	001	10200704	Process Gas	428	0.387 3	8,120.9	80.00	649,675	5.0	20.2	0.062	20.2	20.2
Affected	002	10200707	Process Gas	428	0.320 3	479.0	497.00	238,083	30.7	7.4	0.062	7.4	7.4
Affected	003	10200601	Natural Gas	428	0.260 3	18.2 10x6 Cu Ft	1,010.00	18,382	57.1	0.6	0.057	0.6	0.5
Affected	004	10200704	Process Gas	428	0.527 3	11,874.2	80.00	949,938	5.0	29.5	0.082	29.5	29.5
Affected	005	10200707	Process Gas	428	0.457 3	801.5	497.00	398,321	30.8	12.3	0.062	12.3	12.3
Affected	006	10200601	Natural Gas	428	0.407 3	31.3 10x6 Cu Ft	1,010.00	31,626	51.9	0.8	0.051	0.8	0.8
Affected	007	10200704	Process Gas	428	0.373 3	8,289.9	80.00	663,189	5.0	20.9	0.063	20.9	20.9
Affected	008	10200707	Process Gas	428	0.387 3	568.8	497.00	282,687	31.3	8.9	0.063	8.9	8.9
Affected	009	10200601	Natural Gas	428	0.350 3	23.5 10x6 Cu Ft	1,010.00	23,685	59.6	0.7	0.059	0.7	0.7
0011 USX CORPORATION - CLAIRTON WORKS													
Affected	050	10200707	Process Gas	728	0.430 3	5,031.0	559.00	2,812,329	21.9	338.1	0.158	228.8	207.7
Affected	051	10200601	Natural Gas	728	0.377 3	62.9 10x6 Cu Ft	1,010.00	63,532	203.6	55.0	0.039	55.0	55.0
Affected	052	10200202	Bituminous Coal	728	0.003 3	2.0 Tons	27.00	55	20.0	6.4	0.202	6.4	4.8
Affected	053	10200707	Process Gas	437	0.363 3	2,358.0	559.00	1,318,141	211.1	248.9	0.378	149.3	131.8
Affected	054	10200601	Natural Gas	437	0.377 3	36.2 10x6 Cu Ft	1,010.00	36,522	208.1	3.8	0.206	3.7	2.7
Affected	055	10200202	Bituminous Coal	437	0.250 3	2,279.3 Tons	27.00	61,540	21.1	24.0	0.780	14.4	10.8
0029 DUQUESNE LIGHT COMPANY, CHESWICK STATION													
001			5,280							4,559.1	0.607	3,371.6	2,051.6
Affected		10100212	Bituminous Coal		0.457 3	606,580.3 Tons	24.85	14,952,204	15.0	4,549.4	0.607	3,371.6	2,051.6
Affected		10100604	Natural Gas		0.457 3	71.2 10x6 Cu Ft	1,030.00	73,377	275.2	9.8			1,139.8
0031 DUQUESNE LIGHT COMPANY, BRUNOT STATION													
Baseline	001	20100101	Distillate Oil	300	0.330 3	17.8 1000 Gal	140.00	2,492	67.9	6.5	0.484	5.3	5.3
Baseline	002	20100101	Distillate Oil	300	0.393 3	22.4 1000 Gal	140.00	3,138	67.9	0.6	0.485	0.5	0.5
Baseline	003	20100101	Distillate Oil	300	0.330 3	19.1 1000 Gal	140.00	2,674	68.0	0.6	0.485	0.6	0.6
Baseline	004	20100101	Distillate Oil	968	0.440 3	15.4 1000 Gal	140.00	2,156	67.8	0.5	0.484	0.5	0.5
Baseline	006	20100101	Distillate Oil	968	0.383 3	48.7 1000 Gal	140.00	6,818	67.8	1.7	0.484	1.4	1.4
Baseline	008	20100101	Distillate Oil	968	0.413 3	67.0 1000 Gal	140.00	9,380	67.8	2.3	0.484	1.9	1.9

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Point-Segment Level Data

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Affected Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)
									Five Month	Emission Rate (lbs/10x6 Btu)	

003 Allegheny Co - Outer Zone - Moderate**0050 SHENANGO IRON & COKE WORKS**

Affected	005	10200704	Process Gas	400	0.003 3	6.5	86.00	558	23.1	76.1	0.143	76.1	76.1	76.1	
Affected	006	10200707	Process Gas	400	0.390 3	1,049.9	561.00	588,983	80.0	42.0	0.143	42.0	42.0	42.0	
Affected	007	10200501	Distillate Oil	400	0.340 3	24.8	1000 Gal	140.00	3,472	20.0	0.2	0.143	0.2	0.2	
Affected	008	10200704	Process Gas	532	0.003 3	3.8	86.00	324	22.6	0.0	0.265	0.0	0.0	0.0	
Affected	009	10200707	Process Gas	532	0.483 3	832.3	561.00	468,920	80.0	33.3	0.143	33.3	33.3	33.3	
Affected	010	10200501	Distillate Oil	532	0.353 3	45.6	1000 Gal	140.00	6,384	20.0	0.5	0.143	0.5	0.5	0.5

005 Armstrong Co - Outer Zone - Moderate**0001 WEST PENN POWER CO.**

Affected	031			1,860						5,109.8	0.986	3,085.9	2,299.4	1,277.5	
Affected		10100202	Bituminous Coal		0.420 1	203,816.0	Tons	26.30	5,355,101	25.0	Non-1990 Other CEMS	2,548.0	0.952	1,527.8	1,145.9
Affected		10100501	Distillate Oil		0.417 3	0.0	1000 Gal	139.00	0	0.0	Non-1990 Other CEMS	0.4			
Affected	032			1,860						2,563.4	1.022	1,538.0	1,153.5	640.9	
Affected		10100202	Bituminous Coal		0.444 1	190,398.0	Tons	26.30	5,007,487	26.9	Non-1990 Other CEMS	2,563.0			
Affected		10100501	Distillate Oil		0.417 3	0.0	1000 Gal	139.00	0	0.0	Non-1990 Other CEMS	0.4			

0012 PECO - KEYSTONE

Affected	031			7,580						18,017.8	0.754	11,099.8	8,108.0	4,504.5	
Affected		10100212	Bituminous Coal		0.407 3	1,046,913.0	Tons	24.00	25,125,912	19.2	Sing Stk Rep Cond	10,044.7	0.799	6,027.5	4,520.1
Affected		10100501	Distillate Oil		0.587 3	167.8	1000 Gal	139.00	23,324	20.3	Sing Stk Rep Cond	1.7			
Affected	032			7,580						7,973.1	0.705	5,072.3	3,587.9	1,993.3	
Affected		10100212	Bituminous Coal		0.420 3	937,079.3	Tons	24.00	22,489,903	17.0	Sing Stk Rep Cond	7,961.0			
Affected		10100501	Distillate Oil		0.673 3	1,208.6	1000 Gal	139.00	167,995	20.0	Sing Stk Rep Cond	12.1			

007 Beaver Co - Outer Zone - Moderate

Affected	031			7,914						23,988.2	0.834	15,151.5	10,794.7	5,997.1	
Affected		10100202	Bituminous Coal		0.418 3	691,398.2	Tons	24.00	16,593,557	21.7	AP-42	7,504.0	0.903	4,503.3	3,376.8
Affected		10100501	Distillate Oil		0.353 3	185.2	1000 Gal	137.00	25,372	23.8	AP-42	7,501.8			
Affected	032			7,914						9,699.8	0.903	5,820.3	4,364.9	2,425.0	
Affected		10100202	Bituminous Coal		0.407 3	893,894.8	Tons	24.00	21,453,470	21.7	AP-42	9,698.8			
Affected		10100501	Distillate Oil		0.370 3	82.6	1000 Gal	137.00	11,316	24.2	AP-42	1.0			
Affected	033			7,914						6,784.4	0.701	4,828.0	3,053.0	1,696.1	
Affected		10100202	Bituminous Coal		0.518 3	801,394.0	Tons	24.00	19,233,456	21.7	AP-42	6,784.8			
Affected		10100501	Distillate Oil		0.317 3	1,635.2	1000 Gal	136.00	222,387	24.0	AP-42	19.8			

0011 LTV STEEL COMPANY

Affected	031	10200801	Natural Gas	300	0.386 3	351.9	10x6 Cu Ft	1,020.00	358,938	550.7	AP-42	96.9	0.540	58.1	43.6	26.9
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0032 ZINC CORPORATION OF AMERICA

Affected	034			600						1,024.2	0.803	614.5	460.9	256.1		
Affected		10200202	Bituminous Coal		0.489 3	51,114.9	Tons	27.00	1,380,102	21.7	AP-42	554.8	0.804	332.9	249.7	138.7
Affected		10200801	Natural Gas		0.421 3	0.5	10x6 Cu Ft	1,050.00	525	800.0	AP-42	0.2				

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	HACT	Phase II	Phase III
007 Beaver Co - Outer Zone - Moderate														
	0032 ZINC CORPORATION OF AMERICA 035		600							1,024.2	0.803	614.5	460.9	256.1
Affected	10200202	Bituminous Coal	0.360	3	43,218.0 Tons	27.00	1,166,886	21.7 AP-42		469.4	0.803	281.6	211.2	117.4
Affected	10200501	Natural Gas	0.360	3	1.8 10x6 Cu Ft	1,050.00	1,890	555.6 AP-42		468.9	0.5			
0042 AES BEAVER VALLEY PARTNERS, INC.														
	032		459							2,018.0	0.834	1,209.7	907.2	504.0
Affected	10200202	Bituminous Coal	0.418	3	67,026.6 Tons	26.00	1,742,692	21.7 AP-42		727.5	0.833	436.6	327.4	181.9
Affected	10200501	Distillate Oil	0.357	3	30.0 1000 Gal	159.00	4,770	20.0 AP-42		727.2	0.3			
Affected	033		459							597.4	0.835	358.4	268.8	149.3
Affected	10200202	Bituminous Coal	0.350	3	55,029.7 Tons	26.00	1,430,772	21.7 AP-42		597.1	0.3			
Affected	10200501	Distillate Oil	0.357	3	30.0 1000 Gal	19.00	570	20.0 AP-42		691.1	0.835	414.6	311.0	172.8
Affected	034		459							690.8	0.3			
Affected	10200202	Bituminous Coal	0.413	3	63,684.5 Tons	26.00	1,655,277	21.7 AP-42						
Affected	10200501	Distillate Oil	0.357	3	30.0 1000 Gal	19.00	570	20.0 AP-42						
011 Berks Co - Inner Zone - Moderate														
	0045 METROPOLITAN EDISON CO. - TITUS 031		780							1,749.1	0.859	1,190.0	616.6	442.4
Affected	10100212	Bituminous Coal	0.448	3	70,029.7 Tons	26.00	1,820,772	17.0 Sing Stk Rep Cond		595.2	0.649	411.1	208.3	148.8
Affected	10100501	Distillate Oil	0.349	3	114.6 1000 Gal	138.00	15,815	24.4 AP-42		593.8	1.4			
Affected	032		780							554.2	0.679	366.2	194.0	138.6
Affected	10100212	Bituminous Coal	0.397	3	62,266.7 Tons	26.00	1,618,934	17.7 Sing Stk Rep Cond		552.2	0.2			
Affected	10100501	Distillate Oil	0.376	3	95.2 1000 Gal	138.00	13,138	42.0 AP-42		591.9	0.655	405.6	207.2	148.0
Affected	033		780							590.9	1.0			
Affected	10100212	Bituminous Coal	0.437	3	69,167.9 Tons	26.00	1,798,365	17.1 Sing Stk Rep Cond		41.6	0.429	4.0	4.0	4.0
Affected	10100501	Distillate Oil	0.342	3	48.1 1000 Gal	138.00	6,638	AP-42						
Baseline	034		243							4.4				
Baseline	20100101	Distillate Oil	0.747	3	58.5 1000 Gal	138.00	8,073	68.4 Sing Stk Rep Cond		2.0				
Baseline	20100201	Natural Gas	0.468	3	11.5 10x6 Cu Ft	1,038.00	11,937	417.4 Sing Stk Rep Cond		2.4				
Baseline	035		252							3.4	0.426	3.1	3.1	3.1
Baseline	20100101	Distillate Oil	0.741	3	43.5 1000 Gal	139.00	6,047	69.0 Sing Stk Rep Cond		1.5				
Baseline	20100201	Natural Gas	0.391	3	9.1 10x6 Cu Ft	1,037.00	9,437	417.6 Sing Stk Rep Cond		1.9				
013 Blair Co - Outer Zone - Marginal														
	0009 PECO - WILLIAMSBURG 031		388							87.1	0.867	52.3	39.2	21.8
Affected	10100202	Bituminous Coal	0.217	3	7,986.9 Tons	25.00	199,673	21.8 AP-42		87.1	0.868	52.3	39.2	21.8
Affected	10100501	Distillate Oil	0.211	3	8.7 1000 Gal	138.00	1,201	23.0 AP-42		87.0	0.1			
017 Bucks Co - Inner Zone - Severe														
	0006 PHILADELPHIA ELECTRIC CO. - CROYDEN 031		562	0.659 3	305.4 1000 Gal	139.00	42,451	97.7 AP-42		212.9	0.703	127.8	127.8	127.8
Baseline	032	20100101 Distillate Oil	562	0.545 3	189.8 1000 Gal	139.00	28,382	97.7 AP-42		14.9	0.703	9.0	9.0	9.0
Baseline	032	20100101 Distillate Oil	562	0.545 3	189.8 1000 Gal	139.00	28,382	97.7 AP-42		9.3	0.703	5.6	5.6	5.6

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										Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III		
017 Bucks Co - Inner Zone - Severe															
		0006 PHILADELPHIA ELECTRIC CO. - CROYDEN													
Baseline	033	20100101 Distillate Oil	562	0.600 3	1,263.6	1000 Gal	139.00	175,640	97.7 AP-42		212.9	0.703	127.8	127.8	127.8
Baseline	034	20100101 Distillate Oil	562	0.900 3	587.4	1000 Gal	139.00	81,649	97.7 AP-42		61.7	0.703	37.0	37.0	37.0
Baseline	035	20100101 Distillate Oil	562	0.600 3	306.0	1000 Gal	139.00	42,534	97.7 AP-42		28.7	0.703	17.2	17.2	17.2
Baseline	036	20100101 Distillate Oil	562	0.349 3	395.0	1000 Gal	139.00	54,905	97.7 AP-42		14.9	0.703	9.0	9.0	9.0
Baseline	037	20100101 Distillate Oil	562	0.606 3	217.2	1000 Gal	139.00	30,191	97.7 AP-42		19.3	0.703	11.6	11.6	11.6
Baseline	038	20100101 Distillate Oil	562	0.625 3	1,094.2	1000 Gal	139.00	152,094	97.7 AP-42		53.5	0.703	32.1	32.1	32.1
0055 UNITED STATES STEEL CORP., THE															
		043													
Affected		10200401 Residual Oil		0.710 3	241.9	1000 Gal	150.00	38,285	67.0 AP-42		318.0	0.262	248.9	243.2	182.4
Affected		10200601 Natural Gas		0.868 3	482.3	10x6 Cu Ft	500.00	241,150	137.3 Mul Stk Non-1990		84.7	0.260	66.8	65.6	49.2
Affected		10200704 Process Gas		0.820 3	3,781.9	10x6 Cu Ft	100.00	378,190	23.0 AP-42						
		044									43.5				
Affected		10200401 Residual Oil		0.121 3	111.2	1000 Gal	150.00	18,680	66.5 AP-42		20.0	0.263	15.3	14.7	11.1
Affected		10200601 Natural Gas		0.095 3	107.2	10x6 Cu Ft	500.00	53,600	138.1 Mul Stk Non-1990						
Affected		10200704 Process Gas		0.078 3	770.5	10x6 Cu Ft	100.00	77,050	23.1 AP-42		8.9				
		045									98.4	0.261	77.3	75.7	56.8
Affected		10200401 Residual Oil		0.300 3	319.0	1000 Gal	150.00	47,850	67.1 AP-42		10.7				
Affected		10200601 Natural Gas		0.427 3	555.9	10x6 Cu Ft	500.00	277,950	137.1 Mul Stk Non-1990		38.1				
Affected		10200704 Process Gas		0.351 3	4,311.8	10x6 Cu Ft	100.00	431,180	23.0 AP-42		49.6				
		046									114.9	0.265	89.5	87.2	65.4
Affected		10200401 Residual Oil		0.593 3	463.2	1000 Gal	150.00	69,480	66.9 AP-42						
Affected		10200601 Natural Gas		0.557 3	638.1	10x6 Cu Ft	500.00	319,050	137.3 Mul Stk Non-1990		43.8				
Affected		10200704 Process Gas		0.618 3	4,832.8	10x6 Cu Ft	100.00	483,280	23.0 AP-42		55.6				
029 Chester Co - Inner Zone - Severe															
		0023 PHILADELPHIA ELECTRIC CO. - CROMBY													
		031									857.8	0.588	535.7	384.3	264.7
Affected		10100202 Bituminous Coal		0.519 3	61,637.3	Tons	26.00	1,602,570	21.7 AP-42		681.8	0.820	410.0	238.6	170.4
Affected		10100401 Residual Oil		0.486 3	388.0	1000 Gal	150.00	58,200	67.0 AP-42			668.8			
Affected	032	10100404 Residual Oil	1,930	0.572 3	8,380.8	1000 Gal	150.00	1,257,120	42.0 AP-42		13.0		125.7	125.7	94.3
											176.0	0.280			
033 Clearfield Co - Outer Zone - Attainment															
		0021 PECO - SHAWVILLE													
		031									8,037.0	1.029	4,826.6	3,816.7	2,009.3
Affected		10100202 Bituminous Coal		0.470 3	154,698.1	Tons	24.00	3,712,754	29.3 Mul Stk Non-1990		2,271.2	1.215	1,363.6	1,022.0	567.8
Affected		10100501 Distillate Oil		0.260 3	184.1	1000 Gal	137.00	25,222	23.9 Mul Stk Non-1990			2,269.0			
		032									2.2				
Affected		10100202 Bituminous Coal		0.464 3	150,219.3	Tons	24.00	3,605,263	29.2 Mul Stk Non-1990		2,191.7	1.209	1,315.7	986.3	547.9
Affected		10100501 Distillate Oil		0.301 3	139.8	1000 Gal	137.00	19,153	24.3 Mul Stk Non-1990			2,190.0			
		033									1.7				
Affected		10100212 Bituminous Coal		0.424 3	188,253.7	Tons	24.00	4,518,089	20.9 Mul Stk Non-1990		1,971.6	0.865	1,184.4	887.2	492.9
Affected		10100501 Distillate Oil		0.444 3	298.2	1000 Gal	137.00	40,853	24.1 Mul Stk Non-1990			1,968.0			
		034									3.6				
Affected		10100212 Bituminous Coal		0.389 3	152,413.0	Tons	24.00	3,657,912	21.0 Mul Stk Non-1990		1,802.5	0.867	962.9	721.1	400.6
											1,599.0				

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										Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III		
033 Clearfield Co - Outer Zone - Attainment															
	0021 PECO - SHAWVILLE									8,037.0	1.029	4,826.6	3,616.7	2,009.3	
Affected	034	10100501 Distillate Oil	1,750	0.317 3	291.8 1000 Gal	137.00	39,977	24.0 Mul Stk Non-1990	3.5	1,602.5	0.867	962.9	721.1	400.6	
035 Clinton Co - Outer Zone - Attainment															
	0008 INTERNATIONAL PAPER COMPANY									668.4	0.548	401.1	300.8	183.0	
Affected	033	10200204 Bituminous Coal	256	0.383 3	48,828.1 Tons	25.00	1,220,703	13.7 AP-42		334.5	0.548	200.7	150.5	91.6	
Affected	034	10200204 Bituminous Coal	256	0.383 3	48,755.1 Tons	25.00	1,218,878	13.7 AP-42		334.0	0.548	200.4	150.3	91.4	
041 Cumberland Co - Outer Zone - Marginal															
	0045 METROPOLITAN EDISON COMPANY									22.8	0.446	20.4	20.4	20.4	
Baseline	031	20100201 Natural Gas	326	0.417 3	45.0 10x6 Cu Ft	1,037.00	46,665	462.0 AP-42		10.4	0.446	9.3	9.3	9.3	
Baseline	032	20100201 Natural Gas	326	0.417 3	53.5 10x6 Cu Ft	1,037.00	55,480	462.0 AP-42		12.4	0.446	11.1	11.1	11.1	
043 Dauphin Co - Outer Zone - Marginal															
	0013 HARRISBURG STEAM WORKS LTD.									1.5	0.137	1.5	1.5	1.5	
Baseline	033	10100602 Natural Gas	209	0.116 3	21.3 10x6 Cu Ft	1,030.00	21,939	140.8		1.5	0.137	1.5	1.5	1.5	
045 Delaware Co - Inner Zone - Severe															
	0014 PHILADELPHIA ELECTRIC CO. - EDDYSTONE									3,118.5	0.482	2,469.7	1,352.9	1,017.5	
Affected	031	10100212 Bituminous Coal	2,604		0.553 3	207,418.9 Tons	26.00	5,392,891	14.4 AP-42		1,517.1	0.545	1,231.2	557.1	417.8
Affected		10100604 Natural Gas			0.544 3	172.6 10x6 Cu Ft	1,032.00	178,123	274.6 AP-42		1,493.4				
Affected	032	10100212 Bituminous Coal	2,708		0.556 3	136,223.5 Tons	26.00	3,541,811	14.4 AP-42		992.5	0.546	805.7	362.9	272.2
Affected		10100604 Natural Gas			0.580 3	85.1 10x6 Cu Ft	1,028.00	87,483	275.0 AP-42		980.8				
Affected	033	10100404 Residual Oil	3,997		0.575 3	14,337.0 1000 Gal	149.00	2,138,213	42.1 AP-42		303.5	0.282	215.1	215.1	161.5
Affected		10100501 Distillate Oil			0.497 3	125.0 1000 Gal	140.00	17,500	24.0 AP-42		302.0				
Baseline	037	20100101 Distillate Oil	238	0.479 3	67.8 1000 Gal	140.00	9,464	68.0 AP-42		1.5					
Baseline	038	20100101 Distillate Oil	238	0.518 3	54.0 1000 Gal	140.00	7,580	66.7 AP-42		2.3	0.486	1.9	1.9	1.9	
Baseline	039	20100101 Distillate Oil	249	0.585 3	139.3 1000 Gal	140.00	19,502	67.5 AP-42		1.8	0.476	1.5	1.5	1.5	
Baseline	040	20100101 Distillate Oil	249	0.732 3	67.5 1000 Gal	140.00	9,450	68.1 AP-42		4.7	0.482	3.9	3.9	3.9	
Affected	041	10100404 Residual Oil	3,997		0.677 3	13,842.5 1000 Gal	149.00	2,062,533	42.2 AP-42		2.3	0.487	1.9	1.9	1.9
Affected		10100501 Distillate Oil			0.337 3	192.9 1000 Gal	140.00	27,006	23.8 AP-42		294.3	0.282	208.6	208.6	156.7
0016 SCOTT PAPER CO.															
Affected	034	10200601 Natural Gas	277	0.485 3	252.0 10x6 Cu Ft	1,050.00	264,800	550.0 AP-42		69.3	0.517	41.6	26.5	19.8	
Affected	035	10100101 Anthracite Coal	799	0.370 3	98,784.1 Tons	15.00	1,481,762	1.2 Non-1990 Other CEMS		69.3		63.2	63.2	63.2	
Affected										63.2	0.075				

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										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III

045 Delaware Co - Inner Zone - Severe

0016 SCOTT PAPER CO.															
	035		799							132.5	0.142	104.8	89.7	83.0	
Affected		10100601	Natural Gas		0.465	3	116.9	10x6 Cu Ft	1,030.00	120,407	92.4 Non-1990 Other CEMS	63.2	0.075	63.2	
										5.4					
0030 BP OIL, INC.															
	032		350							188.6	0.435	113.2	86.7	65.0	
Affected		10200401	Residual Oil		0.155	3	282.7	1000 Gal	158.00	44,667	58.6 AP-42	60.8	0.365	36.5	
Affected		30800104	Gas		0.318	3	191.5	10x6 Cu Ft	1,500.00	287,250	551.4 AP-42	52.8		33.2	
Affected	033	10200401	Residual Oil		0.453	3	2,117.8	1000 Gal	134.00	283,785	55.3 AP-42	127.8	0.478	76.7	
Affected		10200701	Process Gas		0.446	3	250.8	10x6 Cu Ft	1,003.00	251,552	551.8 AP-42	58.8		53.5	
										69.2					
0049 CONGOLEUM CORP.															
Affected	033	10200601	Natural Gas		300	0.867	3	4.3	10x6 Cu Ft	1,020.00	4,386	558.1 AP-42	1.2	0.547	0.7
													0.4	0.3	

047 Elk Co - Outer Zone - Attainment

0005 PENNTECH PAPERS, INC.														
	040		250							487.2	0.830	292.3	219.3	121.8
Affected		10200202	Bituminous Coal		0.369	3	21,771.2	Tons	26.00	566,051	21.7 AP-42	237.1	0.829	142.3
Affected		10200401	Residual Oil		0.251	3	32.7	1000 Gal	151.00	4,938	55.0 AP-42	0.9		106.7
Affected	041	10200202	Bituminous Coal		0.369	3	22,932.8	Tons	26.00	596,253	21.7 AP-42	250.1	0.830	150.1
Affected		10200401	Residual Oil		0.471	3	47.8	1000 Gal	151.00	7,218	54.4 AP-42	248.8		112.6
										1.3				

049 Erie Co - Outer Zone - Marginal

0004 INTERNATIONAL PAPER CO.														
Affected	037	10200204	Bituminous Coal		278	0.374	3	13,414.9	Tons	24.00	321,958	14.0 AP-42	186.4	0.570
Affected	040	10200601	Natural Gas		675	0.417	3	262.3	10x6 Cu Ft	1,000.00	262,300	552.8 AP-42	93.9	0.583

0009 GENERAL ELECTRIC CO.														
Affected	032	10200203	Bituminous Coal		416	0.311	3	23,487.2	Tons	25.00	587,180	25.3 Non-1990 Other CEMS	417.7	0.898
Affected	035	10200204	Bituminous Coal		260	0.286	3	13,818.3	Tons	25.00	345,408	17.5 Non-1990 Other CEMS	296.7	1.011

0016 PECO - FRONT STREET														
Baseline	031	10100202	Bituminous Coal		226	0.703	3	1,623.5	Tons	24.00	38,964	22.2 AP-42	628.0	0.585
Baseline	032	10100202	Bituminous Coal		226	0.703	3	1,661.7	Tons	24.00	39,881	21.7 AP-42	18.0	0.924
Affected	033	10100212	Bituminous Coal		587	0.416	3	41,335.5	Tons	25.00	1,033,388	14.3 AP-42	18.0	0.903
Affected	034	10100212	Bituminous Coal		587	0.416	3	41,341.1	Tons	25.00	1,033,528	14.3 AP-42	121.0	0.701

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										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III	
059 Greene Co - Outer Zone - Attainment															
	0006 WEST PENN POWER CO. - HATFIELD'S FERRY									19,955.0	1.041	11,973.0	8,979.8	4,988.8	
Affected	031	10100202 Bituminous Coal	5,034		0.432 1	569,960.0 Tons	27.20	15,502,912	28.2	Non-1990 Other CEMS	8,049.8	1.042	4,829.9	3,622.4	2,012.5
Affected		10100501 Distillate Oil			0.417 3	0.0 1000 Gal	141.00	0	0.0	Non-1990 Other CEMS	8,049.0				
Affected	032	10100202 Bituminous Coal	5,034		0.378 1	528,544.0 Tons	27.30	14,429,251	28.5	Non-1990 Other CEMS	7,520.4	1.041	4,512.2	3,384.2	1,880.1
Affected		10100501 Distillate Oil			0.417 3	0.0 1000 Gal	141.00	0	0.0	Non-1990 Other CEMS	7,520.0				
Affected	033	10100202 Bituminous Coal	5,034		0.296 1	308,289.0 Tons	27.30	8,416,290	28.4	Non-1990 Other CEMS	4,384.8	1.040	2,630.9	1,973.2	1,096.2
Affected		10100501 Distillate Oil			0.417 3	0.0 1000 Gal	141.00	0	0.0	Non-1990 Other CEMS	4,384.0				
063 Indiana Co - Outer Zone - Attainment															
	0001 PECO - CONEMAUGH									17,385.6	0.760	10,415.6	7,810.0	4,338.0	
Affected	031	10100212 Bituminous Coal	7,800		0.420 3	802,905.6 Tons	25.00	20,072,640	19.0	Non-1990 Other CEMS	7,840.2	0.759	4,585.8	3,438.1	1,910.1
Affected		10100501 Distillate Oil			0.547 3	417.6 1000 Gal	139.00	58,046	20.1	Non-1990 Other CEMS	7,636.0				
Affected	032	10100212 Bituminous Coal	7,800		0.423 3	1,020,947.0 Tons	25.00	25,523,675	19.0	Non-1990 Other CEMS	9,715.4	0.761	5,829.8	4,371.9	2,428.9
Affected		10100501 Distillate Oil			0.365 3	139.2 1000 Gal	139.00	19,349	20.1	Non-1990 Other CEMS	9,714.0				
0002 PECO - SEWARD															
Affected	032	10100202 Bituminous Coal	374		0.387 3	34,355.7 Tons	24.00	824,537	19.5	Non-1990 Other CEMS	2,227.8	0.768	1,343.3	1,002.5	557.0
Affected		10100501 Distillate Oil			0.427 3	180.8 1000 Gal	137.00	24,770	19.9	Non-1990 Other CEMS	336.8	0.795	207.9	151.6	84.2
Affected	033	10100202 Bituminous Coal	374		0.415 3	33,243.0 Tons	24.00	797,832	20.2	Non-1990 Other CEMS	335.0				
Affected		10100501 Distillate Oil			0.468 3	81.6 1000 Gal	137.00	11,179	24.5	Non-1990 Other CEMS	336.0	0.829	202.0	151.2	84.0
Affected	931	10100212 Bituminous Coal	1,243		0.441 3	172,558.8 Tons	24.00	4,141,411	18.0	Non-1990 Other CEMS	1,555.0	0.748	933.4	699.8	388.8
Affected		10100501 Distillate Oil			0.540 3	101.2 1000 Gal	137.00	13,864	19.8	Non-1990 Other CEMS	1,554.0				
0003 PECO - HOMER CITY															
Affected	031	10100202 Bituminous Coal	6,120		0.321 3	451,780.1 Tons	25.00	11,294,503	30.1	Non-1990 Other CEMS	22,815.2	0.938	15,091.9	10,266.8	5,703.8
Affected		10100501 Distillate Oil			0.122 3	221.4 1000 Gal	139.00	30,775	19.9	Non-1990 Other CEMS	6,793.2	1.201	4,076.8	3,056.9	1,698.3
Affected	032	10100202 Bituminous Coal	6,120		0.391 3	614,170.3 Tons	25.00	15,354,258	30.1	Non-1990 Other CEMS	6,791.0				
Affected		10100501 Distillate Oil			0.486 3	201.1 1000 Gal	139.00	27,953	19.9	Non-1990 Other CEMS	9,235.0	1.201	5,541.8	4,155.8	2,308.8
Affected	033	10100202 Bituminous Coal	6,208		0.446 3	809,969.9 Tons	27.00	21,869,187	16.7	Non-1990 Other CEMS	6,787.0	0.619	5,473.3	3,054.2	1,696.8
Affected		10100501 Distillate Oil			0.211 3	597.2 1000 Gal	137.00	81,816	20.1	Non-1990 Other CEMS	6,781.0				
069 Lackawanna Co - Outer Zone - Marginal															
	0022 ARCHBALD POWER CORPORATION									25.3	0.245	25.3	25.3	25.3	
Baseline	031	10100101 Anthracite Coal	249	0.338 3	20,689.8 Tons		10.00	206,898	2.4	State Factor	25.3	0.245	25.3	25.3	25.3

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	HACT	Phase II	Phase III
071 Lancaster Co - Outer Zone - Marginal														
	0054 PP&L - HOLTWOOD									1,870.3	1.053	1,122.3	841.6	467.6
Affected	934	10100101 Anthracite Coal	966	0.417 3	132,324.9 Tons	22.00	2,911,148	23.2 Non-1990 5 Mo. CEMS		1,870.3	1.053	1,122.3	841.6	467.6
Affected		10100501 Distillate Oil		0.556 3	19.5 1000 Gal	139.00	2,711	20.5 Non-1990 5 Mo. CEMS		1,533.3	0.2			
Affected		10100801 Coke		0.424 3	29,066.3 Tons	22.00	639,459	23.2 Non-1990 5 Mo. CEMS		336.8				
073 Lawrence Co - Outer Zone - Attainment														
	0025 PENN POWER CO. - NEW CASTLE									3,132.6	0.905	1,879.6	1,409.7	783.2
Affected	031	10100202 Bituminous Coal	495	0.417 3	23,083.1 Tons	24.00	553,994	21.8 AP-42		251.1	0.907	150.7	113.0	62.8
Affected	032	10100202 Bituminous Coal	640	0.417 3	20,773.3 Tons	24.00	498,559	21.8 AP-42		226.2	0.907	135.7	101.8	56.6
Affected	033	10100202 Bituminous Coal	1,029	0.417 3	39,470.5 Tons	24.00	947,292	21.7 AP-42		429.0	0.906	257.4	193.1	107.3
Affected	034	10100202 Bituminous Coal	1,029	0.417 3	72,416.5 Tons	24.00	1,737,996	21.7 AP-42		787.1	0.906	472.3	354.2	196.8
Affected	035	10100202 Bituminous Coal	1,325	0.417 3	132,628.8 Tons	24.00	3,183,091	21.7 AP-42		1,439.2	0.904	863.5	647.6	359.8
079 Luzerne Co - Outer Zone - Marginal														
	0014 UGI CORP. - HUNLOCK POWER									862.6	0.947	517.6	388.2	215.7
Affected	031	10100101 Anthracite Coal	553	0.416 3	95,848.8 Tons	19.00	1,821,127	18.0 AP-42		862.6	0.947	517.6	388.2	215.7
089 Monroe Co - Outer Zone - Marginal														
	SHAW MET EDISON SHAWNEE									4.5	0.589	3.1	3.1	3.1
Baseline	031	20100101 Distillate Oil	150	0.588 1	110.3 1000 Gal	139.00	15,285	81.6 Sing Stk Rep Cond		4.5	0.588	3.1	3.1	3.1
093 Montour Co - Outer Zone - Attainment														
	0003 PP&L - MONTOUR									19,219.2	0.889	11,535.4	8,652.3	4,809.0
Affected	031	10100212 Bituminous Coal	7,317							7,222.9	0.774	4,334.7	3,250.3	1,805.7
Affected		10100501 Distillate Oil		0.385 3	690,467.6 Tons	27.00	18,642,625	20.9 Non-1990 Other CEMS		7,220.6				
Affected				0.407 3	193.2 1000 Gal	140.00	27,048	23.8 Non-1990 Other CEMS		2.3				
032					7,239					11,989.6	0.979	7,194.0	5,395.3	2,997.4
Affected		10100212 Bituminous Coal		0.415 3	906,746.8 Tons	27.00	24,482,184	26.4 Mul Stk Non-1990		11,989.0				
Affected		10100501 Distillate Oil		0.200 3	49.2 1000 Gal	140.00	6,888	24.4 Mul Stk Non-1990		0.6				
Affected	033	10100501 Distillate Oil	269	0.488 3	317.4 1000 Gal	140.00	44,436	23.9 AP-42		3.8	0.171	3.8	3.8	3.3
Affected	034	10100501 Distillate Oil	269	0.358 3	243.4 1000 Gal	140.00	34,076	23.8 AP-42		2.9	0.170	2.9	2.9	2.6
095 Northampton Co - Outer Zone - Marginal														
	0010 PP&L - MARTINS CREEK									5,843.5	0.884	3,517.5	2,633.9	1,595.6
Affected	031	10100201 Bituminous Coal	1,815							1,684.6	1.192	1,012.0	758.1	421.2
Affected		10100501 Distillate Oil		0.277 3	103,386.7 Tons	27.00	2,790,901	32.5 Mul Stk Non-1990		1,681.6				
Affected				0.458 3	248.6 1000 Gal	140.00	34,804	24.1 Mul Stk Non-1990		3.0				
032					1,815					1,417.7	0.913	851.3	638.0	354.4
Affected		10100201 Bituminous Coal		0.385 3	114,187.4 Tons	27.00	3,083,060	24.8 Mul Stk Non-1990		1,416.0				
Affected		10100501 Distillate Oil		0.375 3	142.9 1000 Gal	139.00	19,883	23.8 Mul Stk Non-1990		1.7				

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Plant Affected Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbe/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)			
									Five Month	Emission Rate lbe/10x6 Btu)	RACT	Phase II	Phase III	
095 Northampton Co - Outer Zone - Marginal														
0010	PP&L - MARTINS CREEK													
033		7,721												
Affected	10100404 Residual Oil		0.697 3	37,646.6 1000 Gal	150.00	5,646,990	76.6 Mul Stk Non-1990		5,843.5	0.664	3,517.5	2,633.9	1,595.6	
Affected	10100501 Distillate Oil		0.662 3	356.9 1000 Gal	140.00	49,968	24.1 Mul Stk Non-1990		1,445.8	0.504	869.2	650.6	427.3	
034		7,721												
Affected	10100404 Residual Oil		0.627 3	33,308.7 1000 Gal	150.00	4,996,305	76.6 Mul Stk Non-1990		1,287.6	0.504	777.2	579.4	384.9	
Affected	10100501 Distillate Oil		0.548 3	973.2 1000 Gal	140.00	136,248	24.0 Mul Stk Non-1990		1,275.9					
Baseline	035	10100501 Distillate Oil	243	0.370 3	32.8 1000 Gal	140.00	4,592	24.4 AP-42		0.4	0.174	0.4	0.4	
Affected	036	10100501 Distillate Oil	323	0.145 3	17.1 1000 Gal	140.00	2,394	23.4 AP-42		0.2	0.167	0.2	0.2	
Affected	037	10100501 Distillate Oil	350	0.654 3	1,476.0 1000 Gal	140.00	206,640	2.4 AP-42		1.8	0.017	1.8	1.8	
Affected	038	10100501 Distillate Oil	350	0.654 3	1,476.0 1000 Gal	140.00	206,640	2.4 AP-42		1.8	0.017	1.8	1.8	
Affected	039	10100501 Distillate Oil	350	0.654 3	1,476.0 1000 Gal	140.00	206,640	2.4 AP-42		1.8	0.017	1.8	1.8	
Affected	040	10100501 Distillate Oil	360	0.654 3	1,476.0 1000 Gal	140.00	206,640	2.4 AP-42		1.8	0.017	1.8	1.8	
0011	MET EDISON CO. - PORTLAND													
031		1,477												
Affected	10100212 Bituminous Coal		0.502 3	136,718.5 Tons	26.00	3,554,681	15.6 Sing Stk Rep Cond		2,801.2	0.633	1,835.4	1,170.5	653.8	
Affected	10100501 Distillate Oil		0.354 3	282.1 1000 Gal	138.00	38,930	24.1 AP-42		1,066.5	0.594	803.2	479.9	269.5	
032		2,113												
Affected	10100212 Bituminous Coal		0.410 3	174,418.0 Tons	26.00	4,534,668	17.4 Sing Stk Rep Cond		1,521.2	0.667	1,024.1	684.5	390.3	
Affected	10100501 Distillate Oil		0.462 3	314.7 1000 Gal	138.00	43,429	24.2 AP-42		3.8					
033		305												
Affected	10100601 Natural Gas		0.312 3	9.5 10x6 Cu Ft	1,031.00	9,795	547.4 AP-42		2.6	0.518	1.6	1.2	0.7	
034		344								10.9	0.628	6.5	4.9	
Affected	10100601 Natural Gas		0.527 3	39.7 10x6 Cu Ft	1,031.00	40,931	549.1 AP-42		10.9				3.1	
0048	BETHLEHEM STEEL CORP.													
041		0												
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		378.7	0.000	287.1	287.1	242.1
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		144.9	0.231	110.6	110.6	95.2
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		29.2				
042		0												
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		57.8				
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		57.9				
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		150.4	0.254	112.2	112.2	92.4
067		0												
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		23.2				
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		69.9				
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		37.3				
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		83.4	0.227	64.3	64.3	54.5
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		4.8				
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		52.0				
Affected	Conf.		0.000 0	0.0		0.00	0	0.0		26.6				
097 Northumberland Co - Outer Zone - Attainment														
0031	FOSTER WHEELER MT. CARMEL													
031	10101001 Butane	624	0.333 3	83,434.1 Tons	7.00	584,039	0.7 Non-1990 Other CEMS		27.6	0.095	27.6	27.6	27.6	

097 Northumberland Co - Outer Zone - Attainment

Affected	031	10101001 Butane	624	0.333 3	83,434.1 Tons	7.00	584,039	0.7 Non-1990 Other CEMS	27.6	0.095	27.6	27.6	27.6
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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fec/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III

101 Philadelphia Co - Inner Zone - Severe**1501 SUN REFINING AND MARKETING 1 OF 2**

	006	10200601 Natural Gas	376							540.0	0.427	324.0	253.0	189.7
Affected		10200601 Natural Gas		0.417 3	369.2	10x6 Cu Ft	1,183.00	436,724	550.7	115.2	0.449	69.1	51.3	38.5
Affected		30600103 Oil		0.417 3	493.8	1000 Gal	155.00	78,531	55.0	101.7				
	007	10200601 Natural Gas		310						13.8				
Affected		10200601 Natural Gas		0.417 3	572.9	10x6 Cu Ft	1,183.00	877,760	549.8	185.9	0.444	111.5	83.8	62.8
Affected		30600103 Oil		0.417 3	1,032.5	1000 Gal	155.00	160,038	55.0	157.5				
	038	10200601 Natural Gas		260						28.4				
Affected		10200601 Natural Gas		0.417 3	228.8	10x6 Cu Ft	1,183.00	270,611	550.0	119.5	0.405	71.7	58.9	44.2
Affected		30600103 Oil		0.417 3	2,055.8	1000 Gal	155.00	318,654	55.0	62.9				
	039	10200601 Natural Gas		260						58.5				
Affected		10200601 Natural Gas		0.417 3	228.8	10x6 Cu Ft	1,183.00	270,611	550.0	119.5	0.405	71.7	58.9	44.2
Affected		30600103 Oil		0.417 3	2,055.8	1000 Gal	155.00	318,654	55.0	62.9				

1551 ALLIED CHEMICAL CORP

	050	10200401 Residual Oil	294							189.1	0.484	113.5	79.4	59.0
Affected		10200401 Residual Oil		0.417 3	351.7	1000 Gal	150.00	52,750	55.0	20.0	0.443	12.0	9.0	6.8
Affected		10200601 Natural Gas		0.417 3	37.5	10x6 Cu Ft	1,000.00	37,500	550.0	9.7				
	051	10200401 Residual Oil		294						10.3				
Affected		10200401 Residual Oil		0.417 3	71.3	1000 Gal	150.00	10,688	55.0	39.4	0.627	23.7	13.8	9.9
Affected		10200601 Natural Gas		0.417 3	138.3	10x6 Cu Ft	845.00	115,131	549.8	37.5				
	052	10200401 Residual Oil		379						129.7	0.459	77.8	56.5	42.4
Affected		10200401 Residual Oil		0.417 3	1,875.4	1000 Gal	150.00	281,313	55.0	51.8				
Affected		10200601 Natural Gas		0.417 3	284.2	10x6 Cu Ft	1,000.00	284,167	549.9	78.1				

1566 CONTAINER CORP OF AMER

	001	10200202 Bituminous Coal	273							210.7	0.097	208.0	208.0	208.0
Affected		10200401 Residual Oil		0.390 3	18,564.0	Tons	227.00	4,214,028	21.0	194.9				
Affected		10200401 Residual Oil		0.390 3	574.5	1000 Gal	227.00	130,405	55.0	15.8				

4901 PECO ENERGY - DELAWARE

	013	10100401 Residual Oil	1,267							456.1	0.450	304.0	207.0	157.4
Affected		10100401 Residual Oil		0.457 1	5,981.0	1000 Gal	151.00	903,131	68.0 AP-42	204.5	0.446	136.7	91.8	68.9
Affected		10100501 Distillate Oil		0.563 3	108.5	1000 Gal	140.00	14,908	24.0	1.3				
	014	10100401 Residual Oil		1,264						237.3	0.446	158.7	106.6	80.0
Affected		10100401 Residual Oil		0.429 1	6,989.0	1000 Gal	150.00	1,048,350	67.5 AP-42	235.9				
Affected		10100501 Distillate Oil		0.523 3	118.3	1000 Gal	150.00	17,741	24.0	1.4				
Baseline	015	20100101 Distillate Oil	273	0.526 1	51.0	1000 Gal	139.00	7,089	93.1 Sing Stk Rep Cond	2.4	0.670	1.4	1.4	1.4
Baseline	016	20100101 Distillate Oil	273	0.523 1	68.0	1000 Gal	139.00	9,452	93.1 Sing Stk Rep Cond	3.2	0.670	1.9	1.9	1.9
Baseline	017	20100101 Distillate Oil	273	0.600 1	81.0	1000 Gal	139.00	11,259	93.1 Sing Stk Rep Cond	3.8	0.670	2.3	2.3	2.3
Baseline	018	20100101 Distillate Oil	297	0.581 1	108.0	1000 Gal	139.00	15,012	93.1 Sing Stk Rep Cond	5.0	0.670	3.0	3.0	3.0

4902 PHILA THERMAL - SANSOM

Affected	001	10100401 Residual Oil	281	0.380 3	2,123.1	1000 Gal	150.00	318,459	67.0	71.1	0.447	47.8	31.8	23.9
Affected	002	10100401 Residual Oil	281	0.410 3	1,871.7	1000 Gal	150.00	280,748	67.0	62.7	0.447	42.1	28.1	21.1
Affected	003	10100401 Residual Oil	337	0.553 3	845.5	1000 Gal	150.00	126,824	67.0	28.3	0.447	19.0	12.7	9.5

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III	
101 Philadelphia Co - Inner Zone - Severe														
4902	PHILA THERMAL - SANSOM									196.8	0.447	132.2	88.1	66.1
Affected	004	10100401 Residual Oil	337	0.617 3	1,034.2 1000 Gal	150.00	155,123	67.0		34.6	0.447	23.3	15.5	11.6
4903	PHILA ELECTRIC CO									82.2	0.600	54.8	54.8	54.8
Baseline	037	20100101 Distillate Oil	743	0.495 1	845.0 1000 Gal	139.00	117,455	83.4 Sing Stk Rep Cond		35.2	0.600	23.5	23.5	23.5
Baseline	038	20100101 Distillate Oil	743	0.507 1	1,125.0 1000 Gal	139.00	156,375	83.4 Sing Stk Rep Cond		46.9	0.600	31.3	31.3	31.3
4904	PECO ENERGY - SCHUYLKILL									207.7	0.282	148.1	148.1	111.8
Affected	003	10100404 Residual Oil	1,523	0.377 1	9,744.0 1000 Gal	149.00	1,451,856	41.7 AP-42		204.0	0.280	145.9	145.9	109.5
Affected		10100501 Distillate Oil		0.447 3	57.6 1000 Gal	140.00	8,067	24.0			0.7			
Baseline	007	20100101 Distillate Oil	217	0.510 1	66.8 1000 Gal	139.00	9,285	93.1 Sing Stk Rep Cond		3.1	0.670	1.9	1.9	1.9
Baseline	008	20100101 Distillate Oil	240	0.159 1	14.0 1000 Gal	139.00	1,946	93.1 Sing Stk Rep Cond		0.7	0.670	0.4	0.4	0.4
4942	PHILA THERMAL - SCHUYLKILL									158.9	0.322	111.2	98.7	74.1
Affected	001	10100404 Residual Oil	775	0.270 3	3,407.9 1000 Gal	150.00	511,191	42.0		71.6	0.280	51.1	51.1	38.3
Affected	002	10100404 Residual Oil	775	0.147 3	1,521.1 1000 Gal	150.00	228,162	42.0		31.9	0.280	22.8	22.8	17.1
Affected	005	10100401 Residual Oil	751	0.147 3	1,654.3 1000 Gal	150.00	248,138	67.0		55.4	0.447	37.2	24.8	18.6
9702	U.S. NAVAL BASE									1.2	0.143	1.2	1.2	1.2
Affected	098	10200501 Distillate Oil	384	0.330 3	102.1 1000 Gal	140.00	14,294	20.0		1.0	0.143	1.0	1.0	1.0
Affected	099	10200501 Distillate Oil	317	0.667 3	14.0 1000 Gal	140.00	1,960	20.0		0.1	0.143	0.1	0.1	0.1
107 Schuylkill Co - Outer Zone - Attainment														
0022	WHEELABRATOR FRACKVILLE ENERGY COMPANY									108.8	0.136	108.8	108.8	108.8
Affected	031	10100101 Anthracite Coal	504	0.376 3	178,122.2 Tons	9.00	1,603,100	1.2 1990 Other CEMS		108.8	0.136	108.8	108.8	108.8
0023	WESTWOOD ENERGY PROPERTIES, INCORPORAT									1,447.9	2.250	868.7	851.6	362.0
Affected	031	10100101 Anthracite Coal	423	0.415 3	160,879.0 Tons	8.00	1,287,032	18.0 AP-42		1,447.9	2.250	868.7	851.6	362.0
0024	SCHUYLKILL ENERGY RESOURCES, INC.									175.9	0.121	175.9	175.9	175.9
Affected	031	10100101 Anthracite Coal	1,184	0.565 3	416,106.4 Tons	7.00	2,912,745	0.8 1990 Other CEMS		175.9	0.121	175.9	175.9	175.9
0025	GILBERTON POWER COMPANY									187.8	0.130	187.8	187.8	187.8
Affected	031	10100101 Anthracite Coal	520	0.406 3	95,936.2 Tons	15.00	1,439,043	2.0 1990 Other CEMS		93.8	0.134	93.8	93.8	93.8
Affected	032	10100101 Anthracite Coal	520	0.406 3	95,936.2 Tons	15.00	1,439,043	2.0 1990 Other CEMS		93.8	0.134	93.8	93.8	93.8

Final OTC NOx Baseline Inventory

Pennsylvania

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III
Affected	031	0002 PP&L - SUNBURY	525							6,222.0	0.852	3,774.4	2,803.3	1,560.8
Affected		10100101 Anthracite Coal		0.423 3	8,494.9 Tons	24.00	203,878	20.4	Non-1990 5 Mo. CEMS	714.7	0.851	428.9	321.6	178.7
Affected		10100202 Bituminous Coal		0.423 3	6,108.7 Tons	26.00	158,826	23.4	Non-1990 5 Mo. CEMS					
Affected		10100501 Distillate Oil		0.399 3	18.0 1000 Gal	139.00	2,502	22.2	Non-1990 5 Mo. CEMS					
Affected		10100801 Coke		0.414 3	14,264.7 Tons	30.00	427,941	27.1	Non-1990 5 Mo. CEMS					
Affected		10200101 Anthracite Coal		0.454 3	46,640.5 Tons	19.00	886,170	15.6	Non-1990 5 Mo. CEMS					
Affected	032		525											
Affected		10100101 Anthracite Coal		0.423 3	8,494.9 Tons	24.00	203,878	20.4	Non-1990 5 Mo. CEMS	714.7	0.851	428.9	321.6	178.7
Affected		10100202 Bituminous Coal		0.423 3	6,108.7 Tons	26.00	158,826	23.4	Non-1990 5 Mo. CEMS					
Affected		10100501 Distillate Oil		0.399 3	18.0 1000 Gal	139.00	2,502	22.2	Non-1990 5 Mo. CEMS					
Affected		10100801 Coke		0.414 3	14,264.7 Tons	30.00	427,941	27.1	Non-1990 5 Mo. CEMS					
Affected		10200101 Anthracite Coal		0.454 3	46,640.5 Tons	19.00	886,170	15.6	Non-1990 5 Mo. CEMS					
Affected	033		525							604.7	0.720	382.2	272.1	151.2
Affected		10100101 Anthracite Coal		0.423 3	8,487.7 Tons	24.00	203,705	17.3	Mul Stk Non-1990					
Affected		10100202 Bituminous Coal		0.423 3	6,108.6 Tons	26.00	158,824	19.8	Mul Stk Non-1990					
Affected		10100501 Distillate Oil		0.399 3	18.0 1000 Gal	139.00	2,502	22.2	Mul Stk Non-1990					
Affected		10100801 Coke		0.414 3	14,266.5 Tons	30.00	427,995	22.9	Mul Stk Non-1990					
Affected		10200101 Anthracite Coal		0.454 3	46,640.6 Tons	19.00	886,171	13.2	Mul Stk Non-1990					
Affected	034		525							604.7	0.720	382.2	272.1	151.2
Affected		10100101 Anthracite Coal		0.423 3	8,487.7 Tons	24.00	203,705	17.3	Mul Stk Non-1990					
Affected		10100202 Bituminous Coal		0.423 3	6,108.6 Tons	26.00	158,824	19.8	Mul Stk Non-1990					
Affected		10100501 Distillate Oil		0.399 3	18.0 1000 Gal	139.00	2,502	22.2	Mul Stk Non-1990					
Affected		10100801 Coke		0.414 3	14,266.5 Tons	30.00	427,995	22.9	Mul Stk Non-1990					
Affected		10200101 Anthracite Coal		0.454 3	46,640.6 Tons	19.00	886,171	13.2	Mul Stk Non-1990					
Affected	035		1,100							1,564.1	0.883	938.5	703.8	391.0
Affected		10100202 Bituminous Coal		0.466 3	136,129.0 Tons	26.00	3,539,354	23.0	Mul Stk Non-1990					
Affected		10100501 Distillate Oil		0.343 3	21.2 1000 Gal	139.00	2,947	18.9	Mul Stk Non-1990					
Affected	036		1,360							2,009.4	0.931	1,206.0	904.2	502.4
Affected		10100202 Bituminous Coal		0.527 3	159,377.6 Tons	27.00	4,303,195	25.2	Non-1990 5 Mo. CEMS					
Affected		10100501 Distillate Oil		0.351 3	66.5 1000 Gal	139.00	9,244	24.1	Non-1990 5 Mo. CEMS					
Baseline	037	20100102 Distillate Oil	308	0.447 3	5.1 1000 Gal	139.00	709	470.6	AP-42			3.385	0.9	0.9
Baseline	038	20100102 Distillate Oil	308	0.489 3	5.8 1000 Gal	139.00	806	448.3	AP-42			3.226	1.0	1.0
Baseline	039	20100101 Distillate Oil	347	0.766 3	104.9 1000 Gal	139.00	14,581	68.6	AP-42			3.6	0.494	2.9
Baseline	040	20100101 Distillate Oil	347	0.766 3	104.9 1000 Gal	139.00	14,581	68.6	AP-42			3.6	0.494	2.9
Affected	123 Warren Co - Outer Zone - Attainment													
Affected	031	0004 PECO - WARREN	256							707.4	0.819	570.4	318.3	176.9
Affected		10100202 Bituminous Coal		0.412 3	22,750.4 Tons	25.00	568,760	15.4	Non-1990 Other CEMS					
Affected		10100501 Distillate Oil		0.417 3	7.5 1000 Gal	142.00	1,065	26.7						
Affected	032		256							175.1	0.615	142.3	78.8	43.8
Affected		10100202 Bituminous Coal		0.416 3	22,724.9 Tons	24.00	545,398	15.4	Non-1990 Other CEMS					
Affected		10100501 Distillate Oil		0.417 3	8.0 1000 Gal	142.00	1,136	25.0						
Affected	033		256							175.1	0.641	136.5	78.8	43.8
Affected		10100202 Bituminous Coal		0.425 3	22,832.0 Tons	25.00	570,800	15.3	Non-1990 Other CEMS					
Affected		10100501 Distillate Oil		0.417 3	8.5 1000 Gal	142.00	1,207	23.5						

Affected Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline Emission Rate		Target (Point Level)			
									Five Month	(lbs/10x6 Btu)	RACT Phase II	Phase III		
123 Warren Co - Outer Zone - Attainment														
0004 PECO - WARREN 034		256							707.4 182.1	0.619 0.611	570.4 148.9	318.3 81.9	176.9 45.5	
Affected	10100202 Bituminous Coal	0.436	3	23,806.8 Tons	25.00	595,170	15.3 Non-1990 Other CEMS		182.0					
Affected	10100501 Distillate Oil	0.417	3	8.5 1000 Gal	142.00	1,207	23.5		0.1					
125 Washington Co - Outer Zone - Moderate														
0014 WEST PENN POWER CO. - MITCHELL 034		2,546							2,157.2 2,157.2	0.723 0.724	1,492.8 1,492.8	970.7 970.7	539.3 539.3	
Affected	10100202 Bituminous Coal	0.368	1	229,557.0 Tons	28.00	5,968,482	18.8 Non-1990 Other CEMS		2,156.0					
Affected	10100604 Natural Gas	0.397	3	0.0 10x6 Cu Ft	1,050.00	0	0.0 Non-1990 Other CEMS		1.2					
0024 DUQUESNE LIGHT CO. - ELRAMA														
031		1,090							3,138.2 484.1	0.882 0.867	1,882.9 290.5	1,412.2 217.8	784.5 121.0	
Affected	10100202 Bituminous Coal	0.315	3	44,861.5 Tons	25.00	1,116,538	21.7 AP-42		484.1					
032	10100202 Bituminous Coal	1,146							501.3	0.875	300.8	225.6	125.3	
Affected	10100202 Bituminous Coal	0.338	3	46,200.0 Tons	25.00	1,114,175	21.7 AP-42		501.3					
033	10100202 Bituminous Coal	1,158							647.9	0.870	388.7	291.6	162.0	
Affected	10100202 Bituminous Coal	0.348	3	59,824.6 Tons	25.00	1,490,615	21.7 AP-42		647.9					
034	10100202 Bituminous Coal	1,790							1,504.9	0.886	902.9	677.2	376.2	
Affected	10100202 Bituminous Coal	0.462	3	138,700.0 Tons	24.50	3,398,150	21.7 AP-42		1,504.9					
129 Westmoreland Co - Outer Zone - Moderate														
0007 MONESSEN INC. 031	10200707 Process Gas	930	0.419	3	1,092.9 10x6 Cu Ft	538.00	587,980	80.0 AP-42		43.7 43.7	0.149 0.149	43.7	43.7	43.7
131 Wyoming Co - Outer Zone - Marginal														
0009 PROCTER & GAMBLE PAPER PRODUCTS CO. 035	20200203 Natural Gas	575	0.395	3	1,654.8 10x6 Cu Ft	1,000.00	1,654,800	683.6 Non-1990 Other CEMS		565.6 565.6	0.684 0.684	339.5 339.5	254.5 254.5	141.4 141.4
133 York Co - Outer Zone - Marginal														
0016 GLATFELTER, P. H. CO. 031		370								881.8 56.2	0.471 0.166	570.3 54.5	481.4 54.5	318.1 49.8
Affected	10200401 Residual Oil	0.462	3	62.3 1000 Gal	150.00	9,345	54.6 AP-42		1.7					
Affected	30700104 Other	0.404	3	59,480.5 Tons	11.00	654,286	1.8 AP-42		53.5					
034	10200202 Bituminous Coal	0.415	3	36,039.8 Tons	27.00	973,075	21.7 AP-42		392.1	0.801	235.3	176.5	98.0	
Affected	10200401 Residual Oil	0.477	3	39.4 1000 Gal	150.00	5,910	55.8 AP-42		1.1					
035	10200202 Bituminous Coal	257							200.3	0.802	120.2	90.2	50.1	
Affected	10200401 Residual Oil	0.343	3	18,409.3 Tons	27.00	497,051	21.7 AP-42		199.7					
Affected	10200202 Bituminous Coal	0.527	3	21.5 1000 Gal	150.00	3,225	55.8 AP-42		0.6					
036	10200219 Bituminous Coal	507							233.9	0.292	160.3	160.3	120.2	
Affected	10200219 Bituminous Coal	0.450	3	59,290.0 Tons	27.00	1,600,830	7.9 AP-42		233.6					

Detail Report - Five Month Data
Point-Segment Level Data

Final OTC NOx Baseline Inventory
Pennsylvania

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Affected Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
									Five Month	Emission Rate (lbs/10x6 Btu)	RACT Phase II	Phase III	

133 York Co - Outer Zone - Marginal

0016 GLATFELTER, P. H. CO.													
	036	507							881.6	0.471	570.3	481.4	318.1
Affected	10200405	Residual Oil	0.148	3	13.4	1000 Gal	150.00	2,010	44.8	AP-42	233.9	0.292	160.3
									0.3				
0020 PP&L - BRUNNER ISLAND													
	032	3,726							13,148.9	0.665	8,875.1	5,917.0	3,287.2
Affected	10100212	Bituminous Coal	0.376	3	378,098.3	Tons	27.00	10,208,654	17.0	Mul Stk Non-1990	3,219.7	0.628	2,301.4
Affected	10100501	Distillate Oil	0.411	3	373.6	1000 Gal	138.00	51,557	24.1	Mul Stk Non-1990	3,215.2		1,448.9
											4.5		
Affected	10100212	Bituminous Coal	0.402	3	332,996.5	Tons	27.00	8,990,906	16.5	Mul Stk Non-1990	2,744.0	0.607	2,027.1
Affected	10100501	Distillate Oil	0.330	3	340.3	1000 Gal	138.00	46,961	24.1	Mul Stk Non-1990	2,739.9		1,234.8
											4.1		
Affected	10100212	Bituminous Coal	0.458	3	747,666.2	Tons	27.00	20,186,987	19.2	Non-1990 5 Mo. CEMS	7,185.2	0.710	4,546.6
Affected	10100501	Distillate Oil	0.406	3	375.5	1000 Gal	138.00	51,819	24.0	Non-1990 5 Mo. CEMS	7,180.7		3,233.3
											4.5		
TOLN MET EDISON TOLNA													
Baseline	031	20100101	Distillate Oil	150	0.734	1	177.0	1000 Gal	138.00	20,492	67.8	Sing Stk Rep Cond	11.7
Baseline	032	20100101	Distillate Oil	150	0.760	1	139.6	1000 Gal	138.00	19,306	81.7	Sing Stk Rep Cond	6.0
											5.7	0.588	4.1
											3.9	0.588	4.1
											3.9	0.588	4.1

Detail Report - Five Month Data

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Point-Segment Level Data

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Final OTC NOx Baseline Inventory Rhode Island

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline		Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III
007 Providence Co - Inner Zone - Serious														
										551.3	0.526	213.0	209.5	157.1
										275.7	0.506	106.5	104.7	78.6
Affected	121	10100401 Residual Oil	670	0.127 1	456.0 1000 Gal	150.00	70,125	67.0 AP-42		15.3				
Affected		10100601 Natural Gas		0.810 1	946.9 10x6 Cu Ft	1,032.00	977,201	550.0 AP-42		280.4				
Affected	122	10100401 Residual Oil	670	0.127 1	456.0 1000 Gal	150.00	70,140	67.0 AP-42		275.7	0.506	106.5	104.7	78.6
Affected		10100601 Natural Gas		0.810 1	946.9 10x6 Cu Ft	1,032.00	977,201	550.0 AP-42		280.4				
0039 NARRAGANSETT ELECTRC														
										547.7	0.530	208.3	206.8	155.0
										164.2	0.512	63.3	62.2	46.7
Affected	006	10100401 Residual Oil	546	0.111 1	279.3 1000 Gal	150.00	41,445	67.0 AP-42		9.4				
Affected		10100601 Natural Gas		0.500 1	563.0 10x6 Cu Ft	1,032.00	581,016	550.0 AP-42		154.8				
Affected	007	10100401 Residual Oil	546	0.006 1	9.6 1000 Gal	150.00	2,700	67.0 AP-42		230.9	0.519	86.9	86.8	65.1
Affected		10100601 Natural Gas		0.700 1	838.6 10x6 Cu Ft	1,032.00	865,435	550.0 AP-42		230.6				
Affected	012	10100401 Residual Oil	546	0.103 1	163.0 1000 Gal	150.00	23,760	67.0 AP-42		152.6	0.514	58.2	57.6	43.2
Affected		10100601 Natural Gas		0.650 1	535.0 10x6 Cu Ft	1,032.00	552,120	550.0 AP-42		147.1				

Detail Report - Five Month Data
Point-Segment Level Data

Final OTC NOx Baseline Inventory
Vermont

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Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. Eff.	Baseline			Target (Point Level)		
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III	
007 Chittenden Co - Northern Zone - Attainment															
Affected	007	10100801 Natural Gas	842	0.723 1	496.8 10x6 Cu Ft	1,050.00	521,640	121.1 1990 Other CEMS		30.1	0.115	30.1	30.1	30.1	

Final OTC NOx Baseline Inventory

Virginia

Point-Segment Level Data

06/26/95

Affected	Plant Point	SCC/Description	Design Capacity (10x6 Btu/hr)	5-Month Activity Fac/Code	Fuel Use/Units	Heat Content (10x6 Btu/ SCC Unit)	Heat Input (10x6 Btu)	State Emission Factor/Code (lbs/SCC Unit)	Con. EM.	Baseline		Target (Point Level)			
										Five Month	Emission Rate (lbs/10x6 Btu)	RACT	Phase II	Phase III	
153 Prince William Co - Inner Zone - Serious															
	002 VIRGINIA POWER									2,520.4	0.458	1,813.3	1,128.1	851.3	
	001		925							3.8	0.281	3.4	2.7	2.1	
Affected	10100404	Residual Oil		1.000 3	180.8	1000 Gal	148.00	26,758	42.0 AP-42		3.8				
Affected	10100501	Distillate Oil		1.000 3	4.2	1000 Gal	140.00	588	20.0 AP-42		0.0				
	002		923							4.3	0.279	3.8	3.1	2.3	
Affected	10100404	Residual Oil		1.000 3	201.5	1000 Gal	148.00	29,822	42.0 AP-42		4.2				
Affected	10100501	Distillate Oil		1.000 3	7.2	1000 Gal	140.00	1,008	20.0 AP-42		0.1				
	003		1,129							390.2	0.575	257.5	136.6	101.8	
Affected	10100212	Bituminous Coal		0.527 3	54,168.5	Tons	25.00	1,354,213	14.4 AP-42		390.0				
Affected	10100501	Distillate Oil		0.527 3	19.8	1000 Gal	140.00	2,772	20.0 AP-42		0.2				
	004		2,332							1,471.0	0.575	970.7	514.9	383.5	
Affected	10100212	Bituminous Coal		0.450 3	204,229.0	Tons	25.00	5,105,725	14.4 AP-42		1,470.4				
Affected	10100501	Distillate Oil		0.450 3	56.7	1000 Gal	140.00	7,938	20.0 AP-42		0.8				
	005		8,118							617.0	0.282	543.9	436.8	327.6	
Affected	10100404	Residual Oil		0.810 3	29,244.0	1000 Gal	148.00	4,328,112	42.0 AP-42		614.1				
Affected	10100501	Distillate Oil		0.810 3	283.7	1000 Gal	140.00	39,718	20.0 AP-42		2.8				
Baseline	006	20100101	Distillate Oil	264	0.797 3	82.9	1000 Gal	140.00	11,806	97.7 AP-42		4.1	0.698	4.1	4.1
Baseline	007	20100101	Distillate Oil	264	0.916 3	127.3	1000 Gal	140.00	17,822	97.7 AP-42		6.2	0.698	6.2	6.2
Baseline	008	20100101	Distillate Oil	264	0.896 3	125.4	1000 Gal	140.00	17,556	97.7 AP-42		6.1	0.698	6.1	6.1
Baseline	009	20100101	Distillate Oil	264	0.924 3	129.3	1000 Gal	140.00	18,102	97.7 AP-42		6.3	0.698	6.3	6.3
Baseline	010	20100101	Distillate Oil	264	0.908 3	107.2	1000 Gal	140.00	15,008	97.7 AP-42		5.2	0.698	5.2	5.2
Baseline	011	20100101	Distillate Oil	264	0.930 3	125.6	1000 Gal	140.00	17,584	97.7 AP-42		6.1	0.698	6.1	6.1
510 Alexandria - Inner Zone - Serious															
	003 PEPCO									3,278.5	0.592	2,098.5	1,176.3	850.4	
	001		970							313.3	0.510	229.5	122.5	91.9	
Affected	10100212	Bituminous Coal		0.563 2	46,500.0	Tons	25.74	1,196,943	13.4 Mul Stk Non-1990		311.2				
Affected	10100501	Distillate Oil		0.505 2	205.8	1000 Gal	136.94	28,182	20.0 AP-42		2.1				
	002		970							413.9	0.513	303.0	160.9	120.6	
Affected	10100212	Bituminous Coal		0.555 2	61,800.0	Tons	25.66	1,585,637	13.3 Mul Stk Non-1990		412.3				
Affected	10100501	Distillate Oil		0.396 2	168.0	1000 Gal	136.96	23,010	20.0 AP-42		1.7				
	003		961							813.0	0.619	498.5	284.5	203.2	
Affected	10100212	Bituminous Coal		0.430 2	101,800.0	Tons	25.74	2,620,532	16.0 Mul Stk Non-1990		812.4				
Affected	10100501	Distillate Oil		0.538 2	58.8	1000 Gal	136.82	8,045	20.0 AP-42		0.6				
	004		961							881.7	0.619	540.5	308.6	220.4	
Affected	10100212	Bituminous Coal		0.472 2	110,500.0	Tons	25.73	2,843,807	16.0 Mul Stk Non-1990		881.5				
Affected	10100501	Distillate Oil		0.235 2	16.8	1000 Gal	137.38	2,308	20.0 AP-42		0.2				
	005		961							856.7	0.620	525.1	299.8	214.2	
Affected	10100212	Bituminous Coal		0.440 2	107,300.0	Tons	25.75	2,763,020	16.0 Mul Stk Non-1990		858.5				
Affected	10100501	Distillate Oil		0.300 2	12.6	1000 Gal	137.06	1,727	20.0 AP-42		0.1				

APPENDIX C
MEMORANDUM OF UNDERSTANDING

*Memorandum of Understanding
Among the States of the Ozone Transport Commission
on Development of a Regional Strategy
Concerning the Control of
Stationary Source Nitrogen Oxide Emissions*

and

*OTC Stationary/Area Source Committee
Proposed Regional NOx Strategy for Stationary Sources
in support of
1994 State Implementation Plans*

September 27, 1994

**MEMORANDUM OF UNDERSTANDING
AMONG THE STATES OF THE OZONE TRANSPORT COMMISSION
ON DEVELOPMENT OF A REGIONAL STRATEGY CONCERNING THE CONTROL OF
STATIONARY SOURCE NITROGEN OXIDE EMISSIONS**

WHEREAS, the States of the Ozone Transport Commission (OTC) face a pervasive problem in their efforts to attain the National Ambient Air Quality Standard (NAAQS) for ozone; and

WHEREAS, a 1991 National Academy of Sciences study on ground-level ozone indicates that a combination of reductions in emissions of volatile organic compounds (VOCs) and nitrogen oxides (NOx) will be necessary to bring the entire Ozone Transport Region (OTR) into attainment by the statutory attainment dates; and

WHEREAS, modeling and other studies confirm that NOx emission reductions are effective in reducing ozone formation and help to reduce ozone transport; and

WHEREAS, the States of the OTC are requiring major stationary sources of NOx to implement reasonably available control technology (RACT); and

WHEREAS, by November 15, 1994, the States must submit attainment demonstrations to EPA as State Implementation Plan (SIP) revisions; and

WHEREAS, the implementation of RACT for the control of NOx emissions will not be sufficient to enable all States in the OTR to reach attainment; and

WHEREAS, the undersigned States seek to develop an effective regional program to reduce NOx emissions, which would be implemented in conjunction with other measures to control ozone precursors (including state-specific measures, regional measures and Federal measures required under the Clean Air Act); and

WHEREAS, these measures together may enable EPA to approve the States' SIPs and refrain from imposing sanctions that could restrict economic growth throughout the OTR; and

WHEREAS, information that the States have collected in their emissions inventories shows that large boilers and other large indirect heat exchangers are the source of a substantial portion of the NOx emissions in the States, and will continue to be so after they implement RACT;

WHEREAS, the States intend to complete a reevaluation of stationary source controls for 2003 and beyond in 1997, based on results of EPA-approved models and other relevant technical data;

THEREFORE, the undersigned member States hereby agree to propose regulations and/or legislation for the control of NOx emission from boilers and other indirect heat exchangers with a maximum gross heat input rate of at least 250 million BTU per hour; and

FURTHERMORE, that the States agree to propose regulations that reflect the difference in conditions in (i) the OTR's "Northern Zone" consisting of the northern portion of the OTR; (ii) the OTR's "Inner Zone" consisting of the central eastern portion of the OTR; and (iii) the OTR's "Outer Zone" consisting of the remainder of the OTR; and

FURTHERMORE, that to establish a credible emissions budget, the States agree to propose regulations that require enforceable specific reductions in NOx emissions from the actual 1990 emissions set forth in each State's 1990 inventory submitted to EPA in compliance with § 182(a) (1) of the Clean Air Act or in a similar emissions inventory prepared for each attainment area (provided that for exceptional circumstances that a more representative base year may be applied to individual sources in a manner acceptable to EPA) subject to public notice; and

FURTHERMORE, that the States agree to develop a budget in a manner acceptable to EPA based on the principles above no later than March 1, 1995; and

FURTHERMORE, if such a budget is not developed by March 1, 1995, that the 1990 interim inventory used by EPA in its Regional Oxidant Model simulations for the 1994 OTC Fall Meeting will be used for the budget; and

FURTHERMORE, that the States agree to propose regulations that require subject sources in the Inner Zone to reduce their rate of NOx emissions by 65 percent from base year levels by May 1, 1999, or to emit NOx at a rate no greater than 0.2 pounds per million BTU; and

FURTHERMORE, that the States agree to propose regulations that require subject sources in the Outer Zone to reduce their rate of NOx emissions by 55 percent from base year levels by May 1, 1999, or to emit NOx at a rate no greater than 0.2 pounds per million BTU; and

FURTHERMORE, that the States agree to propose regulations that require sources in the Inner Zone and the Outer Zone to reduce their rate of NOx emissions by 75 percent from base year levels by May 1, 2003, or to emit NOx at a rate no greater than 0.15 pounds per million BTU; and

FURTHERMORE, that the States agree to propose regulations that require subject sources in the Northern Zone to reduce their rate of NOx emissions by 55 percent from base year levels by May 1, 2003, or to emit NOx at a rate no greater than 0.2 pounds per million BTU; and

FURTHERMORE, that the States agree to develop a regionwide trading mechanism in consultation with EPA; and

FURTHERMORE, that in lieu of proposing the regulations described above, a State may propose regulations that achieve an equivalent reduction in stationary source NOx emissions in an equitable manner; and

FURTHERMORE, that the regulations for May 1, 2003 described above may be modified if (i) additional modeling and other scientific analysis shows that the regulations as modified, together with regulations governing VOC emissions, will achieve attainment of the ozone NAAQS across the OTR, and (ii) this Memorandum of Understanding is modified to reflect those modeling results and other analysis no later than December 31, 1998; and

FURTHERMORE, that the States agree to propose regulations that are otherwise consistent with the attached recommendations of the OTC's Stationary/Area Source Committee; and

FURTHERMORE, that the undersigned States agree to request that the EPA Administrator determine whether the SIPs of States outside the OTR contain adequate provisions to prohibit the emission of air pollutants in amounts that will contribute significantly to nonattainment of a National Ambient Air Quality Standard (NAAQS) within the OTR, as required under 42 U.S.C. Section 110(a)(2)(D).

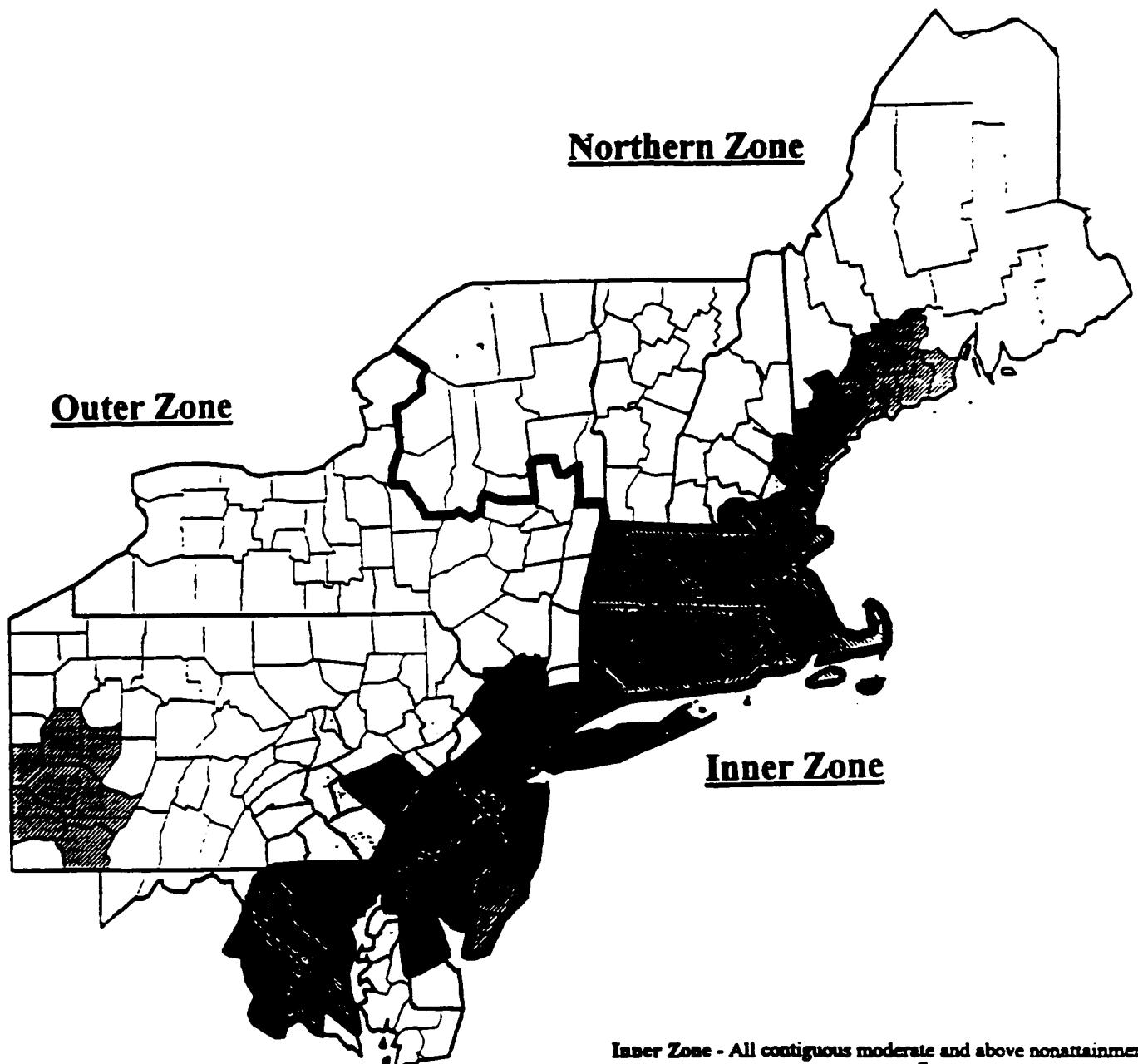
Figure 1

**Northeast Ozone Transport Region
Ozone Nonattainment Areas**



Figure 2

**Northeast Ozone Transport Region
Zones for Proposed
Regional NO_x Stationary Source Strategy**



Inner Zone - All contiguous moderate and above nonattainment areas except those located in Maine^{*}

Outer Zone - Remainder of the OTR except the northern zone

Northern Zone - Maine, Vermont and New Hampshire (except for its moderate and above nonattainment areas), and the northeastern attainment portion of New York

The Inner Zone includes Merrimack County, New Hampshire.

*The inner zone is based on existing attainment designations. If an area is redesignated attainment, it remains in the inner zone. However, if contiguous marginal areas are "bumped up" to moderate status, they become a part of the inner zone.

Signed this 27th day of September, 1994 by the following:

CONNECTICUT: Timothy R. Kennedy

DELAWARE: Chapman C. Olson

DISTRICT OF COLUMBIA: Fern A. Fisher

MAINE: March H. Gaunt

MARYLAND: James E. El

MASSACHUSETTS: _____

NEW HAMPSHIRE: Robert W. N.

NEW JERSEY: Charles S. D.

NEW YORK: Hagedorn Nash

PENNSYLVANIA: Gifford A. Davis

RHODE ISLAND: J. H. T.

VERMONT: Frank May

VIRGINIA: _____

**OTC STATIONARY/AREA SOURCE COMMITTEE
PROPOSED REGIONAL NO_x STRATEGY FOR STATIONARY
SOURCES
IN SUPPORT OF
1994 STATE IMPLEMENTATION PLANS**

I. Summary of the Regional Strategy

A. General Description of the Strategy

On March 10, 1992, the Ozone Transport Commission (OTC) adopted a Memorandum of Understanding (MOU) committing to Reasonably Available Control Technology (RACT) on major stationary sources of nitrogen oxides (NO_x). As a part of that MOU, the OTC anticipated "additional controls capable of meeting a performance standard based on advanced control technology (to) be incorporated in 1994 SIP revisions for implementation by May 1999."

In its 1994 Annual Meeting on May 10, 1994, the OTC reiterated its commitment to develop a strategy for additional controls on NO_x for major stationary sources for the 1994 SIP revisions. At that time the OTC focused on its full meeting scheduled for September 27, 1994, as the time to make a decision on this strategy. An additional MOU documenting this plan was then developed and approved.

This paper represents the strategy proposed by the OTC Stationary/Area Source Committee for adoption by the OTC as a part of its regional strategy for the 1994 SIP revisions. The strategy presented here would require further reductions in NO_x emissions from large fossil fuel fired boilers and indirect heat exchangers and may limit emissions from smaller sources within the Ozone Transport Region in a two step process. Phase II (i.e. initial reductions beyond RACT) will require reductions by May 1, 1999 and a specific phase III reduction by May 1, 2003. Phase III would require further reductions as a default value unless determined by modeling and scientific evaluations that an alternative program is preferable to achieve attainment goals. The default will ensure that a reduction strategy is implemented in the event that the scientific efforts are inconclusive or that there is no consensus in the future on an alternative strategy.

A regional emissions target will be set by calculating, on a unit by unit basis, either a pre-determined uniform emission limit or a pre-determined percentage emission decrease as a rate whichever is less stringent for every affected unit. A State may implement this program in an alternate manner as long as the emission reduction targets for the State are met. A trading program should be included as a necessary component of this strategy. Work is currently proceeding on the development of an implementation mechanism for such a program, which could include a NO_x budget and tradable allowances.

The Committee's report to the Commissioners on October 19, 1993, indicated that the Committee had, in accordance with the Commissioners request, assessed the technological feasibility of implementing additional NO_x reductions from large stationary

sources. The Committee concluded that current available technologies provide a feasible and cost-effective means for a 75 percent reduction from large boilers in aggregate.

B. Key Components of the Regional Strategy

1. Geographic Coverage

Phase II

Three zones:

- 1) Inner - all contiguous moderate and above nonattainment areas except those located in Maine
- 2) Outer - remainder of the OTR except the northern zone
- 3) Northern - a northern tier covered by Maine, Vermont, New Hampshire (except for its moderate and above nonattainment areas), and the northeastern attainment portion of New York - see attached map

Phase III Default

- 1) OTR-wide uniform applicability with exception for the northern zone
- 2) Northern tier - Maine, Vermont, New Hampshire (except for its moderate and above nonattainment areas), and the northeastern attainment portion of New York - see attached map

2. Source Applicability

For Reduction Requirement Purposes

- in phase II and phase III default, fossil fuel fired indirect heat exchangers 250 mmBTU/Hr and greater heat input.
- in phase III, smaller combustion units, direct-fired process heaters and engines, and smaller indirect heat exchangers if necessary (to be determined in the future)

For Budgeting Purposes

- in phase II and phase III default, fossil fuel fired indirect heat exchangers 250 mmBTU/Hr and greater heat input.
- in Phase II and III, other fossil fuel fired electric generating sources 15 MW (approximately 150 mmBTU/Hr units) and greater.

3. Timing - 5/1/99 and 5/1/03 final compliance dates for phase II and Phase III respectively.

- 4. Seasonality - nonattainment ozone season only (5/1 to 9/30)**
- 5. Averaging - a seasonal limit with a daily consideration if needed**
- 6. Trading - allowed throughout the OTR to the extent consistent with the differences in zonal reduction requirements.**

C. Geographic Coverage - Limit (rates in lbs NOx per mmBTU)

Phase II

Inner zone	0.2 rate or 60 to 75 percent range (65 percent recommended)
Outer zone	0.2 rate or 50 to 75 percent range (55 percent recommended)
Northern zone	RACT

Phase III Default

Inner zone	0.1 to .15 rate or 75 percent (.15 rate recommended)
Outer zone	0.1 to .15) rate or 75 percent (.15 rate recommended)
Northern zone	0.2 rate or 50 - 65 percent (55 percent recommended)

II. Discussion

A. General

Attainment will require a significant NOx emission reduction across the OTR to address the ozone problem. Attainment deadlines are rapidly approaching. However, to allow for an opportunity for further evaluation and possible "mid-course correction" in the context of achieving attainment goals and new refinements to scientific evaluation techniques, and also due to other considerations as outlined in the following discussion of elements, it is necessary to take a phased approach to controlling stationary source NOx. Such an approach would need to deliver reductions prior to the 1999 ozone season, the attainment deadline for the OTR's serious nonattainment areas. The approach would allow time for additional developments in scientific information to be completed and used to amend if necessary the phase III strategy to ensure that attainment goals are achieved. However, in order to meet SIP obligations, the strategy must include provisions to ensure a significant reduction program can be implemented in the event that the scientific results are inconclusive, hence the recommendation for the default reduction.

The phase II reduction outlined provides a significant near-term reduction. It requires substantial control efforts resulting in significant emission reductions, but also provides a developmental period necessary for trading programs to become operational, mature, and thereby providing a reasonable opportunity for a larger reduction and trading program to succeed. An evaluation in advance of the phase III portion of the program will assure that the pool of available capital and other assets will be used in the most effective manner in

achieving attainment goals. The default requirement is necessary to ensure that each state has an adequate approvable SIP element for the 1994 submittals.

The inclusion of the combined uniform limit or percent reduction whichever is less stringent for a particular unit addresses concerns about the ability of certain units to meet a uniform fuel blind emission limit and simultaneously addresses concerns about the equity of a percent reduction for units which already have relatively low NOx emissions.

States may apply the limits as unit by unit reduction requirements or achieve on an aggregate basis an equivalent reduction utilizing alternative limits. The limits can be met by using combinations of low NOx burners, NOx control devices, fuel switching, repowering and emissions trading.

Emissions from beyond the OTR are considered to impact the nonattainment areas in the region. Efforts should therefore be made to determine the significance of the impact of these emissions and to seek the appropriate levels of control for the areas outside the OTR.

E. Discussion of Key Components

1. **Geographic Coverage** - Coverage is extended across the OTR in both phases in a manner that recognizes what is considered an urban corridor of nonattainment areas. Consistent with the corridor concept and relative impact of other areas emissions on the corridor, the northern far-downwind areas (see attached map) would only be included in phase II at the RACT level. Since it is less likely that reductions in the northern zone will benefit the urban corridor, the decision for further control should be deferred until phase III.

2. **Source Applicability** - The fossil fuel fired 250 million BTU/hr heat input cutpoint for phase II applicability corresponds to boilers and other indirect heat exchangers with a potential to emit about 250 tons per year of NOx at a 50% capacity factor and 0.5 pounds of NOx per mmBTU emission rate. Stationary sources larger than this account for a significant proportion of the stationary source NOx emissions in the region. Also the 250 million BTU/hr cutpoint is a historical Federal cutpoint for large combustion units subject to Federal regulation such as New Source Performance Standards (NSPS). This is also the cutpoint for Continuous Emission Monitoring (CEM) requirements which makes tracking, accountability, and enforcement for units above this threshold simpler and allows for a more flexible emission trading program.

Load shifting to generating capacity such as peaking turbines may occur as a result of the reduction requirement for large boilers. While it may be desirable to allow such shifts to cleaner equipment, if it occurs even on a moderate scale, it may result in high levels of relatively uncontrolled emissions which would reduce the strategy's effectiveness. Therefore these units should be included in the strategy by being included in any budget for NOx which is developed. This would allow for trading and load shifting while preserving the viability of the strategy.

3. **Emission Limits** - A combined uniform limit or percent reduction, whichever is less stringent for a particular unit, addresses concerns about the ability of certain units to meet

a uniform fuel blind emission limit and simultaneously addresses concerns about the equity of a percent reduction for units which already have relatively low NOx emissions.

As described earlier the emission reduction level contained in this strategy which takes the form of a pound per million BTU rate limit or a percent reduction (which must be converted to its equivalent pound per million BTU rate limit) will be applied on a unit by unit basis. An appropriate base year related to the 1990 base year as determined by the OTC will be used to determine utilization rates in the calculation of the target reduction in a manner that generally follows the conceptual outline presented by the NESCAUM/MARAMA NOx Budget project. Generally, it establishes an ozone season heat input as the utilization factor to be multiplied with the emission rate limit. The product of these two factors is the reduction level for the unit involved. These unit levels will be summed to determine the total reduction from which states will assign appropriate emission limits to their effected units in order to meet the reduction requirement.

4. *Timing* - Compliance with the phase II reduction is required by 5/99. A decision on the phase III mid-course correction or default provision must occur in the 1997-1998 time frame in order to ensure compliance by 5/03. The timing provides for achieving the reductions in the serious nonattainment areas by the statutory deadline and provides for implementation of further reductions to the extent necessary to achieve the air quality standards in severe nonattainment areas. The 5/03 compliance date would also provide the minimum three years of air quality data to demonstrate attainment by 2005.

5. *Seasonality* - May 1 to September 30. This is the most probable period for violating the ozone air quality standards in the OTR and would provide a common period for states to achieve the emission reductions. Year round reductions, while useful for acid rain mitigation and other environmental issues, are not necessary to achieve the ozone standard, and are beyond the OTC regional NOx strategy.

6. *Averaging* - A cumulative seasonal limit with a daily consideration may be necessary. The form and stringency of a daily consideration may be diminished or eliminated contingent upon demonstrations which indicate that actual daily emissions on the aggregate would not exceed targeted levels. Provided that modeling issues can be resolved (the models rely on daily tons per day limitations) this type of limit would be most conducive to implementing the program, including trading programs, and can be demonstrated to result in daily area reductions equivalent to that which daily limits would provide.

7. *Emission Trading* - Provisions should be made to allow for the broadest possible emission trading within each zone and for appropriate trading between zones. This will permit sources to meet this strategy's emission reduction requirement more cost effectively. Such a trading program should provide a consistent basis for meeting New Source Review offset requirements consistent with the Clean Air Act. A ratio reflective of the different zonal limits could apply for trades from the outer zone into the inner zone and vice versa.

APPENDIX D
DEFAULT OTC NO_x BASELINE INVENTORY

**Summary of Default OTC NOx Baseline Emission Inventory
Average NOx Emission Rates by State for All Baseline Sources**

State	Number of:			Annual NOx (tons)	Ozone Season Daily NOx (lbs)	5 Month NOx (tons)	5 Month Heat Input (10x6Btu)	5 Month NOx Rate (lbs/10x6Btu)
	Plants	Units	SCCs					
Connecticut	15	39	45	23,703	107,302	10,055	52,959,125	0.380
Delaware	9	19	37	26,438	180,034	11,827	37,954,981	0.623
District of Columbia	2	8	14	1,330	6,390	742	4,693,401	0.316
Maine	14	35	41	9,409	39,688	4,081	21,764,676	0.375
Maryland	20	52	83	100,003	681,024	44,864	135,911,118	0.660
Massachusetts	25	59	91	77,554	262,626	32,602	134,333,902	0.485
New Hampshire	6	13	19	23,896	117,118	8,341	22,062,952	0.756
New Jersey	26	86	119	75,301	525,436	34,711	85,512,521	0.812
New York	50	122	187	207,217	1,325,190	87,816	385,392,110	0.456
Pennsylvania	52	158	248	385,460	2,392,974	158,532	459,241,888	0.690
Rhode Island	3	6	11	2,064	29,396	1,143	4,400,130	0.520
Vermont	2	2	3	191	1,546	138	500,692	0.549
Virginia	3	16	23	11,963	71,582	5,789	22,103,011	0.524
Ozone Transport Region	227	615	921	944,529	5,740,306	400,640	1,366,830,507	0.586

This table summarizes heat input and average emission rates using the Default State Inventory.
This includes all baseline sources.

Summary of Default OTC NOx Baseline Emission Inventory
Average NOx Emission rates by Zone and State for All Baseline Sources

	Number of: Plants	Units	SCCs	Annual NOx (tons)	Ozone Season Daily NOx (lbs)	5 Month NOx (tons)	5 Month Heat Input (10x6Btu)	5 Month NOx Rate (lbs/10x6Btu)
Inner Zone								
Connecticut	15	39	45	23,703	107,302	10,055	52,959,125	0.380
Delaware	7	14	25	9,695	68,162	4,541	18,496,652	0.491
District of Columbia	2	8	14	1,330	6,390	742	4,693,401	0.316
Maryland	16	45	71	94,805	650,792	42,711	129,168,272	0.661
Massachusetts	25	59	91	77,554	262,626	32,602	134,333,902	0.485
New Hampshire	6	13	19	23,896	117,118	8,341	22,062,952	0.756
New Jersey	26	86	119	75,301	525,436	34,711	85,512,521	0.812
New York	25	63	97	96,936	691,480	41,870	250,017,177	0.335
Pennsylvania	16	66	85	14,852	86,700	7,037	29,398,434	0.479
Rhode Island	3	6	11	2,064	29,396	1,143	4,400,130	0.520
Virginia	3	16	23	11,963	71,582	5,789	22,103,011	0.524
Total	144	415	600	432,099	2,616,984	189,541	753,145,577	0.503
Outer Zone								
Delaware	2	5	12	16,743	111,872	7,286	19,458,329	0.749
Maryland	4	7	12	5,199	30,232	2,152	6,742,846	0.638
New York	23	56	87	109,598	629,954	45,662	134,295,983	0.680
Pennsylvania	36	92	163	370,608	2,306,274	151,495	429,843,454	0.705
Total	65	160	274	502,148	3,078,332	206,595	590,340,612	0.700
Northern Zone								
Maine	14	35	41	9,409	39,688	4,081	21,764,676	0.375
New York	2	3	3	683	3,756	285	1,078,950	0.528
Vermont	2	2	3	191	1,546	138	500,692	0.549
Total	18	40	47	10,283	44,990	4,503	23,344,318	0.386
Ozone Transport Region	227	615	921	944,529	5,740,306	400,640	1,366,830,507	0.586

This table summarizes heat input and average emission rates using the Default State Inventory.
This includes all baseline sources.

APPENDIX E
INITIAL OTC NO_x BASELINE INVENTORY

Summary of Initial State OTC NOx Baseline Emission Inventory (12/29 version)
Average NOx Emission Rates by State

State	Number of:			Annual NOx (tons)	Ozone Season Daily NOx (lbs)	5 Month NOx (tons)	5 Month Heat Input (10x6Btu)	5 Month NOx Rate (lbs/10x6Btu)	---- Number of SCCs ----		
	Plants	Units	SCCs						Total	using AP-42	missing data
Connecticut	20	62	92	32,862	166,895	13,425	68,706,798	0.391	92	0	0
Delaware	8	30	69	32,049	205,171	14,312	42,272,208	0.662	58	13	11
District of Columbia	3	12	22	1,802	17,757	928	4,358,922	0.426	22	2	0
Maine	18	47	53	10,423	68,078	4,411	22,469,257	0.393	53	3	0
Maryland	17	76	76	135,740	940,333	59,846	240,798,883	0.497	76	76	0
Massachusetts	22	62	120	86,034	487,999	35,446	114,438,286	0.619	119	118	1
New Hampshire	3	7	13	24,244	132,838	10,110	23,826,512	0.849	13	1	0
New Jersey	33	233	365	112,054	1,300,764	50,137	98,527,827	1.012	361	23	4
New York	62	163	270	184,649	1,100,312	79,942	393,176,881	0.407	270	1	0
Pennsylvania	63	195	320	483,826	3,330,350	200,219	484,768,068	0.826	320	120	0
Rhode Island	2	8	8	1,939	20,655	984	3,850,620	0.511	8	8	0
Vermont	1	1	2	42	443	27	444,597	0.121	2	0	0
Virginia	2	16	26	11,867	89,768	5,780	21,927,332	0.527	26	0	0
Ozone Transport Region	254	912	1436	1,117,530	7,861,364	475,567	1,519,566,191	0.625	1420	365	16

This table summarizes heat input and average emission rates using the Initial State Inventory.

This includes all baseline sources (and may include sources which were later excluded from the baseline).

Summary of Initial State OTC NOx Baseline Emission Inventory (12/29 version)
Average NOx Emission Rates by Zone and State

	Number of Affected:			Annual NOx (tons)	Ozone Season Daily NOx (lbs)	5 Month NOx (tons)	5 Month Heat Input (10x6Btu)	5 Month NOx Rate (lbs/10x6Btu)	Number of SCCs -----		
	Plants	Units	SCCs						Total	using AP-42	missing data
Inner Zone											
Connecticut	20	62	92	32,862	166,895	13,425	68,706,798	0.391	92	0	0
Delaware	6	22	54	14,431	99,222	6,720	23,308,726	0.550	43	12	11
District of Columbia	3	12	22	1,802	17,757	928	4,358,922	0.426	22	2	0
Maryland	14	68	68	128,672	890,066	56,973	235,163,328	0.485	68	68	0
Massachusetts	22	62	120	86,034	487,999	35,446	114,438,286	0.619	119	118	1
New Hampshire	3	7	13	24,244	132,838	10,110	23,826,512	0.849	13	1	0
New Jersey	33	233	365	112,054	1,300,764	50,137	98,527,827	1.012	361	23	4
New York	29	101	163	85,852	519,849	38,193	249,636,659	0.306	163	0	0
Pennsylvania	19	61	104	21,289	197,366	9,644	39,299,739	0.491	104	46	0
Rhode Island	2	8	8	1,939	20,655	984	3,850,620	0.511	8	8	0
Virginia	2	16	26	11,867	89,768	5,780	21,927,332	0.527	26	0	0
Total	153	652	1035	521,046	3,923,179	228,342	883,044,749	0.516	1019	278	16
Outer Zone											
Delaware	2	8	15	17,618	105,950	7,592	18,963,482	0.801	15	1	0
Maryland	3	8	8	7,068	50,267	2,873	5,635,555	1.020	8	8	0
New York	26	55	97	98,344	577,972	41,560	141,999,794	0.585	97	1	0
Pennsylvania	44	134	216	462,537	3,132,984	190,575	445,468,329	0.856	216	74	0
Total	75	205	336	585,567	3,867,173	242,599	612,067,160	0.793	336	84	0
Northern Zone											
Maine	18	47	53	10,423	68,078	4,411	22,469,257	0.393	53	3	0
New York	7	7	10	453	2,491	189	1,540,428	0.245	10	0	0
Vermont	1	1	2	42	443	27	444,597	0.121	2	0	0
Total	26	55	65	10,918	71,012	4,626	24,454,282	0.378	65	3	0
Ozone Transport Region	254	912	1436	1,117,530	7,861,364	475,567	1,519,566,191	0.625	1420	365	16

This table summarizes heat input and average emission rates using the Initial State Inventory.
This includes all baseline sources (and may include sources which were later excluded from the baseline).

APPENDIX F
FINAL OTC NO_x BASELINE INVENTORY

Summary of Final OTC NOx Baseline Emission Inventory
Average NOx Emission Rates by State for All Baseline Sources

State	Number of:			Annual NOx (tons)	Annual Heat Input (10x6Btu)	5 Month NOx (tons)	5 Month Heat Input (10x6Btu)	5 Month NOx Rate (lbs/10x6Btu)
	Plants	Units	SCCs					
Connecticut	21	59	84	26,201	145,044,487	11,203	61,284,609	0.366
Delaware	9	26	49	29,496	96,855,010	13,180	43,893,578	0.601
District of Columbia	4	12	18	1,123	8,622,798	576	4,315,427	0.267
Maine	18	45	51	10,443	54,088,610	4,419	22,524,735	0.392
Maryland	16	60	88	120,108	297,221,746	54,990	139,601,865	0.788
Massachusetts	27	80	141	97,865	327,316,770	40,367	139,045,355	0.581
New Hampshire	3	7	13	36,423	57,157,004	12,946	21,688,403	1.194
New Jersey	35	243	381	107,862	222,873,917	44,360	97,648,670	0.909
New York	53	152	241	197,288	901,664,563	84,484	394,796,337	0.428
Pennsylvania	69	206	328	480,036	1,232,673,622	199,639	519,522,699	0.769
Rhode Island	2	5	10	1,941	7,598,820	1,099	4,161,143	0.528
Vermont	1	1	1	42	721,560	30	521,640	0.115
Virginia	2	16	26	11,890	43,029,710	5,799	22,067,343	0.526
Ozone Transport Region	260	912	1,431	1,120,717	3,394,868,617	473,092	1,471,071,804	0.643

This table summarizes heat input, emissions, and average emission rates using revised State data provided as of June 1, 1995.
This summary includes all baseline sources.

Summary of Final OTC NOx Baseline Emission Inventory
Average NOx Emission Rates by Zone/State for All Baseline Sources

State	Number of:			Annual NOx (tons)	Annual Heat Input (10x6Btu)	5 Month NOx (tons)	5 Month Heat Input (10x6Btu)	5 Month NOx Rate (lbs/10x6Btu)
	Plants	Units	SCCs					
Inner Zone								
Connecticut	21	59	84	26,201	145,044,487	11,203	61,284,609	0.366
Delaware	8	22	41	12,927	57,017,631	6,017	26,673,862	0.451
District of Columbia	4	12	18	1,123	8,622,798	576	4,315,427	0.267
Maryland	13	53	79	111,592	279,436,332	50,924	131,038,110	0.777
Massachusetts	27	80	141	97,865	327,316,770	40,367	139,045,355	0.581
New Hampshire	3	7	13	36,423	57,157,004	12,946	21,688,403	1.194
New Jersey	35	243	381	107,862	222,873,917	44,360	97,648,670	0.909
New York	30	108	163	97,304	566,037,458	42,716	253,049,312	0.338
Pennsylvania	18	61	98	18,525	91,454,368	8,621	40,861,491	0.422
Rhode Island	2	5	10	1,941	7,598,820	1,099	4,161,143	0.528
Virginia	2	16	26	11,890	43,029,710	5,799	22,067,343	0.526
Total	163	666	1,054	523,652	1,805,589,295	224,626	801,833,725	0.560
Outer Zone								
Delaware	1	4	8	16,570	39,837,379	7,163	17,219,716	0.832
Maryland	3	7	9	8,515	17,785,414	4,067	8,563,755	0.950
New York	22	43	77	99,301	331,933,025	41,482	140,195,511	0.592
Pennsylvania	51	145	230	461,511	1,141,219,254	191,018	478,661,208	0.798
Total	77	199	324	585,897	1,530,775,072	243,730	644,640,190	0.756
Northern Zone								
Maine	18	45	51	10,443	54,088,610	4,419	22,524,735	0.392
New York	1	1	1	683	3,694,080	287	1,551,514	0.370
Vermont	1	1	1	42	721,560	30	521,640	0.115
Total	20	47	53	11,168	58,504,250	4,736	24,597,889	0.385
Ozone Transport Region	260	912	1431	1,120,717	3,394,868,617	473,092	1,471,071,804	0.643

This table summarizes heat input, emissions, and average emission rates using revised State data provided as of June 1, 1995.
This summary includes all baseline sources.

APPENDIX G
EXCEPTIONAL CIRCUMSTANCES

**Summary of Stationary/Area Source Committee Recommendations on
Exceptional Circumstance Requests - February 17, 1995**

Recommend for Approval:

State	Facility/Unit Requesting Exceptional Circumstance	Recommendation/ Comments on Claim	Facility/Unit Actual 5 Month 1990 NOx (Tons)	Facility/Unit Requested Increase	Facility/Unit Total NOx Request
Delaware	Delmarva/Edge Moor #5	Yes	1436.8	80.0	1516.8
Massachusetts	Brayton Point/Unit #3	Yes	6922.0	963.0	7885.0
New Hampshire	Merrimack Sta./Unit #2	Yes	7139.2	1631.0	8770.2
New Jersey	General Motors	Yes/State Decision Pending	0.0	24.4	24.4
New Jersey	Bayway Refinery	Yes/State Decision Pending	423.3	424.1	847.4
New York	Kodak Park/Unit # 15	Yes	4463.0	740.0	5203.0
Pennsylvania	BP Oil/Oil Refinery	Yes	189.0	63.0	252.0
Pennsylvania	West Penn/Hatfield #3	Yes	4217.0	2846.0	7063.0
Pennsylvania	Penelac/GPU - Homer City #1	Yes	6793.0	543.0	7336.0
Virginia	Virginia Power	Yes	2521.2	332.0	2853.2
Total Request:			34104.5	7846.5	41751.0

May Deserve Further Consideration *:

New Jersey	Vineland Utility	Determination Pending *	—	117.4	117.4
Pennsylvania	Cheswick	Determination Pending *	4538.0	332.0	4870.0
Pennsylvania	Eirama	Determination Pending *	3196.0	1794.0	4990.0

* Possible exceptional circumstance, however, not adequately documented.

Hold for further consideration.

No Recommendation:

Maryland	Brandon Shores Utility	New Source in 1990; Did not operate during 5-month period. Has not been forwarded by Maryland as an exceptional circumstance. Emissions estimated at 3576 tons for 5-month period.
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Exceptional Circumstance Summary Table Including Stationary/Area Source Recommendations - 2/17/95

State	Facility/Unit Requesting Exceptional Circumstance	Type of Circumstance Claimed	Recommendation\\Comments on Claim	Summer (May-Sept./5-month) Tons of NOx			State EC Request
				Facility/Unit Actual 1990 NOx	Facility/Unit EC Req'd. Increases	Facility/Unit Total with EC	
DE	Delmarva/Edge Moor #5	out of operation for 2-months	Yes	1436.8	80.0	1516.8	80.0
MD	BGE H.A. Wagner #4	planned shutdown/50% norm. fuel usage	No; Insuff. info./justification	852.4	723.0	1675.4	
MD	Delmarva/Unit #8	extended planned and forced outages	No; insuff. info./justification	281.7	184.6	466.3	907.6
MA	Brayton Point/Unit #3	shift in outage period & startup problems	Yes	6922.0	963.0	7885.0	963.0
NH	Merrimack Sta./Unit #2	abnormal outage	Yes	7139.2	1631.0	8770.2	1631.0
NJ	Atlantic Electric	2 facilities w abnormal operations	No; Insuff. info./justification	--	57.4	57.4	
NJ	Vineland Utility	compliance testing	Determination Pending *	--	117.4	117.4	
NJ	JCP&L	equipment outage	No; insuff. info./justification	269.2	313.1	602.3	
NJ	General Motors	retooling in 1990	Yes/State Decision Pending	0.0	24.4	24.4	
NJ	Bayway Refinery	changing ownership	Year/State Decision Pending	423.3	424.1	847.4	936.4
NY	Kodak Park/Unit # 15	abnormal outage/boiler tube replacement	Yes	4463.0	740.0	5203.0	740.0
PA	Archibald/Cogen.	equipment changes in 1990	No; Insuff. info./justification	5.0	17.0	22.0	
PA	Foster Wheeler/Cogen.	equipment/startup problems	No; insuff. info./justification	27.0	70.0	97.0	
PA	Schuylkill Energy Res.	startup at 70% capacity/anticipate 90%	No; Insuff. Info./justification	176.0	69.0	245.0	
PA	Wheelabrator	Operational problems/limited capacity	No; insuff. Info./justification	109.0	49.0	158.0	
PA	BP Oil/Oil Refinery	#7 boiler 60 day maintenance outage	Yes	189.0	63.0	252.0	
PA	PECO Energy/6 facilities	4 lower operation/2 higher than normal	No; insuff. info./justification	4688.0	503.0	5191.0	
PA	West Penn/Hatfield #3	extended outage/generation outside OTR	Yes	4217.0	2846.0	7063.0	
PA	Penelec/GPU - 3 facilities: Keystone Unit Front Street/Units 7 & 8 Horner City/Unit 1	non-summer outage	No; for info. purpose only	--	--	--	
		shutdowns	No; Insuff. Info./justification	36.0	80.0	116.0	
		EPRI experimental	Yes	6783.0	543.0	7336.0	
PA	Duquesne Light - 4 facilities: Brunot Island facility Phillips facility Cheswick Elrama	cold reserve	No; Insuff. Info./justification	0.0	515.0	515.0	
		cold reserve	No; Insuff. Info./justification	0.0	3747.0	3747.0	
		lower than avg. operations & more NUGs	Determination Pending *	4538.0	332.0	4870.0	
		lower than avg. operations & more NUGs	Determination Pending *	3198.0	1794.0	4990.0	10628.0
VA	Virginia Power	abnormal power demand & more NUGs	Yes; modifying tonnage	2521.2	332.0	2853.2	332.0
TOTAL		DE, MD, MA, NH, NJ, NY, PA & VA		48402.8	16218.0	64620.8	16218.0

* Possible exceptional circumstance, however, not adequately documented. Hold for further consideration

Note: Total for DE, MD, MA, NH, NJ, NY, PA & VA = 434644 tons NOx (calc'd as of 2/17/95)

OTR Total (does not include EC) = 467573 tons NOx (calc'd as of 2/17/95)

APPENDIX H
10,000 TON RESERVE

OZONE TRANSPORT COMMISSION

Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, District of Columbia

Bruce S. Carhart, Executive Director
444 N. Capitol Street, N.W., Suite 604 • Washington, D.C. 20001

Phone: (202) 508-3840
Fax: (202) 508-3841

Ms. Mary Nichols
Assistant Administrator for Air and Radiation
U.S. Environmental Protection Agency (ANR-443)
401 M St., S.W.
Washington, DC 20460

June 15, 1995

Dear Ms. Nichols:

On March 1, 1995, I sent to you information relating to the baseline of nitrogen oxides (NOx) emissions data that the Ozone Transport Commission (OTC) developed in response to its Memorandum of Understanding on stationary sources of NOx approved on September 27, 1994. As a part of that transmittal, I indicated that the OTC planned to modify the baseline with appropriate quality assurance-related adjustments, and could modify the baseline to accommodate unresolved issues. I indicated at that time that these unresolved issues were not expected to exceed 10,000 tons (for a five-month ozone season) across the Ozone Transport Region (OTR).

Since that transmittal, the OTC Stationary/Area Source Committee discussed all of these issues, including the potential reactivation of cold reserve units, and made recommendations to the OTC; the adjustments associated with the 10,000 ton reserve and the treatment of cold reserve units were both limited to Phase II of the NOx MOU. All of these recommendations were accepted by the OTC at its Annual Meeting in Providence, Rhode Island, on June 13, 1995.

Enclosed is a summary of the specific modifications made by the OTC (Attachment 1), which includes a summary of the baseline by State. I have also enclosed a discussion (Attachment 2) of how specifically the adjustments were made and how a small number of cold reserve units will be treated. Should there be any questions, feel free to call me at (202) 508-3840.

Sincerely yours,



Bruce S. Carhart
Executive Director

cc: All OTC Members
OTC Stationary/Area Source Committee Members
Bill Becker, STAPPA/ALAPCO
Jason Grumet, NESCAUM
Jim Hambright, MARAMA

Summary of NOx Baseline Adjustments
Five Month NOx Emissions by State and Zone for All Baseline Sources
June 15, 1995

State	Inner Zone			Outer Zone			Northern Zone			10,000 Ton Reserve	Phase II Baseline
	March 1 Baseline	E/C Adjust.	Q/A Adjust.	March 1 Baseline	E/C Adjust.	Q/A Adjust.	March 1 Baseline	E/C Adjust.	Q/A Adjust.		
Connecticut	11,203									344	11,547
Delaware	6,017	80		7,163						86	13,346
Dist. of Columbia	576									43	619
Maine							4,419			129	4,548
Maryland	50,924			4,067						3,576	58,567
Massachusetts	40,367	963								602	41,932
New Hampshire	13,330	1,631	(384)							129	14,706
New Jersey	44,360	449								817	45,626
New York	42,716			42,071	740	(589)	287			1,847	87,072
Pennsylvania	8,605	63	16	189,854	3,389	1,164				2,126	205,217
Rhode Island	1,100		(1)							86	1,185
Vermont							30			43	73
Virginia (No.)	5,800	332	(1)							172	6,303
Total:	224,998	3,518	(370)	243,155	4,129	575	4,736			10,000	490,741

Q/A = Emissions changes due to application of Quality Assurance procedures since February 28, 1995

E/C = Exceptional Circumstances accepted by February 28, 1995

NOTE - The 10,000 ton reserve expires at the end of Phase II,
leaving a Phase III baseline of 480,741 tons.

Summary of Adjustments to the NOx Baseline

Consistent with the Stationary Source NOx MOU of September 27, 1994, a NOx emission baseline has been developed and sent to EPA by March 1, 1995, with the understanding that an additional 10,000 tons of NOx had been held in reserve for further consideration and that additional quality assurance adjustments were being made. The 10,000 ton reserve was intended to be used to accommodate unresolved issues with the recognition that this reserve emissions would expire with the start of Phase II of the MOU. Additional attention to quality assurance of the baseline was necessary to ensure the accuracy of the emissions data. These determinations and adjustments were to be proposed by the OTC 1995 Annual meeting.

The Stationary/Area Source Committee recommends the following uses of the reserve and adjustments to the baseline due to quality assurance refinements.

Use of 10,000 ton NOx Reserve in the OTC Baseline

In accordance with the OTC's decision at its February 28, 1995 meeting, all of the baseline's 10,000 ton and cold reserve adjustments apply only to the 1999-2003 period. It is proposed that the 10,000 ton NOx reserve be distributed according to the following criteria:

- * Maryland - 3576 tons (Brandon Shores unit introduction to service in 1990)
- * Pennsylvania - 2126 tons (Cheswick - 332 tons, and Elrama - 1794 tons requests for exceptional circumstances)
- * Remaining portion of the reserve $[(10,000 - (3576 + 2126)) = 4298]$ distributed to other States in the OTR. Remaining OTR States receive a portion of the reserve according to their 1990 population as a percentage of the OTR States' total population less Maryland and Pennsylvania population.

<u>State</u>	<u>Tons</u>
Connecticut	344
Delaware	86
District of Columbia	43
Maine	129
Massachusetts	602
New Hampshire	129
New Jersey	817
New York	1847
Rhode Island	86
Vermont	43
Virginia (Northern)	172
Sub Total:	4298

Treatment of Cold Reserve Units in NOx Baseline

A limited adjustment to the baseline, independent of distribution of a 10,000 ton NOx reserve, is proposed for plants identified as being in "cold reserve" during 1990. Allocation attributable to any adjustment for such a unit would not be tradable. Only two candidate plants have been identified, both in

Pennsylvania - Brunot Island and Phillips facilities. Cold reserve units are defined as plants operating before 1990, but not in 1990, and conform to the following criteria:

- * Units in this status were to have been identified by the appropriate State by no later than May 24, 1995.
- * Plant has continuously maintained regulatory status allowing its operation; and
- * Plant assumes full operation prior to activation of Phase III of the MOU; and
- * Plant conforms to Phase II emission reduction requirements.
- * Annual statements that all regulatory requirements necessary to allow operation are being met could be required.

Quality Assurance Adjustments

The States and EPA have continued to apply quality assurance protocols to the NOx Baseline Data Base. Through these efforts adjustments have been tracked and proposed for inclusion in the NOx Baseline Data Base. As a result, there is a net change of 205 additional tons (0.04% of the 3/1/95 Baseline) proposed for inclusion as 1990 emissions (see attached table).

APPENDIX I
PROCEDURES DOCUMENT

PROCEDURES FOR DEVELOPMENT OF THE OTC NO_x BASELINE EMISSION INVENTORY

FINAL DOCUMENT

Prepared for:

**Baseline Review Group
Stationary/Area Source Committee
Ozone Transport Commission**

Prepared by:

**Emission Factor and Inventory Group
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711**

**E.H. Pechan & Associates, Inc.
5537-C Hempstead Way
Springfield, VA 22151**

December 20, 1994

This document was approved by the Ozone Transport Commission Stationary/Area Source Committee on December 15, 1994.

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ACKNOWLEDGEMENT

Several people contributed to the completion of this procedures document. State air quality personnel contributing to this process are: Duane King of Maryland, Ray Papalski of New Jersey, and Rob Sliwinski of New York. Contributors at EPA include David Mobley, Chet Wayland, Barry Gilbert, and Roy Huntley. Contributors from E.H. Pechan & Associates, Inc. include Erica Laich, Susy Rothschild, and Gregory Stella.

I. INTRODUCTION

The objective of this effort is to compile and quality assure a data base, by March 1, 1995, of NO_x emissions from fossil fuel fired boilers and indirect heat exchangers greater than or equal to 250 MMBtu/Hr capacity and electric generating units greater than or equal to 15 MW in the Northeast Ozone Transport Region (OTR). Emissions for the period May 1 through September 30, 1990 (referred to as the five month summer season) will also be compiled and will be used as a basis for emission reduction targeting and trading.

It is the States' responsibility to quality assure the inventory data and ensure that it is submitted to EPA within the scheduled timeframe. EPA is responsible for compiling the integrated data base from the individual State submittals. The OTC Stationary/Area Source Committee is coordinating policy issues. The Baseline Review Group represents utilities and industries affected by the emission reduction targeting and environmental concerns. The Baseline Review Group may review and comment on inventory data and the process to develop this data. State and EPA personnel integral to this effort are shown in Appendix A. Baseline Review Group members are shown in Appendix B.

The schedule for the completion of the data base is shown in Figure 1. EPA has developed the default data base which will be used in the event a State does not submit their inventory data as required. The default OTC NO_x data base is based on the Interim 1990 Emission Inventory which is used as the basis for ROM modeling and EPA's Emission Trends Report.

All inventory data, including the default OTC NO_x Inventory, will be available to all interested parties through the OAQPS Technology Transfer Network:

- OAQPS TTN
- Phone (919) 541-5742
- CHIEF Bulletin Board
- Inventory DataBases/Programs
- Ozone Transport Commission - NO_x

Two data bases of NO_x inventory data will be compiled in support of the development of the NO_x baseline for the OTR. The first data base will represent actual 1990 operation for the five month summer season. The second data base will include data on sources whose 1990 operating condition is deemed exceptional. This document describes the process through which these data bases will be developed. This document also provides guidance to the States and sources on quality assurance, selecting emission factors, developing the five month emission estimate, and determination of exceptional circumstances.

The second section of this document outlines the process through which the baseline NO_x inventory will be completed. Included in this section is a timeline and instructions on submitting changes to the baseline inventory. The third section of this document addresses quality assurance checks on the 1990 Inventory. The fourth section of the guidance addresses changes to the actual 1990 inventory. The last section of this document provides guidance on determining sources which are considered exceptional and outlines the data required for these sources.

Figure 1
Development of OTC NO_x Emission Data Base

	Target Date
1. OTC determines calculation approach, emission estimation approach, data elements, and format.	11/04
2. States submit initial data (currently available) to EPA.	11/18
3. EPA develops default data base from Interim Inventory and provides to States for review.	11/18
4. EPA compiles initial data base and provides to States for review.	12/02
5. OTC/EPA proposes quality assurance protocol and procedure for modifying data.	12/02
6. States quality assure the initial and default data bases.	12/02 - 01/15
7. Sources return comments to States.	01/06
8. State data available for public review.	12/07 - 01/15
9. States submit data revisions.	01/15
10. EPA compiles final data base.	02/01
11. States/OTC/Baseline Review Group conducts final data review.	02/01 - 03/01
12. Calculate emission reduction targets.	03/01
13. Manage trades.	> 03/01

II. PROCESS TO DEVELOP 1990 BASELINE INVENTORY

The starting point for the actual 1990 OTC Baseline NO_x Emission Inventory is the SIP inventories and annual reporting of emissions from major point sources submitted to EPA by each State. These inventories have undergone quality assurance by both the States and, in some cases, the individual sources (facilities). Therefore, minimal changes are expected to the actual inventory data elements with the exception of providing data on five month activity levels. All baseline data and any proposed changes will be subject to review by any member of the Baseline Review Group, EPA, or State air pollution personnel. All data will be considered public information which may be released by the State to interested parties.

A data base of exceptional circumstances will also be developed. This is broadly defined as sources which did not operate in 1990 or sources whose operation in 1990 was atypical. This data will be stored in a separate data base from the actual 1990 OTC Baseline NO_x Emission Inventory. The goal of this data base is to provide information on sources whose operation in 1990 varied significantly from normal operation which results in a significant impact on the total NO_x emission level for the entire OTR or for a particular State.

The States' original submittal to EPA is based on SIP and annual reporting data. A number of data elements which are needed to establish the baseline and emission reduction targets are therefore missing from this inventory. These include:

- Five month activity levels and emissions
- RACT emission limits and emissions (may be used in determining emission reduction targets)

In addition, the States must indicate which sources included in the data base are not affected and add any missing sources which are considered affected sources. For the purposes of establishing the baseline, an affected source is any fossil fuel fired boilers and indirect heat exchangers greater than 250 MMBtu/Hr capacity and electric generating units greater than or equal to 15 MW. This is discussed further under Section III (Quality Assurance).

Figure 2 lists the data elements included in the actual 1990 OTC Baseline NO_x Emission Inventory. This details which data elements originate from in the initial State inventories, which data elements are determined or calculated by EPA based on the State data; which data elements must be provided by the States, and suggests which data elements should be reviewed by the States. Monthly data is also requested for NO_x for quality assurance of the five month data. Additional information on the development of five month activity levels is provided in Section IV.

Figure 2 also includes additional data elements requested from the States which are not integral to the development of the baseline NO_x inventory. These data elements are included in the initial State submittals. It is EPA's intent to develop a comprehensive 1990 emission inventory from this data for use in modeling efforts. This data will become publicly available when released by the States.

Figure 2
Actual 1990 OTC Emission Database Structure

Field Name	Type	Length	Decimal	Description	Source
PLANT LEVEL					
AFFECTED	C	1		Affected Unit (Y/N)	EPA Determined/States to Provide
STATE_CODE	C	2		FIPS State Code	Base Inventory Data
CNTY_CODE	C	3		FIPS County Code	Base Inventory Data
PLANT_ID	C	5		AFS Plant ID	Base Inventory Data
1 ORISID	C	5		ORIS ID	EIA-767 Match
STATEABB	C	2		State Abbreviation	EPA Provided
CNTYNAME	C	35		County Name	EPA Provided
ZONE	C	1		OTC Zone (I=Inner / O=Outer / N=Northern)	EPA Provided
CLASS	C	10		Ozone Nonattainment Classification	EPA Provided
1 UTILITY	C	30		Utility Name	EIA-767 Match
PLANT	C	20		Plant Name	Base Inventory Data
SIC	C	4		SIC Code	Base Inventory Data
INV_YEAR	C	2		Inventory Year	Base Inventory Data
INV_TYPE	C	1		Inventory Type (A=Actual / I=Interim (default))	EPA Provided
POINT LEVEL					
POINT	C	3		State Point ID	Base Inventory Data
1 BOILER	C	5		DOE Boiler ID	EIA-767 Match
HRSPERDAY	N	2	0	Hours Per Day	Base Inventory Data
DAYSPERWK	N	1	0	Days Per Week	Base Inventory Data
HRSPERYR	N	4	0	Hours Per Year	Base Inventory Data
DEC_FEB	N	2	0	Dec-Feb Activity	Base Inventory Data
MAR_MAY	N	2	0	Mar-May Activity	Base Inventory Data
JUN_AUG	N	2	0	Jun-Aug Activity	Base Inventory Data
SEP_NOV	N	2	0	Sep-Nov Activity	Base Inventory Data
2 ACTIV_5MO	N	5	3	5-Month Activity Factor	EPA Calculated/States to Provide
2 METH_SMO	C	1		5-Month Activity Methodology	EPA Calculated/States to Provide
3 DSGN_CAP	N	5	0	Design Capacity (MMBtu/hr)	Base Inventory Data
SPACE_HEAT	N	4	1	Space Heat Percentage	Base Inventory Data
3 CAP_UNITS	C	1		Design Capacity Units	Base Inventory Data
DSGNCON	C	1		Point Level Confidentiality	Base Inventory Data
4 BOTTOM	N	2	0	Bottom Type	State to Provide
4 FIRING	N	3	0	Firing Type	State to Provide
STACK LEVEL					
STACK_TEMP	N	4	0	Stack Temperature (degrees F)	Base Inventory Data
STACKHT	N	4	0	Stack Height (ft)	Base Inventory Data
PLUMEHT	N	4	0	Plume Height (ft)	Base Inventory Data
STACK_FLOW	N	7	0	Stack Flow Rate (ft^3/min)	Base Inventory Data
STACK_VEL	N	5	1	Stack Velocity (ft/sec)	Base Inventory Data
STACK_DIAM	N	5	2	Stack Diameter (ft)	Base Inventory Data
LATITUDE	N	7	4	Latitude (Decimal Degrees)	Base Inventory Data
LONGITUDE	N	7	4	Longitude (Decimal Degrees)	Base Inventory Data
SEGMENT LEVEL					
SCC_CODE	C	8		Source Classification Code	Base Inventory Data
SULFUR	N	6	3	% Sulfur Content	Base Inventory Data
ASH	N	5	2	% Ash Content	Base Inventory Data
3 HEAT	N	8	2	Fuel Heat Content (MMBtu/SCC unit)	Base Inventory Data/States to Convert
2 HEAT_SMO	N	8	2	5-Month Fuel Heat Content (MMBtu/SCC unit)	EPA Calculated/States to Provide
3 FUEL_PROC	N	8	1	Fuel Use (SCC units)	Base Inventory Data/States to Convert
3 FUEL_RATE	C	40		Fuel Use Units	Base Inventory Data/States to Provide
3 FUEL_SCC	C	1		Fuel Use Units Consistent With SCC Units (Y/N)	Base Inventory Data/States to Provide
2 FUEL_PROC5	N	8	1	5-Month Fuel Use (SCC units)	EPA Calculated/States to Provide
HTINPUT	N	12	0	Heat Input (MMBtu)	EPA Calculated
2 HTINPUT_5M	N	12	0	5-Month Heat Input (MMBtu)	EPA Calculated/States to Provide
ACTIV OSD	N	7	5	Ozone Season Daily Activity Factor	Base Inventory Data
SEGCON	C	1		Segment Level Confidentiality	Base Inventory Data

Figure 2
Actual 1990 OTC Emission Database Structure

Field Name	Type	Length	Decimal	Description	Source
POLLUTANT LEVEL					
CTRL_EQ_1	C	3		Primary NOx Control Equipment	Base Inventory Data
CTRL_EQ_2	C	3		Secondary NOx Control Equipment	Base Inventory Data
CTRLEQ_EFF	N	6	3	NOx Control Efficiency	Base Inventory Data
EST METH	C	1		AIRS Estimation Method Code - NOx	Base Inventory Data
EMF_AP42	N	7	3	AP-42 Emission Factor - NOx	EPA Provided
EMF_UNIT	C	20		AP-42 Emission Factor Units - NOx	EPA Provided
EMF_STATE	N	7	3	State Provided Annual NOx Emission Factor	State to Provide
EMF_SMO	N	7	3	State Provided 5-Month NOx Emission Factor	State to Provide
EMF_HIER	C	2		Emission Factor Hierarchy Code - NOx	State to Provide
COMMENT	C	20		Emission Factor Comments - NOx	State to Provide
RULE_EFF	N	3	0	NOx Rule Effectiveness	Base Inventory Data
EMISS_ANN	N	11	3	Annual NOx Emissions (tons)	Base Inventory Data
2 EMISS_SMO	N	11	3	5-Month NOx Emission (tons)	EPA Calculated/States to Provide
EMISS OSD	N	11	3	Ozone Season Day NOx Emissions (tons)	Base Inventory Data
EMRATE	N	7	5	Annual NOx Emission Rate (lbs/MMBtu)	EPA Calculated
2 EMRAT_SMO	N	7	5	5-Month NOx Emission Rate (lbs/MMBtu)	EPA Calculated
5 EMRAT_RACT	N	7	5	Annual RACT NOx Emission Rate (lbs/MMBtu)	State to Provide
5 EMISS_RACT	N	11	3	Annual RACT NOx Emissions (tons)	State to Provide
2 EMISS5_RACT	N	11	3	5-Month RACT NOx Emissions (tons)	State to Calculate
EMISS_15	N	11	3	Annual 0.15 lbs/MMBtu Limit NOx Emissions (tons)	EPA Calculated
2 EMISS5_15	N	11	3	5-Month 0.15 lbs/MMBtu Limit NOx Emissions (tons)	EPA Calculated
EMISS_20	N	11	3	Annual 0.20 lbs/MMBtu Limit NOx Emissions (tons)	EPA Calculated
2 EMISS5_20	N	11	3	5-Month 0.20 lbs/MMBtu Limit NOx Emissions (tons)	EPA Calculated
EMISS_55	N	11	3	Annual 55% Reduction NOx Emissions (tons)	EPA Calculated
2 EMISS5_55	N	11	3	5-Month 55% Reduction NOx Emissions (tons)	EPA Calculated
EMISS_65	N	11	3	Annual 65% Reduction NOx Emissions (tons)	EPA Calculated
2 EMISS_65	N	11	3	5-Month 65% Reduction NOx Emissions (tons)	EPA Calculated
EMISS_75	N	11	3	Annual 75% Reduction NOx Emissions (tons)	EPA Calculated
2 EMISS_75	N	11	3	5-Month 75% Reduction NOx Emissions (tons)	EPA Calculated
6 PHASE2	N	11	3	Annual Phase II NOx Emissions (tons)	EPA to Calculate with State Data
2.6 PHASE2_SMO	N	11	3	5-Month Phase II NOx Emissions (tons)	EPA to Calculate with State Data
6 PHASE3	N	11	3	Annual Phase III NOx Emissions (tons)	EPA to Calculate with State Data
2.6 PHASE3_SMO	N	11	3	5-Month Phase III NOx Emissions (tons)	EPA to Calculate with State Data
ADDITIONAL POLLUTANT LEVEL DATA					
(Not needed for development of OTC NOx baseline, but requested for development of comprehensive OTC inventory)					
VOC	VCTRL_EQ_1	C	3	Primary VOC Control Equipment	Base Inventory Data
	VCTRL_EQ_2	C	3	Secondary VOC Control Equipment	Base Inventory Data
	VCTRLEQ_EFF	N	6	VOC Control Efficiency	Base Inventory Data
	VEST METH	C	1	AIRS Estimation Method Code - VOC	Base Inventory Data
	VRULE_EFF	N	3	VOC Rule Effectiveness	Base Inventory Data
	EMISS_VOC	N	11	Annual VOC Emissions (tons)	Base Inventory Data
	EMISS_VOSD	N	11	Ozone Season Day VOC Emissions (tons)	Base Inventory Data
CO	CCTRL_EQ_1	C	3	Primary CO Control Equipment	Base Inventory Data
	CCTRL_EQ_2	C	3	Secondary CO Control Equipment	Base Inventory Data
	CCTRLEQ_EFF	N	6	CO Control Efficiency	Base Inventory Data
	CEST METH	C	1	AIRS Estimation Method Code - CO	Base Inventory Data
	CRULE_EFF	N	3	CO Rule Effectiveness	Base Inventory Data
	EMISS_CO	N	11	Annual CO Emissions (tons)	Base Inventory Data
	EMISS_COSD	N	11	Ozone Season Day CO Emissions (tons)	Base Inventory Data
	EMISS_CTWD	N	11	Typical Winter Day CO Emissions (tons)	Base Inventory Data
SO2	SCTRL_EQ_1	C	3	Primary SO2 Control Equipment	Base Inventory Data
	SCTRL_EQ_2	C	3	Secondary SO2 Control Equipment	Base Inventory Data
	SCTRLEQ_EFF	N	6	SO2 Control Efficiency	Base Inventory Data
	SEST METH	C	1	AIRS Estimation Method Code - SO2	Base Inventory Data
	EMISS_SO2	N	11	Annual SO2 Emissions (tons)	Base Inventory Data
PM-10	PCTRL_EQ_1	C	3	Primary PM-10 Control Equipment	Base Inventory Data
	PCTRL_EQ_2	C	3	Secondary PM-10 Control Equipment	Base Inventory Data
	PCTRLEQ_EFF	N	6	PM-10 Control Efficiency	Base Inventory Data
	PEST METH	C	1	AIRS Estimation Method Code - PM-10	Base Inventory Data
	EMISS_PM10	N	11	Annual PM-10 Emissions (tons)	Base Inventory Data

Figure 2
Actual 1990 OTC Emission Database Structure

Field Name	Type	Length	Decimal	Description	Source
MONTHLY DATA					
7 FUEL_JAN	N	8	1	January Fuel Use (SCC units)	State Provided
7 FUEL_FEB	N	8	1	February Fuel Use (SCC units)	State Provided
7 FUEL_MAR	N	8	1	March Fuel Use (SCC units)	State Provided
7 FUEL_APR	N	8	1	April Fuel Use (SCC units)	State Provided
7 FUEL_MAY	N	8	1	May Fuel Use (SCC units)	State Provided
7 FUEL_JUN	N	8	1	Jun Fuel Use (SCC units)	State Provided
7 FUEL_JUL	N	8	1	July Fuel Use (SCC units)	State Provided
7 FUEL_AUG	N	8	1	August Fuel Use (SCC units)	State Provided
7 FUEL_SEP	N	8	1	September Fuel Use (SCC units)	State Provided
7 FUEL_OCT	N	8	1	October Fuel Use (SCC units)	State Provided
7 FUEL_NOV	N	8	1	November Fuel Use (SCC units)	State Provided
7 FUEL_DEC	N	8	1	December Fuel Use (SCC units)	State Provided
7 HEAT_JAN	N	8	2	January Heat Content (MMBtu/SCC units)	State Provided
7 HEAT_FEB	N	8	2	February Heat Content (MMBtu/SCC units)	State Provided
7 HEAT_MAR	N	8	2	March Heat Content (MMBtu/SCC units)	State Provided
7 HEAT_APR	N	8	2	April Heat Content (MMBtu/SCC units)	State Provided
7 HEAT_MAY	N	8	2	May Heat Content (MMBtu/SCC units)	State Provided
7 HEAT_JUN	N	8	2	June Heat Content (MMBtu/SCC units)	State Provided
7 HEAT_JUL	N	8	2	July Heat Content (MMBtu/SCC units)	State Provided
7 HEAT_AUG	N	8	2	August Heat Content (MMBtu/SCC units)	State Provided
7 HEAT_SEP	N	8	2	September Heat Content (MMBtu/SCC units)	State Provided
7 HEAT_OCT	N	8	2	October Heat Content (MMBtu/SCC units)	State Provided
7 HEAT_NOV	N	8	2	November Heat Content (MMBtu/SCC units)	State Provided
7 HEAT_DEC	N	8	2	December Heat Content (MMBtu/SCC units)	State Provided

- 1 States should match State data with Form EIA-767 boiler data. This step will be completed after the data is released to the States and the public. These data elements will therefore be blank in Version 1 of the State Inventories.
- 2 States should provide source specific data where possible. For utilities, may be based on Form EIA-767 if appropriate matches are completed by States/EPA. The five month data will be initially calculated as follows:

5 Month Activity Factor:	Summer season activity plus one-third of each of spring and fall season activities
Heat Content:	Annual value will be used
Fuel Use:	Annual fuel use multiplied by five month activity factor
Heat Input:	Five month fuel use multiplied by five month heat content
Emissions	Category annual emissions multiplied by five month activity factor
- 3 This data should be converted by the States to match SCC units for consistency.
- 4 This data should be provided by the States to EPA. If not provided, will be based on Interim Inventory where matches have been identified.
- 5 RACT emissions and emission rates are to be provided by the States based on State RACT regulations
- 6 Phase 2 and Phase 3 emissions will be calculated by EPA when RACT emissions and emission rates are provided by the States
- 7 Monthly data needed for quality assurance of five month data.

Note: Inventory codes can be found in Appendix I

The process that the sources follow for modifying the 1990 data (both the actual and exceptional circumstances) should conform to the steps outlined in this document whenever possible. Three forms are included--two for the sources that will be submitted along with appropriate documentation. The third form is a tracking form or log for the State's use. Please note that all data will be considered public information. Because the schedule -- from compilation of the initial default data base to production of the final base -- spans only two months as shown in Figure 1, it is especially important that a concentrated effort be made to make informed and well-documented decisions regarding the data to be accepted. Therefore, the following guidelines are proposed:

1. The Baseline Review Group, States, and EPA should provide as much information to the sources as possible so that the utilities and industry will be made aware of the existence of the review period, the procedures to be followed, and the time constraints in place. The sources should be clearly informed that if they do not avail themselves of the opportunity to change the data within this time frame, the State will determine which methodology and data to use. Materials describing the process to be followed, as well as appropriate forms (see Tables 1 and 2) to be submitted to the States for review, should also be easily available to the sources. Inventory data will be provided by EPA to the sources via the OAQPS CHIEF Bulletin Board (see Section I for details).
2. Utility/Industry Submittal Responsibilities

When an error in the actual data has been detected, the State representative should be contacted and provided with a filled out Baseline Data Change Form (see Table 1) accompanied by documentation. The nature of the documentation depends upon the data element that needs modification.

- a. If the error results from a typo, the correct information should be provided by including "official" utility/industry/State reports that indicate the correct value.
- b. If the error is with the fuel quantity or quality, operating reports can be used to provide documentation. If the fuel quantity or quality differs from that reported to EIA, the corrected values should be submitted to EIA.
- c. If the error is with the source classification code (SCC) assigned to a fuel, operating reports, fuel processing reports, or reports from inspectors in the field can be provided to show the correct information.
- d. If a different emission factor than the one originally used to calculate emissions is desired, the source can provide data for a better emission factor method (as specified by the emission factor hierarchy in this document) and include reports that support this thesis.
- e. If exceptional circumstances are petitioned for, the documentation will have to support the definitions delineated under the "exceptional circumstances" section of this document.

Table 1
1990 State NO_x Baseline Data Change Form

6

No.	Variable	Original Value	Proposed Value	Value Accepted
1	Utility ORIS ID plant code			
2	EPA ID			
3	State ID plant Code			
4	Plant Name			
5	Boiler ID			
6	Stack ID			
7	Utility Name			
8	Annual Emission Factor Value			
9	Annual Emission Factor Units			
10	Emission Factor Hierarchy Code			
11	Annual Coal Use (k tons)			
12	Annual Oil Use (k gal)			
13	Annual Gas Use (MMcf)			
14	Annual Coal Heat Content (MMBtu/SCC unit)			
15	Annual Oil Heat Content (MMBtu/SCC unit)			
16	Annual Gas Heat Content (MMBtu/SCC unit)			
17	5 Mo Coal Use			
18	5 Mo Oil Use			
19	5 Mo Gas Use			
20	5 Mo Coal Heat Content			
21	5 Mo Oil Heat Content			
22	5 Mo Gas Heat Content			
23	State			
24	Other			

REFERENCE # _____ (e.g., NH1 [State plus sequential number], corresponds to State Tracking Log)

NOTES:

COMMENTS:

RESOLUTION:

Table 2
1990 State NO_x Exceptional Circumstances Submittal Form

No.	Variable	Original Value	Proposed Value	Value Accepted
1	Utility ORIS ID plant code			
2	EPA ID			
3	State ID plant Code			
4	Plant Name			
5	Boiler ID			
6	Stack ID			
7	Utility Name			
8	Annual Emission Factor Value			
9	Annual Emission Factor Units			
10	Emission Factor Hierarchy Code			
11	Annual Coal Use (k tons)			
12	Annual Oil Use (k gal)			
13	Annual Gas Use (MMcf)			
14	Annual Coal Heat Content (MMBtu/SCC unit)			
15	Annual Oil Heat Content (MMBtu/SCC unit)			
16	Annual Gas Heat Content (MMBtu/SCC unit)			
17	5 Mo Coal Use			
18	5 Mo Oil Use			
19	5 Mo Gas Use			
20	5 Mo Coal Heat Content			
21	5 Mo Oil Heat Content			
22	5 Mo Gas Heat Content			
23	State			
24	Other			

REFERENCE # _____

REASONS FOR EXCEPTIONS:

COMMENTS:

RESOLUTION:

3. State Review Responsibilities

After the Baseline Data Change Form or the Exception Data Submittal Form and accompanying documentation have been received by the State representative, there are several procedural items to consider.

- a. The modification item should be logged in so that all requests and their status can be continually tracked on a Tracking Log (see Table 3). The data change requests should be reviewed and evaluated with regard to its effect upon the State NO_x emissions total in relation to the State SIP cap.
- b. If the modification involves a typo, it should be straightforward to determine whether it is legitimate.
- c. If a fuel quantity or quality modification is requested, there should be sufficient reports that, in conjunction with background knowledge, should allow the State to make an appropriate determination. It is the States responsibility to match State inventory data with Form EIA-767 boiler data. These matches should be provided to EPA. If the fuel quantity or quality used in the State inventory differs from that on Form EIA-767, the source should re-submit this information to EIA.
- d. If a different emissions factor is applied for, it is incumbent upon the State reviewer to determine whether this alternate EF is representative of 1990 and whether it has been previously approved (or should be presently approved) for use in calculating 1990 NO_x emissions. Past experience, good judgment, and consistency with regard to the emission factor hierarchy should be entered into the decision regarding data acceptance. States should clearly indicate if an emission factor with a lower rank on the hierarchy is utilized if data are available for a factor with a higher preference. For example, CEMS data for the summer of a year other than 1990 may be judged to be more representative of the 1990 five month summer period than actual 1990 CEMS data for the fall or winter. A justification indicating this should be provided to support the decision.
- e. If exceptional circumstances have been applied for, the State will have to determine whether the criteria explicated in the "Exceptional Circumstances" section of this document have been met.
- f. The State should determine the deadline for source submittal of forms for data modifications. It is strongly suggested that the sources in the State be notified that modifications to the data or additional data be considered if the supporting materials are clearly specified, complete, and authoritative, and if the submission occurs no later than one week before the deadline for State submittal of the final data to EPA.
- g. The State will determine the fuel use methodology based upon the five month hierarchy and calculate the actual data values if no forms are submitted to the State. Default values have been calculated for the initial State inventories based on the seasonal thruput percentages (see Figure 2).

Table 3
State Tracking Log

- h. The State should inform the source in writing of the decision regarding data modification and reason for the decision. One way to provide the information is to send back a copy of the original Baseline Data Change Form submitted, with the status filled in. Copies should be kept on record with the State. The State should also check the Tracking Log to ensure that all data modification requests are resolved.
 - i. The State, by January 15, 1995, should submit to EPA original five month data and modifications as well as exceptional circumstances data. If substantial changes will be submitted, it is requested that these be submitted in electronic form as changes to the OTC format NO_x data base which will be transferred to the States by December 2, 1994. Documentation should be available to the Baseline Review Group and the public upon request.

5. Final Data Base Production

The revised data base will be produced by EPA by February 1, 1995 after the States have submitted the final data modifications and additions by January 15, 1994. The period from February 1 to March 1 will be used for final review by the Baseline Review Group and approval/verification of each State and acceptance by the OTC Stationary/Area Source Committee.

III. QUALITY ASSURANCE

Data quality assurance is an integral part of developing the NO_x baseline for trading. Included in quality assurance are the elements of completeness as well as accuracy. The four steps listed below document the procedures that should be followed to ensure the consistency, completeness and accuracy of the baseline.

1. Completeness of Affected Sources

As stated in the MOU, States agree to "propose regulations and/or legislation for the control of NO_x emission from boilers and other indirect heat exchangers with a maximum gross heat input rate of at least 250 million BTU per hour". Based on discussions with the States in the OTC, the definition of the affected sources was determined to be fossil-fuel fired boilers and indirect heat exchangers greater than or equal to 250 million BTU's/hour and electric generating units greater than or equal to 15 megawatts. This also includes any peaking units that might exceed this limit. With this definition, fuels such as wood, process gas (non fossil fuel derived), solid and liquid waste, bagasse, and CO are eliminated as well as combustion devices in process heaters.

At this time, no affected units appear to be covered with Source Classification Codes (SCCs) beginning with numbers greater than 2. Appendix J contains the current list of SCCs which have been determined to be affected according to the above definition (sources with these SCCs must also meet the capacity requirements). There may be additional sources outside of these SCCs which should be covered in this baseline. These should be flagged by individual States for EPA to include in the baseline (see Figure 2). Therefore, it assumed that all sources meeting the criteria defined above will be included in the 1990 NO_x emission inventory to be used in establishing the NO_x baseline for trading under the MOU between the States in OTC. Any exceptions to this definition should be cleared through the OTC Stationary Source Committee prior to exclusion from the baseline.

2. Comparisons

In order to ensure that all sources are properly accounted for that meet the criteria for affected sources described above, comparisons should be made between the State baseline information and other compatible data bases. This is only an attempt to verify that individual sources in one data base are consistent with those sources in the NO_x baseline and to indicate possible errors in plant identification codes or missing or unreported data. In general, if a source is in the NO_x baseline inventory it should appear in the other comparable data bases. The comparisons that are recommended are listed below.

- 1) Comparison between the 1990 NO_x baseline inventory and the 1990 State SIP inventory.
- 2) Comparison between the 1990 NO_x baseline inventory and the 1990 DOE form 767 data base (for utility sources only).

- 3) Comparison between the 1990 NO_x baseline inventory and the 1990 EPA Interim Emission Inventory (default OTC Baseline Inventory). These data have been previously distributed to all OTC States for analyses.

The above comparisons should primarily be made to ensure completeness and accuracy of the 1990 NO_x baseline estimates. Any discrepancies between the baseline data and any of the comparable datasets should be further examined to ensure that an individual source was not accidentally omitted or that various data elements (throughput, heat content, stack parameters, emission factor, etc.) were not accidentally entered incorrectly. In theory, the baseline data and the 1990 State SIP data should be very similar for those sources meeting the affected source definition described above.

In addition to the comparisons listed above, other comparisons should be made with existing datasets to check for possible erroneous data values or outliers. This is especially critical when examining the emission factor information. The data comparisons recommended for these types of checks are listed below.

- 1) Comparison between the 1990 NO_x baseline inventory and the CEMS data for the Acid Rain program (for utilities only). These data are included in Appendix D.
- 2) Comparison between the 1990 NO_x baseline inventory for an individual State with the same inventory for another State. Similar sources should be expected to contain similar data elements and this comparison might benefit both States in ensuring that a typographical error or miscalculation did not accidentally get into the data base.

3. Emission Inventory Quality Assurance System

For those states with inventory data in AIRS format, the EPA's Emission Inventory Quality Assurance System (EIQAS) may be used to perform quality assurance edit checks on critical data elements. This system performs range checks which are helpful in identifying coding or unit errors which may be off by as much as one or more orders of magnitudes.

4. Internally Consistent

The last area that should be quality assured is the mathematical correctness of the final emissions value. With so many data elements going into the calculation of the actual emissions value, it is just as important to QA the calculations as it is to QA the individual data elements. As was discussed in the initial approach for developing the NO_x baseline inventory, the calculation approach is based on three fundamental equations.

1) EMISSION ESTIMATION

$$\text{Emissions} = \text{Activity} * \text{Emission Factor} * \text{Control Factor}$$

Control Factor reflects the combined effects of control device efficiency, rule effectiveness, and rule penetration.

2) UTILIZATION

Heat Input = Activity * Heating Value of Fuel

3) CAPACITY

Design Capacity = Design Rating * Conversion Factor

Each of these calculations should be checked for each source to ensure that the final emission values have been calculated correctly. Any erroneous data elements or algorithms should be corrected and the emissions recalculated.

IV. GUIDANCE ON REVISIONS TO ACTUAL 1990 OTC BASELINE NO._x EMISSION INVENTORY

The starting point for the actual 1990 OTC Baseline NO_x Emission Inventory will be the SIP inventories and annual reporting of emissions from major point sources submitted to EPA by each State. These inventories have undergone quality assurance by both the States and, in some cases, the individual sources. Therefore, minimal changes are expected to the actual inventory data elements with the exception of providing data on five month activity levels. If a source believes that other data elements are in error (e.g. the annual fuel use), documentation must be provided to the respective State supporting any revisions. This data will be subject to review by any member of the Baseline Review Group and will be considered public information which may be released by the State to interested parties.

Included in Chapter II is a form to be completed by any source wishing to change base year actual inventory data. This form must be submitted to the State with documentation supporting the proposed change. The State will indicate the outcome of the proposed change on the form and maintain all forms and supporting documentation as outlined in Chapter II. A copy of the form will be submitted to EPA so that the appropriate changes may be made in the final data base. These forms and the supporting documentation will be considered public information and must be available for review by the Baseline Review Group or other interested parties.

1. Five Month Activity Levels

The five month period of May through September will be used as the basis for the NO_x emission budget. Activity in the months of May through September may fluctuate from the monthly average, particularly for batch or cyclic processes. The ideal situation is for each source to provide actual monthly activity level data for this five month period. The hierarchy thus established for determining the five month activity level (or fuel use) is as follows:

- 1) Actual monthly fuel use data reported to the State by the source. If this is provided, monthly fuel use for the entire year should be provided so that the sum of the monthly fuel use can be checked against the reported annual fuel use.
- 2) Monthly fuel use from Form EIA-767 for utilities. The 1990 monthly fuel use has been provided to the States and other interested parties. There are potential difficulties associated with matching this boiler/fuel type data from Form EIA-767 to the State inventories. Data must be matched at the plant and boiler level. State data may be at the stack level rather than the boiler level. EPA and the States will attempt to match this data. Any sources for which matches are not apparent will fall under one of the remaining steps in this hierarchy.
- 3) Seasonal throughput percentages provided in the SIP inventory. Many of the sources have reported seasonal - spring (March-April-May), summer (June-July-August), fall (September-October-November), winter (December-January-February) -- throughput allocations or percentages. In these cases, the

five month fuel use will be determined by adjusting the annual fuel use by one-third of the spring thruput percentage plus the summer thruput percentage plus one-third of the fall thruput percentage.

- 4) If no other data are available, the five month fuel use will be determined by multiplying the annual fuel use by the ratio of 5/12.

The five month emissions will be determined based on this five month activity level and the five month emission factor (defaulting to the annual emission factor if a specific five month factor is not provided).

2. Emission Factor Revisions

An essential component of the NO_x data base is the emission factor (EF) that is used to calculate the NO_x tons of emissions. The question to consider *above all* when selecting an EF is whether the particular EF helps to best represent the emissions in 1990 when considering the physical conditions, the fuel use, controls, other operating conditions, and the load. This criterion is the most important. In order to maintain some consistency, a hierarchy is proposed (along with an associated code number) for determining emission factors. A table of the proposed hierarchy (Table 4) follows a brief discussion of the choices.

Continuous Emissions Monitoring Data, or CEMs, should be considered first. If the 1990 CEM data are well-established and representative, the CEM emission rate for May through September 1990 should be the emission factor of choice, with the annual 1990 CEM emission rate chosen next. Otherwise, another year's five month CEMs or annual CEMs should be used if that other year is representative of 1990. (Note that CEMS data for smaller time periods within the five month or annual time periods may also be used) In all cases, the data should be accepted after consideration of the testing methods and whether they have been EPA- or State-certified, whether quality assured/quality controlled (QA/QC) protocol has been followed, and whether the testing has been observed by State or local officials

Most stack testing data should be considered next, with the multiple stack tests at representative conditions most desirable and the single stack tests least desirable. The specified months and year for this test also help in forming the hierarchy.

EPA's latest AP-42 emission factors should be considered next. Since they are average values derived from sampling a wide variety of data for a specific Standard Classification Code (SCC), they are generally considered less representative than an appropriate and specific testing procedure, with the exception of the single stack test at maximum load (which may be considered to be even less accurate).

State- and industry-provided factors are the last two choices in the hierarchy, with the industry-provided factor following the State one because it has been assumed that if a source chose to use an industry factor, the number would have been previously provided to the State; likewise, AP-42 is favored over State factors since applicable State data should have been submitted to EPA to refine the AP-42 factor.

Table 4
Emission Factor Hierarchy and Associated Code

Code	Emission Factor Source
1	CEMS for May-Sept 1990
2	Other CEMS for 1990
3	CEMS for May-Sept for non 1990 at representative conditions for 1990
4	Other CEMS for non 1990 at representative conditions for 1990
5	Multiple Stack Tests at representative conditions for 1990
6	Multiple Stack Tests at representative conditions for non 1990
7	Single Stack Test at representative conditions
8	AP-42 factors
9	Single Stack Test at maximum load
10	State factors
11	Industry factors

The emission factor code should be added to the emission factor comment field (as the first two characters) along with any additional comment (see Figure 2).

If a factor of lower preference within the hierarchy is chosen when data of higher preference are available, a justification for using this factor must be provided.

V. EXCEPTIONAL CIRCUMSTANCES

The MOU allows the use of a year other than 1990 for a base year inventory for sources successfully demonstrating "exceptional circumstances." Any source claiming "exceptional circumstances" must show that operations in 1990 varied significantly from normal operations. States will consider any claim of "exceptional circumstances" on a case-by-case basis.

A second data base will be developed to provide the information that will aid in determining if a source's operation in 1990 varied significantly from normal operations. Any recommended change to the emission baseline is the responsibility of the OTC Stationary/Area Source Committee.

The second data base will provide information on activity levels for each affected source in the OTC, and how the actual 1990 information varies from an average. Note that averages calculated from the 1985-1992 DOE data for utility sources and 1990-1993 data for industrial sources will be used to flag sources that have indicated they may want to apply for exceptional circumstances.

APPENDIX A
OTC-NOX Data Contacts

<u>NAME</u>	<u>ORG</u>	<u>PHONE #</u>	<u>FAX #</u>
Bill Simpson	CT	203 424-3419	203 566-6144
Tehseen Khokhar	DC	202 645-6093	202 645-6102
John Outten	DE	302 739-4791	302 739-3106
Bob Boisselle	MA	617 292-5609	617 556-1049
Duane King	MD	410 631-3231	410 631-3202
Jerry Bernier	ME	207 287-2437	207 287-7641
Andy Bodnarik	NH	603 271-1370	603 271-1381
Ray Papalski	NJ	609 633-7225	609 633-6198
Rob Sliwinski	NY	518 457-2823	518 457-0794
Joe White	PA	717 787-2856	717 772-2303
Wick Havens	PA	717 787-4310	717 772-2303
Doug McVay	RI	401 277-2808 ext 7011	401 277-2017
Tom Ballou	VA	804 762-4406	804 762 4510
Paul Wishinski	VT	802 241-3862	802 241-2590
Barry Gilbert	OAQPS	919 541-5238	919 541-0824
Doug Grano	OAQPS	919 541-3292	919 541-0824
Tom Helms	OAQPS	919 541-5527	919 541-0824
Roy Huntley	OAQPS	919 541-1060	919 541-0684
Erica Laich	Pechan	703 642-1120 ext 159	703 642-1258
David Mobley	OAQPS	919 541-4676	919 541-0684
Chet Wayland	OAQPS	919 541-4603	919 541-0684

CC: list

Praveen Amar	NESCAUM	617 367-8540	617 742-9162
Joe Belanger	CT	203 424 3027	203 566-6144
John Bachmann	OAQPS	919 541-5359	919 541-2464
David Conroy	ROI	617 565-3254	617 565-4939
Damien Ellis	ROII	212 264-9357	212 264-7462
David Foerter	OTC	202 508-3840	202 508-3841
Raymond Forde	ROIII	215 597-8239	215 597-3156
James Hambright	MARAMA	717 232-1961	717 232-2018
Larry Montgomery	OAP	202 233-9142	202 233-9595
Carla Oldham	OAQPS	919 541-3347	919 541-0824
Nancy Pitblado	CT	203 424-3027	203 566-6144
Doris Price	OAP	202 233-9067	202 233-9595
Susy Rothschild	Pechan	703 642-1120 ext 128	703 642-1258

APPENDIX B
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APPENDIX C

**NO_x EMISSION FACTORS
for
EXTERNAL and INTERNAL COMBUSTION SOURCES
from AP-42, FOURTH ED., SUPP. A-F**

FIRST LEVEL SCC DESCRIPTION (1-digit)

SECOND LEVEL SCC DESCRIPTION (3-digit)

Third Level SCC Description (6-digit)

SCC Code	NO _x EF	EF Units	Rating	Fourth Level SCC Description
EXTERNAL COMBUSTION BOILERS				
ELECTRIC GENERATION				
Anthracite Coal				
10100101	1.80000E+1	lb/ton	Burned	Pulverized Coal
10100102	9.20000	lb/ton	Burned	Traveling Grate Overfeed Stoker
Bituminous Coal				
10100201	3.40000E+1	lb/ton	Burned	Pulverized Coal: Wet Bottom
10100202	2.17000E+1	lb/ton	burned	Pulverized Coal: Dry Bottom
10100203	3.38000E+1	lb/ton	burned	Cyclone Furnace
10100204	1.37000E+1	lb/ton	burned	Spreader Stoker
10100205	7.50000	lb/ton	burned	Traveling Grate Overfeed Stoker
10100212	1.44000E+1	lb/ton	burned	Pulverized Coal: Dry Bottom Tangential
10100217	1.30000E+1	lb/ton	Burned	Atmospheric Fluidized Bed Combustion
Subbituminous Coal				
10100221	3.40000E+1	lb/ton	burned	Pulverized Coal: Wet Bottom (Subbituminous)
10100222	2.17000E+1	lb/ton	burned	Pulverized Coal: Dry Bottom (Subbituminous)
10100223	3.38000E+1	lb/ton	burned	Cyclone Furnace (Subbituminous)
10100224	1.37000E+1	lb/ton	burned	Spreader Stoker (Subbituminous)
10100225	7.50000	lb/ton	burned	Traveling Grate Overfeed Stoker (Subbit)
10100226	1.44000E+1	lb/ton	burned	Pulverized Coal: Dry Bottom Tangentl (Subbit)

APPENDIX C

FIRST LEVEL SCC DESCRIPTION (1-digit)

SECOND LEVEL SCC DESCRIPTION (3-digit)

Third Level SCC Description (6-digit)

SCC Code	NOx EF	EF Units	Rating	Fourth Level SCC Description
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Lignite				
10100301	1.11000E+1	lb/ton	burned	C Pulverized Coal
10100302	7.30000	lb/ton	burned	C Pulverized Coal: Tangential Firing
10100303	1.25000E+1	lb/ton	burned	C Cyclone Furnace
10100304	5.80000	lb/ton	burned	C Traveling Grate Overfeed Stoker
10100306	5.80000	lb/ton	burned	C Spreader Stoker
Residual Oil				
10100401	6.70000E+1	lb/1000 gal	Burned	A Grade 6 Oil: Normal Firing
10100404	4.20000E+1	lb/1000 gal	Burned	A Grade 6 Oil: Tangential Firing
10100405	6.70000E+1	lb/1000 gal	Burned	A Grade 5 Oil: Normal Firing
10100406	4.20000E+1	lb/1000 gal	Burned	A Grade 5 Oil: Tangential Firing
Distillate Oil				
10100501	2.00000E+1	lb/1000 gal	Burned	U Grades 1 and 2 Oil
10100504	6.70000E+1	lb/1000 gal	Burned	A Grade 4 Oil: Normal Firing
10100505	4.20000E+1	lb/1000 gal	Burned	A Grade 4 Oil: Tangential Firing
Natural Gas				
10100601	5.50000E+2	lb/MM cu ft	Burned	A Boilers > 100 MBtu/Hr except Tangential
10100602	1.40000E+2	lb/MM cu ft	Burned	A Boilers < 100 MBtu/Hr except Tangential
10100604	2.75000E+2	lb/MM cu ft	Burned	A Tangentially Fired Units
Process Gas				
10100701	5.50000E+2	lb/MM cu ft	Burned	U Boilers > 100 MBTU/HR
10100702	1.40000E+2	lb/MM cu ft	Burned	U Boilers < 100 MBTU/HR
Coke				
10100801	2.10000E+1	lb/ton	Burned	A All Boiler Sizes
Liquified Petroleum Gas (LPG)				
10101001	1.32000E+1	lb/1000 gal	Burned	C Butane
10101002	1.24000E+1	lb/1000 gal	Burned	C Propane

APPENDIX C

FIRST LEVEL SCC DESCRIPTION (1-digit)

SECOND LEVEL SCC DESCRIPTION (3-digit)

Third Level SCC Description (6-digit)

SCC Code	NOx EF	EF Units	Rating	Fourth Level SCC Description
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INDUSTRIAL				
. Anthracite Coal				
10200101	1.80000E+1	lb/ton	Burned	B Pulverized Coal
10200104	9.20000	lb/ton	Burned	B Traveling Grate Overfeed Stoker
10200107	3.00000	lb/ton	Burned	B Hand-Fired
Bituminous Coal				
10200201	3.40000E+1	lb/ton	burned	C Pulverized Coal: Wet Bottom
10200202	2.17000E+1	lb/ton	burned	A Pulverized Coal: Dry Bottom
10200203	3.38000E+1	lb/ton	burned	C Cyclone Furnace
10200204	1.37000E+1	lb/ton	burned	A Spreader Stoker
10200205	7.50000	lb/ton	burned	A Overfeed Stoker
10200206	9.50000	lb/ton	burned	A Underfeed Stoker
10200210	7.50000	lb/ton	burned	A Overfeed Stoker **
10200212	1.44000E+1	lb/ton	burned	A Pulverized Coal: Dry Bottom Tangential
10200217	1.30000E+1	lb/ton	Burned	U Atmospheric Fluidized Bed Combustion
10200219	1.50000E+1	lb/ton	Burned	U Cogeneration
Subbituminous Coal				
10200221	3.40000E+1	lb/ton	burned	C Pulverized Coal: Wet Bottom (Subbituminous)
10200222	2.17000E+1	lb/ton	burned	A Pulverized Coal: Dry Bottom (Subbituminous)
10200223	3.38000E+1	lb/ton	burned	C Cyclone Furnace (Subbituminous)
10200224	1.37000E+1	lb/ton	burned	A Spreader Stoker (Subbituminous)
10200225	7.50000	lb/ton	burned	A Traveling Grate (Overfeed) Stoker (Subbit)
10200226	1.44000E+1	lb/ton	burned	A Pulverized Coal: Dry Bottom Tangentl (Subbit)
10200229	1.50000E+1	lb/ton	Burned	U Cogeneration (Subbituminous)
Lignite				
10200301	1.40000E+1	lb/ton	Burned	A Pulverized Coal
10200302	8.00000	lb/ton	Burned	A Pulverized Coal: Tangential Firing
10200303	1.70000E+1	lb/ton	Burned	A Cyclone Furnace
10200304	6.00000	lb/ton	Burned	D Traveling Grate Overfeed Stoker
10200306	6.00000	lb/ton	Burned	C Spreader Stoker
10200307	1.20000E+1	lb/ton	Burned	U Cogeneration

APPENDIX C

FIRST LEVEL SCC DESCRIPTION (1-digit)

SECOND LEVEL SCC DESCRIPTION (3-digit)

Third Level SCC Description (6-digit)

SCC Code	NOx EF	EF Units	Rating	Fourth Level SCC Description
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Residual Oil				
10200401	5.50000E+1	lb/1000 gal	Burned	A Grade 6 Oil
10200403	5.50000E+1	lb/1000 gal	Burned	U <10 MMBTU/hr **
10200404	5.50000E+1	lb/1000 gal	Burned	A Grade 5 Oil
10200405	5.50000E+1	lb/1000 gal	Burned	U Cogeneration
Distillate Oil				
10200501	2.00000E+1	lb/1000 gal	Burned	A Grades 1 and 2 Oil
10200502	2.00000E+1	lb/1000 gal	Burned	U 10-100 MMBTU/hr **
10200503	2.00000E+1	lb/1000 gal	Burned	U <10 MMBTU/hr **
10200504	5.50000E+1	lb/1000 gal	Burned	A Grade 4 Oil
10200505	2.00000E+1	lb/1000 gal	Burned	U Cogeneration
Natural Gas				
10200601	5.50000E+2	lb/MM cu ft	Burned	A Over 100 MMBTU/Hr
10200602	1.40000E+2	lb/MM cu ft	Burned	A 10-100 MMBTU/Hr
10200603	1.00000E+2	lb/MM cu ft	Burned	A Less Than 10 MMBTU/Hr
10200604	1.40000E+2	lb/MM cu ft	Burned	U Cogeneration
Process Gas				
10200701	1.40000E+2	lb/MM cu ft	Burned	U Petroleum Refinery Gas
Coke				
10200802	1.40000E+1	lb/ton	Burned	U All Boiler Sizes
10200804	1.40000E+1	lb/ton	Burned	U Cogeneration
Liquified Petroleum Gas (LPG)				
10201001	2.10000E+1	lb/1000 gal	Burned	C Butane
10201002	1.90000E+1	lb/1000 gal	Burned	C Propane

APPENDIX C

FIRST LEVEL SCC DESCRIPTION (1-digit)

SECOND LEVEL SCC DESCRIPTION (3-digit)

Third Level SCC Description (6-digit)

SCC Code	NOx EF	EF Units	Rating	Fourth Level SCC Description
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COMMERCIAL/INSTITUTIONAL				
· Anthracite Coal				
10300101	1.80000E+1	lb/ton	Burned	B Pulverized Coal
10300102	9.20000	lb/ton	Burned	B Traveling Grate Overfeed Stoker
10300103	3.00000	lb/ton	Burned	B Hand-Fired
Bituminous Coal				
10300203	3.38000E+1	lb/ton	burned	C Cyclone Furnace
10300205	3.40000E+1	lb/ton	burned	C Pulverized Coal: Wet Bottom
10300206	2.17000E+1	lb/ton	burned	A Pulverized Coal: Dry Bottom
10300207	7.50000	lb/ton	burned	A Overfeed Stoker
10300208	9.50000	lb/ton	burned	A Underfeed Stoker
10300209	1.37000E+1	lb/ton	burned	A Spreader Stoker
10300211	7.50000	lb/ton	Burned	U Overfeed Stoker **
10300214	9.10000	lb/ton	burned	E Hand-Fired
10300216	1.44000E+1	lb/ton	burned	A Pulverized Coal: Dry Bottom Tangential
10300217	1.30000E+1	lb/ton	Burned	U Atmospheric Fluidized Bed Combustion
Subbituminous Coal				
10300221	3.40000E+1	lb/ton	burned	C Pulverized Coal: Wet Bottom (Subbituminous)
10300222	2.17000E+1	lb/ton	burned	A Pulverized Coal: Dry Bottom (Subbituminous)
10300223	3.38000E+1	lb/ton	burned	C Cyclone Furnace (Subbituminous)
10300224	1.37000E+1	lb/ton	burned	A Spreader Stoker (Subbituminous)
10300225	7.50000	lb/ton	burned	A Traveling Grate Overfeed Stoker (Subbit)
10300226	1.44000E+1	lb/ton	burned	A Pulverized Coal: Dry Bottom Tangentl (Subbit)
Lignite				
10300305	1.40000E+1	lb/ton	Burned	A Pulverized Coal
10300306	8.00000	lb/ton	Burned	A Pulverized Coal: Tangential Firing
10300307	6.00000	lb/ton	Burned	D Traveling Grate (Overfeed) Stoker
10300309	6.00000	lb/ton	Burned	C Spreader Stoker

APPENDIX C

FIRST LEVEL SCC DESCRIPTION (1-digit)

SECOND LEVEL SCC DESCRIPTION (3-digit)

Third Level SCC Description (6-digit)

SCC Code	NOx EF	EF Units	Rating	Fourth Level SCC Description
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Residual Oil

10300401	5.50000E+1	lb/1000 gal	Burned	A	Grade 6 Oil
10300402	5.50000E+1	lb/1000 gal	Burned	U	10-100 MMBTU/hr **
10300403	5.50000E+1	lb/1000 gal	Burned	U	<10 MMBTU/hr **
10300404	5.50000E+1	lb/1000 gal	Burned	A	Grade 5 Oil

Distillate Oil

10300501	2.00000E+1	lb/1000 gal	Burned	A	Grades 1 and 2 Oil
10300502	2.00000E+1	lb/1000 gal	Burned	U	10-100 MMBTU/hr **
10300503	2.00000E+1	lb/1000 gal	Burned	U	<10 MMBTU/hr **
10300504	5.50000E+1	lb/1000 gal	Burned	A	Grade 4 Oil

Natural Gas

10300601	5.50000E+2	lb/MM cu ft	Burned	A	Over 100 MMBTU/Hr
10300602	1.40000E+2	lb/MM cu ft	Burned	A	10-100 MMBTU/Hr
10300603	1.00000E+2	lb/MM cu ft	Burned	A	Less Than 10 MMBTU/Hr

Liquified Petroleum Gas (LPG)

10301001	1.50000E+1	lb/1000 gal	Burned	C	Butane
10301002	1.40000E+1	lb/1000 gal	Burned	C	Propane

SPACE HEATERS

Industrial

10500102	3.00000	lb/ton	Burned	U	Coal **
10500106	1.00000E+2	lb/MM cu ft	Burned	U	Natural Gas
10500110	2.00000E+1	lb/1000 gal	Burned	U	Liquified Petroleum Gas (LPG)

Commercial-Institutional

10500202	3.00000	lb/ton	Burned	U	Coal **
10500206	1.00000E+2	lb/MM cu ft	Burned	U	Natural Gas
10500209	1.50000	lb/ton	Burned	U	Wood
10500210	1.45000E+1	lb/1000 gal	Burned	U	Liquified Petroleum Gas (LPG)

APPENDIX C

FIRST LEVEL SCC DESCRIPTION (1-digit)

SECOND LEVEL SCC DESCRIPTION (3-digit)

Third Level SCC Description (6-digit)

SCC Code	NOx EF	EF Units	Rating	Fourth Level SCC Description
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INTERNAL COMBUSTION ENGINES

ELECTRIC GENERATION

Distillate Oil/Diesel

20100101	6.98000E-1	lb/MM Btu	Burned	B	Turbine
20100102	4.69000E+2	lb/1000 gal	Burned	U	Reciprocating

Natural Gas

20100201	4.40000E-1	lb/MM Btu	Burned	B	Turbine
20100202	4.41000	lb/MM cu ft	Burned	A	Reciprocating

Kerosene/Naphtha Jet Fuel

20100901	6.78000E+1	lb/1000 gal	Burned	U	Turbine
20100902	4.69000E+2	lb/1000 gal	Burned	U	Reciprocating

INDUSTRIAL

Distillate Oil/Diesel

20200101	6.78000E+1	lb/1000 gal	Burned	B	Turbine
20200102	4.41000	lb/MM Btu	Burned	C	Reciprocating
20200103	6.78000E+1	lb/1000 gal	Burned	B	Turbine: Cogeneration
20200104	4.69000E+2	lb/1000 gal	Burned	C	Reciprocating: Cogeneration

Natural Gas

20200201	3.40000E-1	lb/MM BTU	Burned	A	Turbine
20200202	3.40000E+3	lb/MM cu ft	Burned	A	Reciprocating **
20200203	4.13000E+2	lb/MM cu ft	Burned	A	Turbine: Cogeneration
20200204	3.40000E+3	lb/MM cu ft	Burned	A	Reciprocating: Cogeneration
20200252	2.70000	lb/MM BTU	Burned	U	Reciprocating: 2-Cycle Lean Burn
20200253	2.30000	lb/MM BTU	Burned	U	Reciprocating: 4-Cycle Rich Burn
20200254	3.20000	lb/MM BTU	Burned	U	Reciprocating: 4-Cycle Lean Burn

Gasoline

20200301	1.63000	lb/MM Btu	Burned	C	Reciprocating
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Large Bore Engine

20200401	3.10000	lb/MM Btu	Burned	C	Diesel
20200402	3.10000	lb/1000 hp-hr		C	Dual Fuel (Oil/Gas)
20200403	1.80000E+1	lb/100,000 brake hp-hrs		U	Cogeneration: Dual Fuel

APPENDIX C

FIRST LEVEL SCC DESCRIPTION (1-digit)

SECOND LEVEL SCC DESCRIPTION (3-digit)

Third Level SCC Description (6-digit)

SCC Code	NOx EF	EF Units	Rating	Fourth Level SCC Description
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	Residual/Crude Oil			
20200501	4.69000E+2	lb/1000 gal	Burned	U Reciprocating
	Kerosene/Naphtha Jet Fuel			
20200901	6.78000E+1	lb/1000 gal	Burned	U Turbine
20200902	4.69000E+2	lb/1000 gal	Burned	U Reciprocating
	COMMERCIAL/INSTITUTIONAL			
	Distillate Oil/Diesel			
20300101	4.41000	lb/MM Btu	Burned	C Reciprocating
20300102	6.78000E+1	lb/1000 gal	Burned	B Turbine
	Natural Gas			
20300201	3.40000E+3	lb/MM cu ft	Burned	A Reciprocating
20300202	4.13000E+2	lb/MM cu ft	Burned	B Turbine
	Gasoline			
20300301	1.63000	lb/MM Btu	Burned	C Reciprocating

APPENDIX D
U. S. EPA -- EMISSIONS TRACKING SYSTEM (ETS)
Average Quarterly NO_x Emission Rates from Quality Assured Hours as Reported by 19 Selected Plants
Second Quarter, 1994

	Unit/ Common Stack ID	Total Unit Operating Time (hours)	Total Unit Operating Time for QA'd Data (hours)	Average QA'd NO _x Emission Rate (lb/mmBtu)	Peak QA'd NO _x Emission Rate (lb/mmBtu)
ATLANTIC CITY ELECTRIC CO (963)					
B L ENGLAND (ORISPL 002378)	1	1442.00	1380.00	0.931	1.407
	2	1600.00	1546.00	0.995	1.489
BALTIMORE GAS & ELECTRIC CO (1167)					
C P CRANE (ORISPL 001552)	1	676.00	672.00	1.185	1.813
	2	1323.00	1321.00	1.440	2.127
DUQUESNE LIGHT CO (5487)					
CHESWICK (ORISPL 008226)	1	1950.75	1928.75	0.437	0.819
LONG ISLAND LIGHTING CO (11172)					
NORTHPORT (ORISPL 002516)	1 (OIL)	2184.00	1536.00	0.146	0.500
	2 (OIL)	2184.00	1806.00	0.180	0.443
	3 (OIL)	2184.00	1445.00	0.171	0.428
	4 (OIL)	2184.00	1505.00	0.117	0.387
PORTE JEFFERSON (ORISPL 002517)	3 (OIL)	2104.50	1354.75	0.175	0.435
	4 (OIL)	2157.25	1944.00	0.245	0.426
METROPOLITAN EDISON CO (12390)					
PORLTAND (ORISPL 003113)	1	828.75	802.75	0.337	0.588
	2	1724.00	1696.00	0.353	21.463 ¹
NEW YORK STATE ELEC & GAS CORP (13511)					
GREENIDGE (ORISPL 002527)	**6	1606.00	1552.00	0.505	1.569
MILLIKEN (ORISPL 002535)	**1	2149.50	2085.50	0.393	0.745
	**2	1816.75	1655.25	0.575	0.781
NIAGARA MOHAWK POWER CORP (13573)					
DUNKIRK (ORISPL 002554)	CS0003	2184.00	1996.00	0.458	1.005
	3	1645.75	-	-	-
	4	2180.00	-	-	-

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¹ Erroneous value generated by monitor during unit start-up. Actual value is 0.695.

APPENDIX D

U. S. EPA -- EMISSIONS TRACKING SYSTEM (ETS)

Average Quarterly NO_x Emission Rates from Quality Assured Hours as Reported by 19 Selected Plants
Second Quarter, 1994

	Unit/ Common Stack ID	Total Unit Operating Time (hours)	Total Unit Operating Time for QA'd Data (hours)	Average QA'd NO _x Emission Rate (lb/mmBtu)	Peak QA'd NO _x Emission Rate (lb/mmBtu)
PENNSYLVANIA ELECTRIC CO (14711)					
CONEMAUGH (ORISPL 003118)	1	2038.25	1949.25	0.666	0.816
	2	2085.25	1939.50	0.397	0.662
PENNSYLVANIA POWER & LIGHT CO (14715)					
BRUNNER ISLAND (ORISPL 003140)	CS102	2053.25	2039.25	0.385	0.747
	1	2047.25	-	-	-
	2	530.50	-	-	-
	3	1922.75	1894.25	0.814	1.071
MARTINS CREEK (ORISPL 003148)	CS102	1773.50	1763.50	0.662	1.042
	1	1494.00	-	-	-
	2	1422.75	-	-	-
SUNBURY (ORISPL 003152)	3	2050.25	2019.00	0.459	1.545
	4	1992.00	1989.00	0.989	1.360
POTOMAC ELECTRIC POWER CO (15270)					
CHALK POINT (ORISPL 001571)	CSE12	2184.00	1873.00	0.994	2.536
	0001	2160.00	-	-	-
	0002	2160.00	-	-	-
POTOMAC ELECTRIC POWER CO (15270)					
MORGANTOWN (ORISPL 001573)	1	1888.00	1882.00	0.887	1.389
	2	1888.00	1882.00	0.366	1.848
PUBLIC SERVICE CO OF NH (15472)					
MERRIMACK (ORISPL 002364)	000001	1968.00	1906.00	1.204	1.603
	000002	669.00	640.00	1.735	3.152

APPENDIX D
U. S. EPA -- EMISSIONS TRACKING SYSTEM (ETS)
Average Quarterly NO_x Emission Rates from Quality Assured Hours as Reported by 19 Selected Plants
Second Quarter, 1994

Unit/ Common Stack ID	Total Unit Operating Time (hours)	Total Unit Operating Time for QA'd Data (hours)	Average QA'd NO _x Emission Rate (lb/mmBtu)	Peak QA'd NO _x Emission Rate (lb/mmBtu)
WEST PENN POWER CO (20387)				
ARMSTRONG (ORISPL 003178)	1 2	1855.00 621.75	1834.00 621.75	0.944 0.975
HATFIELD'S FERRY (ORISPL 003179)	CS001 CS002 1 2 3	2184.00 2184.00 1969.25 2060.50 2184.00	2180.00 2177.00 - - -	0.794 0.802 - - -
				1.240 1.200 1.290 1.110 -

APPENDIX D

November 16, 1994

SELECTED PHASE I LIST - REGIONS 1-3

NO_x Control Equipment Installed as of June 1994 (may not have been operational for entire 2nd Quarter)

UTILITY	ORIS CODE	PLANT NAME	UNIT 10	NO _x CONTROLS	POLLUTANT
Atlantic City Electric Co	2378	B L England	1 2	Uncontrolled Uncontrolled	Cyclone Cyclone
Baltimore Gas and Electric	1552	C P Crane	1 2	Uncontrolled Uncontrolled	Cyclone Cyclone
Duquesne Light Co	8226	Cheswick	1	LNCFS2	Tangentially Fired
Long Island Lighting Co	2516	Northport	1 2 3 4	Other Uncontrolled Uncontrolled Other	Tangentially Fired Tangentially Fired Tangentially Fired Tangentially Fired
	2517	Port Jefferson	3 4	Uncontrolled Uncontrolled	Tangentially Fired Tangentially Fired
Metropolitan Edison	3113	Portland	1 2	Uncontrolled LNCFS3	Tangentially Fired Tangentially Fired
NY State Electric and Gas Corp	2527	Greenridge	6	Uncontrolled	Tangentially Fired
	2535	Milliken	1 2	LNCFS3 Uncontrolled	Tangentially Fired Tangentially Fired
Niagara Mohawk Power Corp	2554	Dunkirk	3 4	Uncontrolled Uncontrolled	Tangentially Fired Tangentially Fired
Pennsylvania Electric Co	3118	Conemaugh	1 2	Uncontrolled LNCFS3	Tangentially Fired Tangentially Fired

APPENDIX D

Select Phase I List
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UTILITY	ORIS CODE	PLANT NAME	UNIT ID	NOx CONTROLS	BOILER TYPE
	3131	Shawville	1 2 3 4	LNB w/o OFA Uncontrolled Uncontrolled LNCFS3	Dry Bottom Wall Fired Dry Bottom Wall Fired Tangentially Fired Tangentially Fired
Pennsylvania Power and Light	3140	Brunner Island	1 2 3	LNCFS3 LNCFS3 LNCFS3	Tangentially Fired Tangentially Fired Tangentially Fired
	3148	Martins Creek	1 2	LNB w/ OFA LNB w/ OFA	Dry Bottom Wall Fired Dry Bottom Wall Fired
	3152	Sunbury	3 4	LNB w/ OFA LNB w/ OFA	Dry Bottom Wall Fired Dry Bottom Wall Fired
Potomac Electric Power Co	1571	Chalk Point	1 2	Uncontrolled LNB w/OFA	Dry Bottom Wall Fired Dry Bottom Wall Fired
	1573	Morgantown	1 2	Low NO _x Burner Low NO _x Burner	Tangentially Fired Tangentially Fired
Public Service Co of NH	2364	Merrimack	1 2	Uncontrolled Uncontrolled	Cyclone Cyclone
West Pennsylvania Power Co	3178	Armstrong	1 2	Uncontrolled Uncontrolled	Dry Bottom WF Dry Bottom WF

APPENDIX D

Select Phase I List
September 23, 1994
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UTILITY	ORIS CODE	PLANT NAME	UNIT #	NOx CONTROLS	COMBUSTION
	3179	Hatfields Ferry	1 2 3	Uncontrolled Uncontrolled Uncontrolled	Cell Burner Wall Fired Cell Burner Wall Fired Cell Burner Wall Fired

Appendix E
Commonwealth of Pennsylvania
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1994 NOx CEMs on Combustion Units 250 MBtu or Greater

Company Name	Location	Source	SCC Code	Polparm	Units	May	June	July	Aug	Sept	Average (May-Sept.)
AES-BV Partners	Potter Twp	Unit 2	10200202	NOX	lbs/MBtu	0.84	0.782	0.712	0.75	0.743	0.765
AES-BV Partners	Potter Twp	Unit 3	10200202	NOX	lbs/MBtu	0.725	0.663	0.673	0.735	0.626	0.684
AES-BV Partners	Potter Twp	Unit 4	10200202	NOX	lbs/MBtu	0.756	0.753	0.787	0.976	0.869	0.828
Cambria CoGen Co.	Ebensburg	Unit 1		NOX	lbs/MBtu	0.29	0.251	0.237	0.255	0.289	0.264
Cambria CoGen Co.	Ebensburg	Unit 1		NOX	lbs/hr	164.4	141.7	139	146.7	163.9	151.1
Cambria CoGen Co.	Ebensburg	Unit 2		NOX	lbs/MBtu	0.267	0.242	0.226	0.231	0.254	0.244
Cambria CoGen Co.	Ebensburg	Unit 2		NOX	lbs/hr	150.9	135.5	124.2	121.1	133.8	133.1
Continental Energy Assoc	Hazleton	Rec. Boi		NOX	lbs/MBtu	0.436	0	0.336	0.46	0.452	0.337
Continental Energy Assoc	Hazleton	Rec. Boi		NOX	lbs/hr	381.9	0	336.1	400.1	401.6	303.9
Continental Energy Assoc	Hazleton	Turbine/		NOX	lbs/hr	206.1	0	205.9	203.6	207.4	164.6
Continental Energy Assoc	Hazleton	Turbine/		NOX	ppm	71	0	73	71	71	71
Duquesne Light Co.	Eirama	Units 1,	10100202	NOX	lbs/MBtu	0	0	0.573	0.568	0.581	0.574
Ebensburg Power Co.	Cambria Tw	Boiler		NOX	lbs/MBtu	0.097	0.079	0.071	0.094	0.094	0.087
Foster Wheeler Mt. Carmel	Mt. Carmel	Boiler	10101201	NOX	lbs/MBtu	0.1	0.088	0.095	0.086	0.086	0.091
Foster Wheeler Mt. Carmel	Mt. Carmel	Boiler	10101201	NOX	lbs/hr	52.6	47.8	55.8	49.1	56.5	52.4
General Electric Co.	Erie	Unit 2	10200204	NOX	lbs/MBtu	0.762	0.63	0.674	0	0	0.689
Gilberton Power Co.	Frackville	Boilers		NOX	lbs/MBtu	0.163	0.157	0.148	0.155	0.161	0.157
International Paper Co.	Erie	Boiler 2	10200204	NOX	lbs/MBtu	0	0	0.184	0.268	0.388	0.168
Merck, Sharp, and Dohme	West Point	Boiler &	20200203	NOX	lbs/MBtu	0	0	0.06	0	0	0.06
Metropolitan Edison Co.	Portland	Unit 1	10100201	NOX	lbs/MBtu	0.368	0.344	0.297	0.289	0.295	0.319
Metropolitan Edison Co.	Portland	Unit 2	10100201	NOX	lbs/MBtu	0.359	0.364	0.316	0.358	0.295	0.338
Metropolitan Edison Co.	Titus	Unit 1	10100212	NOX	lbs/MBtu	0.656	0.855	0.673	0.638	0.664	0.657
Metropolitan Edison Co.	Titus	Unit 2	10100212	NOX	lbs/MBtu	0.593	0.657	0.699	0.864	0.664	0.655
Metropolitan Edison Co.	Titus	Unit 3	10100212	NOX	lbs/MBtu	0.631	0.658	0.682	0.636	0.672	0.656
Northeastern Power Co.	Kline Twp.	Boiler		NOX	lbs/MBtu	0.099	0.079	0.074	0.07	0.058	0.076
Northern Consolidated Pow	North East	Gas Turb		NOX	lbs/hr	17.5	13.2	13.8	14.3	13	14.3
Northern Consolidated Pow	North East	Gas Turb		NOX	ppm	15	11	12	12	12	12.5
Northern Consolidated Pow	North East	Gas Turb		NOX	lbs/hr	18.4	20.5	19.4	18.8	14.1	18.3
Northern Consolidated Pow	North East	Gas Turb		NOX	ppm	14	16	15	15	15	15.2
P. H. Glatfelter Co.	Spring Gro	Boiler 4	10200202	NOX	lbs/MBtu	0.811	0.909	0.605	0.477	0.434	0.647
P. H. Glatfelter Co.	Spring Gro	Boiler 5	10200219	NOX	lbs/MBtu	0.363	0.376	0.339	0.357	0.327	0.352
P. H. Glatfelter Co.	Spring Gro	Boiler 5	10200219	NOX	lbs/hr	189.5	190.7	166.5	182.2	174.6	180.7
PECO Energy Co.	Eddystone	Unit 1	10100212	NOX	lbs/MBtu	0.454	0.409	0.407	0.407	0	0.419

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1994 NOx CEMs on Combustion Units 250 MBtu or Greater

Company Name	Location	Source	SCC Code	Polparm	Units	May	June	July	Aug	Sept	Average (May-Sept.)
Panther Creek Partners	Nesquehoni	Boiler 1		NOX	lbs/MBtu	0.105	0.102	0.106	0.106	0.111	0.106
Panther Creek Partners	Nesquehoni	Boiler 1		NOX	lbs/hr	49.6	49.3	51.4	52.6	59.3	52.4
Panther Creek Partners	Nesquehoni	Boiler 2		NOX	lbs/MBtu	0.111	0.112	0.098	0.1	0.099	0.104
Panther Creek Partners	Nesquehoni	Boiler 2		NOX	lbs/hr	47.1	49.6	43.8	49.6	53.8	48.8
Pennsylvania Electric Co.	Conemaugh	Unit 1	10100202	NOX	lbs/MBtu	0.658	0.651	0.642	0.636	0.584	0.634
Pennsylvania Electric Co.	Conemaugh	Unit 2	10100202	NOX	lbs/MBtu	0.387	0.394	0.407	0.416	0.408	0.402
Pennsylvania Electric Co.	Homer City	Unit 1	10100202	NOX	lbs/MBtu	0	0	0.723	0.705	0.77	0.733
Pennsylvania Electric Co.	Homer City	Unit 2	10100202	NOX	lbs/MBtu	0.622	0.734	0.746	0.777	0.887	0.753
Pennsylvania Electric Co.	Homer City	Unit 3	10100202	NOX	lbs/MBtu	0.602	0.582	0.615	0.579	0.6	0.596
Pennsylvania Electric Co.	Keystone	Unit 1	10100202	NOX	lbs/MBtu	0.607	0.562	0.498	0.588	0.588	0.569
Pennsylvania Electric Co.	Keystone	Unit 2	10100202	NOX	lbs/MBtu	0.628	0.508	0.419	0.425	0.399	0.476
Pennsylvania Electric Co.	Seward	Units 12	10100202	NOX	lbs/MBtu	0.632	0.657	0.675	0.633	0.6	0.639
Pennsylvania Electric Co.	Shawville	Unit 1	10100202	NOX	lbs/MBtu	0.48	0.484	0.484	0.5	0.488	0.487
Pennsylvania Electric Co.	Shawville	Unit 2	10100202	NOX	lbs/MBtu	1.031	0.998	1.021	0.97	0.928	0.99
Pennsylvania Electric Co.	Shawville	Units 3,	10100202	NOX	lbs/MBtu	0.721	0.706	0.686	0.663	0.557	0.667
Pennsylvania Electric Co.	Warren	Units 1,	10100202	NOX	lbs/MBtu	0.623	0.641	0.605	0.632	0.574	0.615
Pennsylvania Power Co.	Bruce Mans	Unit 1	10100202	NOX	lbs/MBtu	0	0.198	0.17	0.228	0.267	0.216
Pennsylvania Power Co.	Bruce Mans	Unit 2	10100202	NOX	lbs/MBtu	0.747	0.785	0.742	0.722	0.71	0.741
Pennsylvania Power Co.	Bruce Mans	Unit 3	10100202	NOX	lbs/MBtu	0.429	0.382	0.361	0.349	0.373	0.379
Pennsylvania Power Co.	Newcastle	Unit 3	10100202	NOX	lbs/MBtu	0.583	0.612	0.57	0.559	0.543	0.573
Pennsylvania Power Co.	Newcastle	Unit 4	10100202	NOX	lbs/MBtu	0.528	0.556	0.519	0.531	0.512	0.529
Pennsylvania Power Co.	Newcastle	Unit 5	10100202	NOX	lbs/MBtu	0.638	0.618	0.559	0.567	0.609	0.598
Pennsylvania Power and Li	Brunner Is	Unit 3	10100202	NOX	lbs/MBtu	0.806	0.78	0.783	0.792	0.738	0.78
Pennsylvania Power and Li	Brunner Is	Units 1,	10100201	NOX	lbs/MBtu	0.364	0.357	0.392	0.414	0.416	0.389
Pennsylvania Power and Li	Holtwood	Unit 17	10100101	NOX	lbs/MBtu	1.093	1.246	1.442	1.201	1.018	1.2
Pennsylvania Power and Li	Martin's C	Units 1,	10100201	NOX	lbs/MBtu	0.669	0.634	0.579	0.341	0.428	0.53
Pennsylvania Power and Li	Montour	Unit 1	10100202	NOX	lbs/MBtu	0.841	0.875	0.869	0.822	0.833	0.848
Pennsylvania Power and Li	Montour	Unit 2	10100202	NOX	lbs/MBtu	0	0.462	0.456	0.396	0.381	0.339
Pennsylvania Power and Li	Sunbury	Unit 1	10100101	NOX	lbs/MBtu	0.938	0.939	1.043	0.978	1.005	0.981
Pennsylvania Power and Li	Sunbury	Unit 2	10100101	NOX	lbs/MBtu	0.725	0.756	0.585	0.632	0.822	0.704
Pennsylvania Power and Li	Sunbury	Unit 3	10100101	NOX	lbs/MBtu	0.397	0.447	0.423	0.421	0.435	0.425
Pennsylvania Power and Li	Sunbury	Unit 4	10100101	NOX	lbs/MBtu	0.976	0.943	1.03	0.906	0.982	0.967
Procter & Gamble Paper Pr	Mehoopany	Turbine	20200203	NOX	lbs/MBtu	2.907	2.599	0	0	0	2.753

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1994 NOx CEMs on Combustion Units 250 MBtu or Greater

Company Name	Location	Source	SCC Code	Polparm	Units	May	June	July	Aug	Sept	Average (May-Sept.)
Procter & Gamble Paper Pr	Mehoopany	Turbine	20200203	NOX	lbs/hr	57.8	53.8	0	0	0	55.8
Schuylkill Energy Resourc	North Maha	Boiler	10100101	NOX	lbs/MBtu	0.084	0.09	0.089	0.115	0.068	0.089
Scott Paper Co.	Chester	Unit 10	10100101	NOX	lbs/MBtu	0.073	0.061	0.05	0.057	0.056	0.059
Scrubgrass Generating Co.	Kennerdell	Boiler 1		NOX	lbs/MBtu	0.17	0.15	0.151	0.158	0.135	0.153
Scrubgrass Generating Co.	Kennerdell	Boiler 2		NOX	lbs/MBtu	0.194	0.158	0.147	0.155	0.13	0.157
West Penn Power Co.	Hatfield	Units 1,	10100202	NOX	lbs/MBtu	0.795	0.731	0	0	0	0.763
West Penn Power Co.	Hatfield	Units H2	10100202	NOX	lbs/MBtu	0.813	0.802	0	0	0	0.807
West Penn Power Co.	Mitchell	Unit 33	10100202	NOX	lbs/MBtu	0.727	0.698	0	0	0	0.713
Westwood Energy Propertie	Joliette	Unit 1	10100101	NOX	lbs/MBtu	0.135	0.107	0	0	0	0.121
Wheelabrator Frackville	Frackville	Boiler	10100101	NOX	lbs/MBtu	0.143	0.13	0.124	0.129	0.132	0.132

Appendix F
Comparison of 1990 and Average Heat Input

UTILITY	PLANT	Five Month Heat Input (MMBtu)		Percent from Average
		1990 Actual	Average	
CONNECTICUT				
CONNECTICUT LIGHT & POWER CO	NORWALK HARBOR	7004488	6691340	4.7%
UNITED ILLUMINATING CO	BRIDGEPORT HARBOR	15836201	13779466	14.9%
CONNECTICUT LIGHT & POWER CO	MID-CONN/S. MEADOW	690545	596525	15.8%
CONNECTICUT LIGHT & POWER CO	MIDDLETOWN	6399355	6996179	-8.5%
CONNECTICUT LIGHT & POWER CO	DEVON	6173799	4921394	25.4%
UNITED ILLUMINATING CO	ENGLISH	143379	186329	-23.1%
UNITED ILLUMINATING CO	NEW HAVEN HARBOR	9515005	8429914	12.9%
WALLINGFORD TOWN OF	PIERCE	6680	11046	-39.5%
CONNECTICUT LIGHT & POWER CO	MONTVILLE	4877069	4469351	9.1%
		50646521	46081544	9.9%
DELAWARE				
DOVER CITY OF (DE)	MCKEE RUN	2388835	2224264	7.4%
DELMARVA POWER & LIGHT CO	DELAWARE CITY	2840810	2749957	3.3%
DELMARVA POWER & LIGHT CO	EDGE MOOR	12141801	14555065	-16.6%
DELMARVA POWER & LIGHT CO	INDIAN RIVER	17219486	17766611	-3.1%
		34590932	37295897	-7.3%
DISTRICT OF COLUMBIA				
POTOMAC ELECTRIC POWER CO	BENNING	3729606	2628648	41.9%
		3729606	2628648	41.9%
MAINE				
MAINE PUBLIC SERVICE CO	CARIBOU	15087	20385	-26.0%
CENTRAL MAINE POWER CO	WILLIAM F WYMAN	11039343	8210422	34.5%
CENTRAL MAINE POWER CO	MASON STEAM	91672	78240	17.2%
BANGOR HYDRO-ELECTRIC CO	GRAHAM STATION	94854	142568	-33.5%
		11240956	8451615	33.0%

Based on 1985 through 1992 Form EIA-767 Fuel Use
and Heat Content Data.

Appendix F
Comparison of 1990 and Average Heat Input

UTILITY	PLANT	Five Month Heat Input (MMBtu)		Percent from Average
		1990 Actual	Average	
MARYLAND				
BALTIMORE GAS & ELECTRIC CO	HERBERT A WAGNER	17167117	14581798	17.7%
BALTIMORE GAS & ELECTRIC CO	BRANDON SHORES	17150005	20381966	-15.9%
BALTIMORE GAS & ELECTRIC CO	RIVERSIDE	5204887	2629931	97.9%
POTOMAC ELECTRIC POWER CO	MORGANTOWN	30451547	26797962	13.6%
DELMARVA POWER & LIGHT CO	VIENNA	1448016	2044073	-29.2%
POTOMAC ELECTRIC POWER CO	DICKERSON	14625493	14532882	0.6%
POTOMAC ELECTRIC POWER CO	CHALK POINT	31165924	29172744	6.8%
POTOMAC EDISON CO	R P SMITH	1952116	2221811	-12.1%
BALTIMORE GAS & ELECTRIC CO	C P CRANE	8277970	6657885	24.3%
BALTIMORE GAS & ELECTRIC CO	GOULD STREET	1561861	894270	74.7%
BALTIMORE GAS & ELECTRIC CO	WESTPORT	2169211	1019666	112.7%
		131174147	120934988	8.5%
MASSACHUSETTS				
CANAL ELECTRIC CO	CANAL	21239578	24743720	-14.2%
MONTAUP ELECTRIC CO	SOMERSET	3910615	4610201	-15.2%
COMMONWEALTH ELECTRIC CO	CANNON STREET	539696	635844	-15.1%
NEW ENGLAND POWER CO	BRAYTON POINT	34973070	34249402	2.1%
TAUNTON CITY OF	CLEARY FLOOD	1027186	792620	29.6%
NEW ENGLAND POWER CO	SALEM HARBOR	19576214	18720747	4.6%
HOLYOKE WATER POWER CO	MOUNT TOM	4762286	4343387	9.6%
WESTERN MASSACHUSETTS ELEC CO	WEST SPRINGFIELD	2014935	2096554	-3.9%
HOLYOKE GAS & ELECTRIC CO	CABOT-HOLYOKE	53168	55887	-4.9%
BOSTON EDISON CO	MYSTIC	21369349	18232302	17.2%
CAMBRIDGE ELECTRIC LIGHT CO	BLACKSTONE STREET	172613	174046	-0.8%
CAMBRIDGE ELECTRIC LIGHT CO	KENDALL SQUARE	1213510	1416093	-14.3%
BOSTON EDISON CO	NEW BOSTON	19143053	17213060	11.2%
		129995273	127283863	2.1%

Appendix F
Comparison of 1990 and Average Heat Input

UTILITY	PLANT	Five Month Heat Input (MMBtu)		Percent from Average
		1990 Actual	Average	
NEW HAMPSHIRE				
PUBLIC SERVICE CO OF NH	MERRIMACK	9298123	10297516	-9.7%
PUBLIC SERVICE CO OF NH	SCHILLER	3850678	3129841	23.0%
PUBLIC SERVICE CO OF NH	NEWINGTON	8531869	8496983	0.4%
		21680670	21924340	-1.1%
NEW JERSEY				
PUBLIC SERVICE ELECTRIC&GAS CO	BERGEN	7522149	9423055	-20.2%
PUBLIC SERVICE ELECTRIC&GAS CO	BURLINGTON	1000256	1071459	-6.6%
ATLANTIC CITY ELECTRIC CO	B L ENGLAND	8345870	9222836	-9.5%
VINELAND CITY OF	HOWARD DOWN	603672	819538	-26.3%
PUBLIC SERVICE ELECTRIC&GAS CO	HUDSON	19182351	16990360	12.9%
PUBLIC SERVICE ELECTRIC&GAS CO	KEARNY	1048472	1202205	-12.8%
JERSEY CENTRAL POWER&LIGHT CO	GILBERT	1066962	1331905	-19.9%
PUBLIC SERVICE ELECTRIC&GAS CO	MERCER	11941398	12007153	-0.5%
JERSEY CENTRAL POWER&LIGHT CO	WERNER	415264	470657	-11.8%
JERSEY CENTRAL POWER&LIGHT CO	SAYREVILLE	3180352	3855303	-17.5%
PUBLIC SERVICE ELECTRIC&GAS CO	SEWAREN	4349221	4170784	4.3%
ATLANTIC CITY ELECTRIC CO	DEEPWATER	5487062	5245211	4.6%
PUBLIC SERVICE ELECTRIC&GAS CO	LINDEN	6364965	7853537	-19.0%
		70507994	73664003	-4.3%
NEW YORK				
NIAGARA MOHAWK POWER CORP	ALBANY	11130920	9674675	15.1%
NEW YORK STATE ELEC & GAS CORP	GOUDAY	3598869	3292802	9.3%
NIAGARA MOHAWK POWER CORP	DUNKIRK	16211098	14998809	8.1%
JAMESTOWN CITY OF	S A CARLSON	1342533	1142201	17.5%
NEW YORK STATE ELEC & GAS CORP	JENNISON	1949703	1912920	1.9%
NIAGARA MOHAWK POWER CORP	C R HUNTLEY	20765186	17701534	17.3%
CONSOLIDATED EDISON CO-NY INC	HUDSON AVENUE	3587545	2157899	66.3%
ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 3	1842985	1938041	-4.9%
ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 7	6633046	5681130	16.8%
LONG ISLAND LIGHTING CO	E F BARRETT	11623544	10750046	8.1%
LONG ISLAND LIGHTING CO	GLENWOOD	5836596	5141742	13.5%

Based on 1985 through 1992 Form EIA-767 Fuel Use
and Heat Content Data.

Appendix F
Comparison of 1990 and Average Heat Input

UTILITY	PLANT	Five Month Heat Input (MMBtu)		Percent from Average
		1990 Actual	Average	
CONSOLIDATED EDISON CO-NY INC	EAST RIVER	8522764	7603936	12.1%
CONSOLIDATED EDISON CO-NY INC	WATERSIDE	8772012	5640199	55.5%
CONSOLIDATED EDISON CO-NY INC	59TH STREET	1424839	964080	47.8%
CONSOLIDATED EDISON CO-NY INC	74TH STREET	2312977	1721695	34.3%
NEW YORK STATE ELEC & GAS CORP	SOMERSET	21206019	19644583	7.9%
CENTRAL HUDSON GAS & ELEC CORP	DANSKAMMER	13272883	10920618	21.5%
CENTRAL HUDSON GAS & ELEC CORP	ROSETON	24722958	23062027	7.2%
NIAGARA MOHAWK POWER CORP	OSWEGO	24347913	14871792	63.7%
POWER AUTHORITY OF STATE OF NY	CHARLES POLETTI	11461433	12551297	-8.7%
CONSOLIDATED EDISON CO-NY INC	RAVENSWOOD	34802770	28031229	24.2%
LONG ISLAND LIGHTING CO	FAR ROCKAWAY	2740456	2539636	7.9%
CONSOLIDATED EDISON CO-NY INC	ASTORIA	28761292	24090495	19.4%
CONSOLIDATED EDISON CO-NY INC	ARTHUR KILL	9983685	9945458	0.4%
ORANGE & ROCKLAND UTILS INC	BOWLINE POINT	25370744	20679305	22.7%
ORANGE & ROCKLAND UTILS INC	LOVETT	9590405	8211344	16.8%
NEW YORK STATE ELEC & GAS CORP	HICKLING	2818909	2598088	8.5%
LONG ISLAND LIGHTING CO	NORTHPORT	32267311	30960714	4.2%
LONG ISLAND LIGHTING CO	PORT JEFFERSON	8778701	8912442	-1.5%
NEW YORK STATE ELEC & GAS CORP	MILLIKEN	9490271	8158829	16.3%
NEW YORK STATE ELEC & GAS CORP	GREENIDGE	3723658	4052500	-8.1%
		368894025	319552066	15.4%
PENNSYLVANIA				
DUQUESNE LIGHT CO	CHESWICK	14674157	14953730	-1.9%
PENNSYLVANIA ELECTRIC CO	KEYSTONE	45583307	47295706	-3.6%
WEST PENN POWER CO	ARMSTRONG	9729304	9871909	-1.4%
PENNSYLVANIA POWER CO	BRUCE MANSFIELD	57589014	56132730	2.6%
METROPOLITAN EDISON CO	TITUS	5415698	5034801	7.6%
PENNSYLVANIA ELECTRIC CO	WILLIAMSBURG	229890	433036	-46.9%
PHILADELPHIA ELECTRIC CO	CROMBY	2920807	4405607	-33.7%
PENNSYLVANIA ELECTRIC CO	SHAWVILLE	15860472	15737206	0.8%
PHILADELPHIA ELECTRIC CO	EDDYSTONE	13766334	15168139	-9.2%
PENNSYLVANIA ELECTRIC CO	FRONT STREET	2125432	2531154	-16.0%
WEST PENN POWER CO	HATFIELD'S FERRY	37013588	40275697	-8.1%

Based on 1985 through 1992 Form EIA-767 Fuel Use
and Heat Content Data.

Appendix F
Comparison of 1990 and Average Heat Input

UTILITY	PLANT	Five Month Heat Input (MMBtu)		Percent from Average
		1990 Actual	Average	
PENNSYLVANIA ELECTRIC CO	CONEMAUGH	45065347	44928512	0.3%
PENNSYLVANIA ELECTRIC CO	HOMER CITY	48127800	46195819	4.2%
PENNSYLVANIA ELECTRIC CO	SEWARD	5831774	5969319	-2.3%
PENNSYLVANIA POWER & LIGHT CO	HOLTWOOD	2557955	1898842	34.7%
PENNSYLVANIA POWER CO	NEW CASTLE	6995337	7398052	-5.4%
UGI CORP	HUNLOCK POWER	1870785	1823188	2.6%
PENNSYLVANIA POWER & LIGHT CO	MONTOUR	39534957	38330188	3.1%
METROPOLITAN EDISON CO	PORTLAND	8274798	6846787	20.9%
PENNSYLVANIA POWER & LIGHT CO	MARTINS CREEK	17350831	22037536	-21.3%
PHILADELPHIA ELECTRIC CO	DELAWARE	2100227	1824915	15.1%
PHILADELPHIA ELECTRIC CO	SCHUYLKILL	1384331	1349016	2.6%
PENNSYLVANIA POWER & LIGHT CO	SUNBURY	11703134	11120249	5.2%
PENNSYLVANIA ELECTRIC CO	WARREN	2285973	2363128	-3.3%
DUQUESNE LIGHT CO	ELRAMA	7135985	8834218	-19.2%
WEST PENN POWER CO	MITCHELL	5626601	5082870	10.7%
PENNSYLVANIA POWER & LIGHT CO	BRUNNER ISLAND	36051785	35263525	2.2%
		446805623	453105879	-1.4%
RHODE ISLAND				
NEW ENGLAND POWER CO	MANCHESTER STREET	2071237	1616354	28.1%
NEW ENGLAND POWER CO	SOUTH STREET	2125844	1327554	60.1%
		4197081	2943908	42.6%
VERMONT				
BURLINGTON CITY OF	J C MCNEIL	496800	294586	68.6%
		496800	294586	68.6%
VIRGINIA				
VIRGINIA ELECTRIC & POWER CO	POSSUM POINT	10959467	13035493	-15.9%
POTOMAC ELECTRIC POWER CO	POTOMAC RIVER	11073011	10348298	7.0%
		22032478	23383791	-5.8%
OZONE TRANSPORT REGION				
		1295992106	1237545128	4.7%

Based on 1985 through 1992 Form EIA-767 Fuel Use
and Heat Content Data.

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)		
				Fuel	1990	% from Average	Average	1990	% from Average
CONNECTICUT									
544	CONNECTICUT LIGHT & POWER CO	DEVON	3	oil	4452.0	3747.0	18.8	673201	564041
544	CONNECTICUT LIGHT & POWER CO	DEVON	4A	oil	1083.6	1166.9	-7.1	163831	175876
544	CONNECTICUT LIGHT & POWER CO	DEVON	4B	oil	1083.6	1166.9	-7.1	163831	175875
544	CONNECTICUT LIGHT & POWER CO	DEVON	5A	oil	1062.6	1078.0	-1.4	160709	162576
544	CONNECTICUT LIGHT & POWER CO	DEVON	5B	oil	1062.6	1078.0	-1.4	160709	162543
544	CONNECTICUT LIGHT & POWER CO	DEVON	6	oil	4699.8	3997.8	17.6	710757	602052
544	CONNECTICUT LIGHT & POWER CO	DEVON	7	oil	15262.8	11263.9	35.5	2308362	1696608
544	CONNECTICUT LIGHT & POWER CO	DEVON	8	oil	12117.0	11272.3	7.5	1832399	1696803
546	CONNECTICUT LIGHT & POWER CO	MONTVILLE	5	gas	1297.4	1013.5	28.0	1336322	1043866
546	CONNECTICUT LIGHT & POWER CO	MONTVILLE	5	oil	2625.0	2030.2	29.3	397292	304413
546	CONNECTICUT LIGHT & POWER CO	MONTVILLE	6	oil	20785.8	20746.4	0.2	3143455	3116759
548	CONNECTICUT LIGHT & POWER CO	NORWALK HARBOR	1	oil	22012.2	22042.1	-0.1	3331966	3312886
548	CONNECTICUT LIGHT & POWER CO	NORWALK HARBOR	2	oil	24255.0	22478.4	7.9	3672522	3378453
562	CONNECTICUT LIGHT & POWER CO	MIDDLETOWN	1	oil	2671.2	3330.0	-19.8	399857	496822
562	CONNECTICUT LIGHT & POWER CO	MIDDLETOWN	2	oil	7110.6	8898.8	-20.1	1064998	1328048
562	CONNECTICUT LIGHT & POWER CO	MIDDLETOWN	3	oil	24948.0	20755.4	20.2	3733325	3099025
562	CONNECTICUT LIGHT & POWER CO	MIDDLETOWN	4	oil	8047.2	9502.5	-15.3	1201175	1416760
563	CONNECTICUT LIGHT & POWER CO	MID-CONN/S. MEADOW	11	coal	15800.0	7800.0	102.6	410800	203194
563	CONNECTICUT LIGHT & POWER CO	MID-CONN/S. MEADOW	11	gas	0.5	1.5	-66.7	515	1501
563	CONNECTICUT LIGHT & POWER CO	MID-CONN/S. MEADOW	12	coal	5300.0	4566.7	16.1	137800	118994
563	CONNECTICUT LIGHT & POWER CO	MID-CONN/S. MEADOW	12	gas	0.5	1.5	-66.7	515	1501
563	CONNECTICUT LIGHT & POWER CO	MID-CONN/S. MEADOW	13	coal	5400.0	6600.0	-18.2	140400	172000
563	CONNECTICUT LIGHT & POWER CO	MID-CONN/S. MEADOW	13	gas	0.5	1.4	-64.3	515	1373
568	UNITED ILLUMINATING CO	BRIDGEPORT HARBOR	BHB1	oil	10117.8	7881.3	28.4	1528483	1186892
568	UNITED ILLUMINATING CO	BRIDGEPORT HARBOR	BHB2	oil	22167.6	20173.1	9.9	3349108	3040542
568	UNITED ILLUMINATING CO	BRIDGEPORT HARBOR	BHB3	coal	413900.0	368525.0	12.3	10954173	9758217
568	UNITED ILLUMINATING CO	BRIDGEPORT HARBOR	BHB3	oil	29.4	697.2	-95.8	4439	104885
569	UNITED ILLUMINATING CO	ENGLISH	EB13	oil	373.8	525.0	-28.8	56703	78900
569	UNITED ILLUMINATING CO	ENGLISH	EB14	oil	571.2	714.0	-20.0	86878	107429
6156	UNITED ILLUMINATING CO	NEW HAVEN HARBOR	NHB1	gas	1972.5	1350.5	48.1	2037089	1393968
6156	UNITED ILLUMINATING CO	NEW HAVEN HARBOR	NHB1	oil	49375.2	47774.0	3.4	7477918	7210193
6635	WALLINGFORD TOWN OF	PIERCE	1	oil	0.0	34.7	-100.0	0	5011
6635	WALLINGFORD TOWN OF	PIERCE	2	oil	21.0	34.3	-38.8	3036	4967
6635	WALLINGFORD TOWN OF	PIERCE	3	oil	25.2	18.9	33.3	3644	2738

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	-	DOE Boiler ID	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)			
					Fuel	1990	Average	% from Average	1990	Average	% from Average
DELAWARE											
592	DELMARVA POWER & LIGHT CO	DELAWARE CITY		B1	gas	531.6	506.2	5.0	578682	574054	0.8
592	DELMARVA POWER & LIGHT CO	DELAWARE CITY		B1	oil	176.4	412.8	-57.3	26641	61847	-56.9
592	DELMARVA POWER & LIGHT CO	DELAWARE CITY		B2	gas	662.0	523.5	28.5	711839	593054	20.0
592	DELMARVA POWER & LIGHT CO	DELAWARE CITY		B2	oil	117.6	417.0	-71.8	17702	62495	-71.7
592	DELMARVA POWER & LIGHT CO	DELAWARE CITY		B3	gas	473.9	489.6	-3.2	517934	554991	-6.7
592	DELMARVA POWER & LIGHT CO	DELAWARE CITY		B3	oil	373.8	528.0	-29.2	56299	79280	-29.0
592	DELMARVA POWER & LIGHT CO	DELAWARE CITY		B4	gas	813.7	591.2	37.6	908359	673408	34.9
592	DELMARVA POWER & LIGHT CO	DELAWARE CITY		B4	oil	155.4	909.0	-82.9	23354	136331	-82.9
593	DELMARVA POWER & LIGHT CO	EDGE MOOR		3	coal	90800.0	82675.0	9.8	2393005	2221128	7.7
593	DELMARVA POWER & LIGHT CO	EDGE MOOR		3	oil	172.2	429.5	-59.9	25610	63888	-59.9
593	DELMARVA POWER & LIGHT CO	EDGE MOOR		4	coal	126900.0	161400.0	-21.4	3340499	4336706	-23.0
593	DELMARVA POWER & LIGHT CO	EDGE MOOR		4	oil	1260.0	524.5	140.2	189295	78530	141.0
593	DELMARVA POWER & LIGHT CO	EDGE MOOR		5	gas	1355.1	1805.5	-24.9	1404288	1871165	-25.0
593	DELMARVA POWER & LIGHT CO	EDGE MOOR		5	oil	31722.6	36350.2	-12.7	4789104	5483725	-12.7
594	DELMARVA POWER & LIGHT CO	INDIAN RIVER		1	coal	69600.0	82162.5	-15.3	1810444	2127304	-14.9
594	DELMARVA POWER & LIGHT CO	INDIAN RIVER		1	oil	46.2	453.6	-89.8	6316	61454	-89.7
594	DELMARVA POWER & LIGHT CO	INDIAN RIVER		2	coal	81200.0	85762.5	-6.3	2116819	2220911	-4.7
594	DELMARVA POWER & LIGHT CO	INDIAN RIVER		2	oil	126.0	288.8	-58.4	17373	39346	-55.8
594	DELMARVA POWER & LIGHT CO	INDIAN RIVER		3	coal	170400.0	160288.0	8.3	4453713	4149785	7.3
594	DELMARVA POWER & LIGHT CO	INDIAN RIVER		3	oil	483.0	581.8	-14.0	67048	76747	-12.6
594	DELMARVA POWER & LIGHT CO	INDIAN RIVER		4	coal	338100.0	346400.0	-2.4	8702920	9023226	-3.5
594	DELMARVA POWER & LIGHT CO	INDIAN RIVER		4	oil	323.4	496.7	-34.9	44853	67837	-33.9
599	DOVER CITY OF (DE)	MCKEE RUN		1	gas	333.2	139.9	138.2	344473	144382	138.6
599	DOVER CITY OF (DE)	MCKEE RUN		1	oil	0.0	593.8	-100.0	0	90091	-100.0
599	DOVER CITY OF (DE)	MCKEE RUN		2	gas	198.9	102.5	94.0	205538	105819	94.2
599	DOVER CITY OF (DE)	MCKEE RUN		2	oil	0.0	273.0	-100.0	0	41409	-100.0
599	DOVER CITY OF (DE)	MCKEE RUN		3	gas	110.5	116.4	-5.1	114250	120539	-5.2
599	DOVER CITY OF (DE)	MCKEE RUN		3	oil	11382.0	11494.9	-1.0	1724574	1740072	-0.9
DISTRICT OF COLUMBIA											
603	POTOMAC ELECTRIC POWER CO	BENNING		15	oil	13788.6	8664.1	59.1	1977741	1241991	59.2
603	POTOMAC ELECTRIC POWER CO	BENNING		16	oil	12247.2	9680.0	26.5	1751865	1386657	26.3

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)			
				Fuel	1990	% from Average	1990	Average	% from Average	
MAINE										
1470	BANGOR HYDRO-ELECTRIC CO	GRAHAM STATION	3	oil	75.6	138.6	-45.5	11460	20832	-45.0
1470	BANGOR HYDRO-ELECTRIC CO	GRAHAM STATION	4	oil	168.0	288.0	-41.7	25461	43304	-41.2
1470	BANGOR HYDRO-ELECTRIC CO	GRAHAM STATION	5	oil	382.2	521.4	-26.7	57933	78432	-26.1
1496	CENTRAL MAINE POWER CO	MASON STEAM	3	oil	205.8	217.6	-5.4	30979	32748	-5.4
1496	CENTRAL MAINE POWER CO	MASON STEAM	4	oil	239.4	179.8	33.1	36036	27050	33.2
1496	CENTRAL MAINE POWER CO	MASON STEAM	5	oil	163.8	122.6	33.6	24657	18442	33.7
1507	CENTRAL MAINE POWER CO	WILLIAM F WYMAN	1	oil	2851.8	2618.7	8.9	428833	393818	8.9
1507	CENTRAL MAINE POWER CO	WILLIAM F WYMAN	2	oil	2499.0	2847.6	-12.2	376110	428304	-12.2
1507	CENTRAL MAINE POWER CO	WILLIAM F WYMAN	3	oil	8253.0	10875.4	-24.1	1241914	1635140	-24.0
1507	CENTRAL MAINE POWER CO	WILLIAM F WYMAN	4	oil	59850.0	38334.5	56.1	8992486	5753160	56.3
1513	MAINE PUBLIC SERVICE CO	CARIBOU	1	oil	50.4	48.7	3.5	7544	7342	2.8
1513	MAINE PUBLIC SERVICE CO	CARIBOU	2	oil	50.4	86.5	-41.7	7543	13042	-42.2
MARYLAND										
1552	BALTIMORE GAS & ELECTRIC CO	C P CRANE	1	coal	136300.0	108575.0	25.5	3633282	2878700	26.2
1552	BALTIMORE GAS & ELECTRIC CO	C P CRANE	1	oil	138.6	115.0	20.5	19134	15963	19.9
1552	BALTIMORE GAS & ELECTRIC CO	C P CRANE	2	coal	172300.0	141300.0	21.9	4800601	3749762	22.7
1552	BALTIMORE GAS & ELECTRIC CO	C P CRANE	2	oil	180.6	111.0	62.7	24953	15382	62.2
1553	BALTIMORE GAS & ELECTRIC CO	GOULD STREET	3	oil	10428.6	5966.6	74.8	1561861	894270	74.7
1554	BALTIMORE GAS & ELECTRIC CO	HERBERT A WAGNER	1	gas	1881.1	1353.7	39.0	1955656	1412828	38.4
1554	BALTIMORE GAS & ELECTRIC CO	HERBERT A WAGNER	1	oil	0.0	1944.6	-100.0	0	291033	-100.0
1554	BALTIMORE GAS & ELECTRIC CO	HERBERT A WAGNER	2	coal	136000.0	118100.0	15.2	3531666	3052742	15.7
1554	BALTIMORE GAS & ELECTRIC CO	HERBERT A WAGNER	2	gas	151.2	137.3	10.1	157330	143082	10.0
1554	BALTIMORE GAS & ELECTRIC CO	HERBERT A WAGNER	3	coal	300100.0	296063.0	1.4	7792541	7876450	1.5
1554	BALTIMORE GAS & ELECTRIC CO	HERBERT A WAGNER	3	gas	276.2	118.1	133.9	287320	123124	133.4
1554	BALTIMORE GAS & ELECTRIC CO	HERBERT A WAGNER	4	gas	11.3	32.8	-65.5	11748	34375	-65.8
1554	BALTIMORE GAS & ELECTRIC CO	HERBERT A WAGNER	4	oil	22965.6	18251.1	25.8	3430856	2730425	25.7
1559	BALTIMORE GAS & ELECTRIC CO	RIVERSIDE	1	gas	9.4	10.2	-7.8	9768	10645	-8.2
1559	BALTIMORE GAS & ELECTRIC CO	RIVERSIDE	1	oil	6699.0	3339.0	100.6	1000626	499110	100.5
1559	BALTIMORE GAS & ELECTRIC CO	RIVERSIDE	2	gas	23.0	19.7	16.8	23898	20632	15.8
1559	BALTIMORE GAS & ELECTRIC CO	RIVERSIDE	2	oil	5405.4	2449.1	120.7	807083	366247	120.4
1559	BALTIMORE GAS & ELECTRIC CO	RIVERSIDE	3	gas	14.1	35.5	-60.3	14675	37180	-60.5
1559	BALTIMORE GAS & ELECTRIC CO	RIVERSIDE	3	oil	4746.0	2710.6	75.1	708854	405737	74.7
1559	BALTIMORE GAS & ELECTRIC CO	RIVERSIDE	4	gas	1265.9	498.4	154.0	1317523	520122	153.3
1559	BALTIMORE GAS & ELECTRIC CO	RIVERSIDE	4	oil	29.4	1638.0	-98.2	4414	245794	-98.2
1559	BALTIMORE GAS & ELECTRIC CO	RIVERSIDE	5	gas	17.3	18.5	-6.5	17996	19334	-6.9
1559	BALTIMORE GAS & ELECTRIC CO	RIVERSIDE	5	oil	8706.6	3804.7	128.8	1300050	568849	128.5
1560	BALTIMORE GAS & ELECTRIC CO	WESTPORT	3	oil	5863.2	2825.0	107.5	876404	422113	107.6
1560	BALTIMORE GAS & ELECTRIC CO	WESTPORT	4	oil	8647.8	3995.8	116.4	1292807	597553	116.4
1564	DELMARVA POWER & LIGHT CO	VIENNA	8	oil	9643.2	12886.3	-25.2	1448016	1943573	-25.5

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Fuel	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)		
					1990	Average	% from Average	1990	Average	% from Average
1570	POTOMAC EDISON CO	R P SMITH	11	coal	75200.0	81400.0	-7.6	1903788	2025947	-6.0
1570	POTOMAC EDISON CO	R P SMITH	11	oil	88.2	66.7	32.2	12436	9402	32.3
1570	POTOMAC EDISON CO	R P SMITH	9	coal	1300.0	7337.5	-82.3	33523	182465	-81.6
1570	POTOMAC EDISON CO	R P SMITH	9	oil	16.8	28.4	-40.8	2369	3997	-40.7
1571	POTOMAC ELECTRIC POWER CO	CHALK POINT	1	coal	346500.0	344838.0	0.5	8839094	8695355	1.7
1571	POTOMAC ELECTRIC POWER CO	CHALK POINT	1	oil	344.4	264.6	30.2	47188	36504	29.3
1571	POTOMAC ELECTRIC POWER CO	CHALK POINT	2	coal	347000.0	351550.0	-1.3	8854003	8865020	-0.1
1571	POTOMAC ELECTRIC POWER CO	CHALK POINT	2	oil	357.0	307.7	16.0	48971	42433	15.4
1571	POTOMAC ELECTRIC POWER CO	CHALK POINT	3	gas	3723.8	1777.6	109.5	3889180	1861689	108.9
1571	POTOMAC ELECTRIC POWER CO	CHALK POINT	3	oil	28782.6	32035.5	-10.2	4311398	4791004	-10.0
1571	POTOMAC ELECTRIC POWER CO	CHALK POINT	4	gas	2188.5	2435.4	-10.1	2288039	2552712	-10.4
1571	POTOMAC ELECTRIC POWER CO	CHALK POINT	4	oil	19238.0	20761.7	-7.3	2888053	3112653	-7.2
1572	POTOMAC ELECTRIC POWER CO	DICKERSON	1	coal	193200.0	189600.0	1.9	4861778	4862652	0.0
1572	POTOMAC ELECTRIC POWER CO	DICKERSON	1	oil	88.2	205.3	-57.0	12153	28397	-57.2
1572	POTOMAC ELECTRIC POWER CO	DICKERSON	2	coal	196400.0	184650.0	6.4	4929743	4675371	5.4
1572	POTOMAC ELECTRIC POWER CO	DICKERSON	2	oil	92.4	170.6	-45.8	12725	23596	-46.1
1572	POTOMAC ELECTRIC POWER CO	DICKERSON	3	coal	191400.0	194275.0	-1.5	4794639	4920640	-2.6
1572	POTOMAC ELECTRIC POWER CO	DICKERSON	3	oil	105.0	160.7	-34.7	14455	22226	-35.0
1573	POTOMAC ELECTRIC POWER CO	MORGANTOWN	1	coal	600000.0	497888.0	20.5	15310043	12585162	21.7
1573	POTOMAC ELECTRIC POWER CO	MORGANTOWN	1	oil	520.8	1245.3	-58.2	77806	184898	-58.0
1573	POTOMAC ELECTRIC POWER CO	MORGANTOWN	2	coal	587200.0	545038.0	7.7	14919328	13757387	8.4
1573	POTOMAC ELECTRIC POWER CO	MORGANTOWN	2	oil	970.2	1812.3	-48.5	144570	270516	-46.6
602	BALTIMORE GAS & ELECTRIC CO	BRANDON SHORES	1	coal	671000.0	650163.0	3.2	17087339	16444957	3.9
602	BALTIMORE GAS & ELECTRIC CO	BRANDON SHORES	1	oil	453.6	609.0	-25.5	62666	84467	-25.8
602	BALTIMORE GAS & ELECTRIC CO	BRANDON SHORES	2	coal	0.0	400800.0	-100.0	0	10188711	-100.0
602	BALTIMORE GAS & ELECTRIC CO	BRANDON SHORES	2	oil	0.0	613.2	-100.0	0	84736	-100.0

MASSACHUSETTS

1588	BOSTON EDISON CO	MYSTIC	4	oil	19051.2	15541.1	22.6	2889795	2329640	23.2
1588	BOSTON EDISON CO	MYSTIC	5	oil	16073.4	12010.4	33.8	2421265	1799992	34.5
1588	BOSTON EDISON CO	MYSTIC	6	oil	13944.0	15461.3	-9.8	2099851	2318312	-9.4
1588	BOSTON EDISON CO	MYSTIC	7	gas	11578.4	7114.1	62.7	12517190	7509370	66.7
1588	BOSTON EDISON CO	MYSTIC	7	oil	9681.0	28476.0	-86.0	1461248	4274988	-85.8
1589	BOSTON EDISON CO	NEW BOSTON	1	gas	6712.5	5563.9	20.6	6938843	5745284	20.8
1589	BOSTON EDISON CO	NEW BOSTON	1	oil	11558.4	24687.1	-53.1	1751322	3693483	-52.6
1589	BOSTON EDISON CO	NEW BOSTON	2	gas	8315.5	5044.1	64.9	8594540	5202038	65.2
1589	BOSTON EDISON CO	NEW BOSTON	2	oil	12234.6	17267.8	-29.1	1858348	2572255	-27.8
1594	CAMBRIDGE ELECTRIC LIGHT CO	BLACKSTONE STREET	11	gas	40.9	39.5	3.5	40900	39457	3.7
1594	CAMBRIDGE ELECTRIC LIGHT CO	BLACKSTONE STREET	11	oil	54.6	61.8	-11.7	8301	9235	-10.1
1594	CAMBRIDGE ELECTRIC LIGHT CO	BLACKSTONE STREET	12	gas	51.8	44.2	17.2	51800	44200	17.2
1594	CAMBRIDGE ELECTRIC LIGHT CO	BLACKSTONE STREET	12	oil	67.2	50.4	33.3	10210	7546	35.3

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)			
				Fuel	1990 Average	% from Average	1990	Average	% from Average	
1594	CAMBRIDGE ELECTRIC LIGHT CO	BLACKSTONE STREET	5	gas	37.5	50.1	-25.1	37500	50086	-25.1
1594	CAMBRIDGE ELECTRIC LIGHT CO	BLACKSTONE STREET	5	oil	33.6	72.6	-53.7	5094	10830	-53.0
1594	CAMBRIDGE ELECTRIC LIGHT CO	BLACKSTONE STREET	6	gas	13.7	10.5	30.5	13700	10529	30.1
1594	CAMBRIDGE ELECTRIC LIGHT CO	BLACKSTONE STREET	6	oil	33.6	14.4	133.3	5108	2164	136.0
1595	CAMBRIDGE ELECTRIC LIGHT CO	KENDALL SQUARE	1	gas	236.7	220.7	7.2	236700	220657	7.3
1595	CAMBRIDGE ELECTRIC LIGHT CO	KENDALL SQUARE	1	oil	319.2	385.2	-17.1	47341	57483	-17.6
1595	CAMBRIDGE ELECTRIC LIGHT CO	KENDALL SQUARE	2	gas	144.5	223.0	-35.2	144500	223043	-35.2
1595	CAMBRIDGE ELECTRIC LIGHT CO	KENDALL SQUARE	2	oil	142.8	348.6	-59.0	21192	52061	-59.3
1595	CAMBRIDGE ELECTRIC LIGHT CO	KENDALL SQUARE	3	gas	665.9	653.1	2.0	665900	669424	-0.5
1595	CAMBRIDGE ELECTRIC LIGHT CO	KENDALL SQUARE	3	oil	651.0	1293.6	-49.7	97877	193425	-49.4
1599	CANAL ELECTRIC CO	CANAL	1	oil	68212.2	74467.5	-8.4	10260896	11216381	-8.5
1599	CANAL ELECTRIC CO	CANAL	2	oil	73038.0	89809.1	-18.7	10978682	13527339	-18.8
1606	HOLYoke WATER POWER CO	MOUNT TOM	1	coal	182900.0	163338.0	12.0	4751784	4337942	9.5
1606	HOLYoke WATER POWER CO	MOUNT TOM	1	oil	75.6	45.0	68.0	10502	6223	68.8
1613	MONTAUP ELECTRIC CO	SOMERSET	7	coal	75400.0	65937.5	14.4	1969373	1739666	13.2
1613	MONTAUP ELECTRIC CO	SOMERSET	7	oil	1667.4	1165.5	43.1	246072	171619	43.4
1613	MONTAUP ELECTRIC CO	SOMERSET	8	coal	59800.0	96237.5	-37.9	1562840	2537954	-38.4
1613	MONTAUP ELECTRIC CO	SOMERSET	8	oil	898.8	1093.6	-17.8	132330	160962	-17.8
1616	COMMONWEALTH ELECTRIC CO	CANNON STREET	1	gas	97.6	98.3	-0.7	97600	98271	-0.7
1616	COMMONWEALTH ELECTRIC CO	CANNON STREET	1	oil	159.6	272.4	-41.4	23946	40982	-41.6
1616	COMMONWEALTH ELECTRIC CO	CANNON STREET	2	gas	97.6	98.3	-0.7	97600	98300	-0.7
1616	COMMONWEALTH ELECTRIC CO	CANNON STREET	2	oil	159.6	274.8	-41.9	23946	41351	-42.1
1616	COMMONWEALTH ELECTRIC CO	CANNON STREET	3	gas	238.0	250.1	-4.8	238000	250129	-4.8
1616	COMMONWEALTH ELECTRIC CO	CANNON STREET	3	oil	390.6	709.8	-45.0	58604	106810	-45.1
1619	NEW ENGLAND POWER CO	BRAYTON POINT	1	coal	292500.0	260838.0	12.1	7600383	6833754	11.2
1619	NEW ENGLAND POWER CO	BRAYTON POINT	1	oil	403.2	508.7	-20.7	56516	74766	-24.4
1619	NEW ENGLAND POWER CO	BRAYTON POINT	2	coal	313300.0	266050.0	17.8	8148090	6972790	16.9
1619	NEW ENGLAND POWER CO	BRAYTON POINT	2	oil	130.2	1680.5	-92.3	19166	249201	-92.3
1619	NEW ENGLAND POWER CO	BRAYTON POINT	3	coal	380700.0	447863.0	-15.0	9864211	11729421	-15.9
1619	NEW ENGLAND POWER CO	BRAYTON POINT	3	oil	1684.2	969.2	73.8	234109	139657	67.6
1619	NEW ENGLAND POWER CO	BRAYTON POINT	4	oil	60685.8	53075.4	14.3	9049595	7943195	13.9
1626	NEW ENGLAND POWER CO	SALEM HARBOR	1	coal	103600.0	90262.5	14.8	2682245	2353185	14.0
1626	NEW ENGLAND POWER CO	SALEM HARBOR	1	oil	147.0	189.5	-22.4	22178	28308	-21.7
1626	NEW ENGLAND POWER CO	SALEM HARBOR	2	coal	106400.0	97662.5	8.9	2755167	2542946	8.3
1626	NEW ENGLAND POWER CO	SALEM HARBOR	2	oil	310.8	194.8	59.5	46933	29233	60.5
1626	NEW ENGLAND POWER CO	SALEM HARBOR	3	coal	141900.0	163038.0	-13.0	3671865	4248790	-13.6
1626	NEW ENGLAND POWER CO	SALEM HARBOR	3	oil	390.6	336.0	16.3	58929	50325	17.1
1626	NEW ENGLAND POWER CO	SALEM HARBOR	4	oil	68426.4	63010.0	8.6	10338897	9467959	9.2
1642	WESTERN MASSACHUSETTS ELEC CO	WEST SPRINGFIELD	1	oil	277.2	1210.2	-77.1	41627	181496	-77.1
1642	WESTERN MASSACHUSETTS ELEC CO	WEST SPRINGFIELD	2	oil	1087.8	1455.6	-25.3	163878	218478	-25.0
1642	WESTERN MASSACHUSETTS ELEC CO	WEST SPRINGFIELD	3	gas	1535.7	1232.5	24.6	1560726	1236610	26.2

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)			
				Fuel	1990	Average	% from Average	1990	Average	% from Average
1642	WESTERN MASSACHUSETTS ELEC CO	WEST SPRINGFIELD	3	oil	1650.6	3386.3	-51.3	248706	509966	-51.2
1682	TAUNTON CITY OF	CLEARY FLOOD	8	oil	730.8	605.9	20.6	109620	90835	20.7
1682	TAUNTON CITY OF	CLEARY FLOOD	9	gas	874.7	730.5	19.7	901816	752252	19.9
1682	TAUNTON CITY OF	CLEARY FLOOD	9	oil	105.0	921.4	-88.6	15750	137596	-88.6
9864	HOLYOKE GAS & ELECTRIC CO	CABOT-HOLYOKE	5	gas	3.1	4.7	-34.0	3205	4817	-33.5
9864	HOLYOKE GAS & ELECTRIC CO	CABOT-HOLYOKE	5	oil	0.0	27.0	-100.0	0	4069	-100.0
9864	HOLYOKE GAS & ELECTRIC CO	CABOT-HOLYOKE	6	gas	36.9	22.7	62.6	38132	23280	63.8
9864	HOLYOKE GAS & ELECTRIC CO	CABOT-HOLYOKE	6	oil	33.6	79.2	-57.6	5092	11945	-57.4
9864	HOLYOKE GAS & ELECTRIC CO	CABOT-HOLYOKE	7	gas	0.7	1.9	-63.2	723	2009	-64.0
9864	HOLYOKE GAS & ELECTRIC CO	CABOT-HOLYOKE	8	gas	5.2	6.7	-22.4	5376	6915	-22.3
9864	HOLYOKE GAS & ELECTRIC CO	CABOT-HOLYOKE	8	oil	4.2	40.3	-89.6	640	6056	-89.4
NEW HAMPSHIRE										
2364	PUBLIC SERVICE CO OF NH	MERRIMACK	1	coal	127400.0	127238.0	0.1	3382391	3385402	-0.1
2364	PUBLIC SERVICE CO OF NH	MERRIMACK	1	oil	4.2	5.8	-27.6	581	800	-27.4
2364	PUBLIC SERVICE CO OF NH	MERRIMACK	2	coal	223100.0	260275.0	-14.3	5912818	6900709	-14.4
2364	PUBLIC SERVICE CO OF NH	MERRIMACK	2	oil	18.8	11.6	44.8	2333	1605	45.4
2367	PUBLIC SERVICE CO OF NH	SCHILLER	1	oil	1155.0	539.7	114.0	179668	83671	114.7
2367	PUBLIC SERVICE CO OF NH	SCHILLER	2	oil	1155.0	537.6	114.8	179668	83350	115.6
2367	PUBLIC SERVICE CO OF NH	SCHILLER	4	coal	10600.0	19587.5	-46.9	279638	528119	-47.1
2367	PUBLIC SERVICE CO OF NH	SCHILLER	4	oil	5531.4	2997.2	84.6	859547	462695	85.8
2367	PUBLIC SERVICE CO OF NH	SCHILLER	5	coal	10400.0	18150.0	-42.7	273098	484455	-43.6
2367	PUBLIC SERVICE CO OF NH	SCHILLER	5	oil	5913.6	2570.4	130.1	916567	396038	130.9
2367	PUBLIC SERVICE CO OF NH	SCHILLER	6	coal	13400.0	26912.5	-50.2	352195	716221	-50.8
2367	PUBLIC SERVICE CO OF NH	SCHILLER	6	oil	5220.6	2973.1	75.6	810299	458002	76.9
8002	PUBLIC SERVICE CO OF NH	NEWINGTON	1	oil	55150.2	54108.6	1.9	8531869	8380246	1.8
NEW JERSEY										
2378	ATLANTIC CITY ELECTRIC CO	B L ENGLAND	1	coal	120200.0	116675.0	3.0	3042662	2988908	1.9
2378	ATLANTIC CITY ELECTRIC CO	B L ENGLAND	2	coal	144600.0	152275.0	-5.0	3663828	3891682	-5.9
2378	ATLANTIC CITY ELECTRIC CO	B L ENGLAND	3	oil	10844.4	15529.5	-30.2	1639380	2339888	-29.9
2384	ATLANTIC CITY ELECTRIC CO	DEEPWATER	1	gas	807.8	820.8	-1.6	840470	850726	-1.2
2384	ATLANTIC CITY ELECTRIC CO	DEEPWATER	1	oil	2255.4	2691.2	-16.2	335327	403993	-17.0
2384	ATLANTIC CITY ELECTRIC CO	DEEPWATER	4	oil	1549.8	452.8	242.3	229235	67171	241.3
2384	ATLANTIC CITY ELECTRIC CO	DEEPWATER	7	coal	27400.0	34850.0	-21.4	688726	884439	-22.1
2384	ATLANTIC CITY ELECTRIC CO	DEEPWATER	7	oil	928.2	1164.5	-20.3	137561	174326	-21.1
2384	ATLANTIC CITY ELECTRIC CO	DEEPWATER	8	coal	76600.0	71687.5	6.9	1934768	1844626	4.9
2384	ATLANTIC CITY ELECTRIC CO	DEEPWATER	8	gas	1.4	30.7	-95.4	1452	31818	-95.4
2384	ATLANTIC CITY ELECTRIC CO	DEEPWATER	8	oil	58.8	36.6	60.7	8718	5480	59.1
2384	ATLANTIC CITY ELECTRIC CO	DEEPWATER	9	coal	49300.0	38475.0	28.1	1247084	975184	27.9
2384	ATLANTIC CITY ELECTRIC CO	DEEPWATER	9	oil	428.4	884.1	-51.5	63721	132100	-51.8

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)				Five Month Heat Input (MMBtu)			
				Fuel	1990	Average	% from Average	1990	Average	% from Average	
2385	JERSEY CENTRAL POWER&LIGHT CO	WERNER	04	oil	2801.4	3177.6	-11.8	415264	470857	-11.8	
2390	JERSEY CENTRAL POWER&LIGHT CO	SAYREVILLE	02	oil	50.4	72.6	-30.6	7201	10492	-31.4	
2390	JERSEY CENTRAL POWER&LIGHT CO	SAYREVILLE	03	oil	12.6	37.3	-66.2	1835	5449	-66.3	
2390	JERSEY CENTRAL POWER&LIGHT CO	SAYREVILLE	05	gas	43.1	96.3	-55.2	44521	99185	-55.1	
2390	JERSEY CENTRAL POWER&LIGHT CO	SAYREVILLE	05	oil	4.2	23.1	-81.8	626	3399	-81.6	
2390	JERSEY CENTRAL POWER&LIGHT CO	SAYREVILLE	06	gas	156.8	149.4	5.0	161963	153867	5.3	
2390	JERSEY CENTRAL POWER&LIGHT CO	SAYREVILLE	06	oil	21.0	35.7	-41.2	3078	5226	-41.1	
2390	JERSEY CENTRAL POWER&LIGHT CO	SAYREVILLE	07	gas	640.1	1495.8	-57.2	660642	1541613	-57.1	
2390	JERSEY CENTRAL POWER&LIGHT CO	SAYREVILLE	07	oil	3607.8	1900.0	89.9	535531	281055	90.5	
2390	JERSEY CENTRAL POWER&LIGHT CO	SAYREVILLE	08	gas	1018.4	1452.0	-29.9	1051399	1496899	-29.8	
2390	JERSEY CENTRAL POWER&LIGHT CO	SAYREVILLE	08	oil	4800.6	1750.4	174.3	713556	259430	175.0	
2393	JERSEY CENTRAL POWER&LIGHT CO	GILBERT	01	gas	46.1	67.2	-31.4	47553	69180	-31.3	
2393	JERSEY CENTRAL POWER&LIGHT CO	GILBERT	01	oil	382.2	301.9	26.6	57217	45341	26.2	
2393	JERSEY CENTRAL POWER&LIGHT CO	GILBERT	02	gas	30.3	48.8	-37.9	31256	50215	-37.8	
2393	JERSEY CENTRAL POWER&LIGHT CO	GILBERT	02	oil	252.0	236.8	6.4	37732	35591	6.0	
2393	JERSEY CENTRAL POWER&LIGHT CO	GILBERT	03	gas	323.3	415.9	-22.3	333662	429178	-22.3	
2393	JERSEY CENTRAL POWER&LIGHT CO	GILBERT	03	oil	2116.8	2961.5	-28.5	317216	443994	-28.6	
2393	JERSEY CENTRAL POWER&LIGHT CO	GILBERT	04	oil	441.0	507.7	-13.1	61298	70309	-12.8	
2393	JERSEY CENTRAL POWER&LIGHT CO	GILBERT	05	oil	441.0	453.1	-2.7	61309	62291	-1.6	
2393	JERSEY CENTRAL POWER&LIGHT CO	GILBERT	06	oil	457.8	383.3	19.4	63656	53025	20.0	
2393	JERSEY CENTRAL POWER&LIGHT CO	GILBERT	07	oil	403.2	525.5	-23.3	56063	72781	-23.0	
2398	PUBLIC SERVICE ELECTRIC&GAS CO	BERGEN	1	gas	4209.3	4133.7	1.8	4347531	4264102	2.0	
2398	PUBLIC SERVICE ELECTRIC&GAS CO	BERGEN	1	oil	0.0	3293.3	-100.0	0	482949	-100.0	
2398	PUBLIC SERVICE ELECTRIC&GAS CO	BERGEN	2	gas	3074.9	4166.4	-28.2	3174618	4298550	-26.1	
2399	PUBLIC SERVICE ELECTRIC&GAS CO	BURLINGTON	7	oil	6657.0	7156.8	-7.0	1000256	1071459	-6.6	
2403	PUBLIC SERVICE ELECTRIC&GAS CO	HUDSON	1	gas	5547.4	4709.8	17.8	5723598	4903997	16.7	
2403	PUBLIC SERVICE ELECTRIC&GAS CO	HUDSON	2	coal	484400.0	373600.0	29.7	12862184	9875357	30.2	
2403	PUBLIC SERVICE ELECTRIC&GAS CO	HUDSON	2	gas	578.2	1626.2	-64.4	596569	1684706	-64.6	
2404	PUBLIC SERVICE ELECTRIC&GAS CO	KEARNY	7	oil	3179.4	4086.6	-22.2	466659	600973	-22.3	
2404	PUBLIC SERVICE ELECTRIC&GAS CO	KEARNY	8	oil	3964.8	4087.1	-3.0	581813	601232	-3.2	
2406	PUBLIC SERVICE ELECTRIC&GAS CO	LINDEN	11	gas	1.9	1.6	18.8	1959	1597	22.7	
2406	PUBLIC SERVICE ELECTRIC&GAS CO	LINDEN	11	oil	14586.6	14518.9	0.5	2150008	2147156	0.1	
2406	PUBLIC SERVICE ELECTRIC&GAS CO	LINDEN	12	gas	1.9	1.6	18.8	1959	1648	18.9	
2406	PUBLIC SERVICE ELECTRIC&GAS CO	LINDEN	12	oil	14586.6	11452.4	27.4	2150008	1692880	27.0	
2406	PUBLIC SERVICE ELECTRIC&GAS CO	LINDEN	13	gas	0.0	0.5	-100.0	0	515	-100.0	
2406	PUBLIC SERVICE ELECTRIC&GAS CO	LINDEN	13	oil	2759.4	11564.7	-78.1	408129	1709781	-76.1	
2406	PUBLIC SERVICE ELECTRIC&GAS CO	LINDEN	2	gas	3.2	4.0	-20.0	3298	4065	-18.9	
2406	PUBLIC SERVICE ELECTRIC&GAS CO	LINDEN	2	oil	4502.4	10470.1	-57.0	662691	1549262	-57.2	
2406	PUBLIC SERVICE ELECTRIC&GAS CO	LINDEN	4	gas	1.1	0.9	22.2	1134	876	29.5	
2406	PUBLIC SERVICE ELECTRIC&GAS CO	LINDEN	4	oil	6690.6	5084.6	31.6	985779	752283	31.0	
2408	PUBLIC SERVICE ELECTRIC&GAS CO	MERCER	1	coal	222200.0	211900.0	4.9	6092170	5746233	6.0	

Appendix G
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ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)			
				Fuel	1990	Average	% from Average	1990	Average	% from Average
2408	PUBLIC SERVICE ELECTRIC&GAS CO	MERCER	1	gas	618.1	427.2	44.7	636703	440477	44.5
2408	PUBLIC SERVICE ELECTRIC&GAS CO	MERCER	2	coal	172900.0	182150.0	-5.1	4765183	4919852	-3.1
2408	PUBLIC SERVICE ELECTRIC&GAS CO	MERCER	2	gas	434.2	871.8	-50.2	447342	900591	-50.3
2411	PUBLIC SERVICE ELECTRIC&GAS CO	SEWAREN	1	gas	725.5	508.8	42.6	748192	524471	42.7
2411	PUBLIC SERVICE ELECTRIC&GAS CO	SEWAREN	1	oil	214.2	381.7	-43.9	31513	56175	-43.9
2411	PUBLIC SERVICE ELECTRIC&GAS CO	SEWAREN	2	gas	1008.2	933.9	8.0	1039783	962894	8.0
2411	PUBLIC SERVICE ELECTRIC&GAS CO	SEWAREN	2	oil	336.0	1034.8	-67.5	49432	152129	-67.5
2411	PUBLIC SERVICE ELECTRIC&GAS CO	SEWAREN	3	gas	915.4	819.4	11.7	944017	844734	11.8
2411	PUBLIC SERVICE ELECTRIC&GAS CO	SEWAREN	3	oil	285.6	689.3	-58.6	42017	101407	-58.6
2411	PUBLIC SERVICE ELECTRIC&GAS CO	SEWAREN	4	gas	1373.4	1221.9	12.4	1416411	1260305	12.4
2411	PUBLIC SERVICE ELECTRIC&GAS CO	SEWAREN	4	oil	529.2	1828.6	-71.1	77858	268669	-71.0
2434	VINELAND CITY OF	HOWARD DOWN	10	coal	0.0	16828.6	-100.0	0	434692	-100.0
2434	VINELAND CITY OF	HOWARD DOWN	10	oil	1848.0	632.1	192.4	277747	94845	192.8
2434	VINELAND CITY OF	HOWARD DOWN	4	oil	100.8	162.0	-37.8	15139	24396	-37.9
2434	VINELAND CITY OF	HOWARD DOWN	7	oil	268.8	247.2	8.7	40381	37179	8.6
2434	VINELAND CITY OF	HOWARD DOWN	8	oil	659.4	456.0	44.6	99176	68512	44.8
2434	VINELAND CITY OF	HOWARD DOWN	9	oil	1138.2	1152.6	-1.2	171229	173463	-1.3
NEW YORK										
2480	CENTRAL HUDSON GAS & ELEC CORP	DANSKAMMER	1	gas	1654.9	1017.6	62.6	1710616	1048972	63.1
2480	CENTRAL HUDSON GAS & ELEC CORP	DANSKAMMER	1	oil	0.0	1204.9	-100.0	0	179802	-100.0
2480	CENTRAL HUDSON GAS & ELEC CORP	DANSKAMMER	2	gas	1485.2	977.8	49.8	1514408	1009023	50.1
2480	CENTRAL HUDSON GAS & ELEC CORP	DANSKAMMER	2	oil	0.0	731.3	-100.0	0	109028	-100.0
2480	CENTRAL HUDSON GAS & ELEC CORP	DANSKAMMER	3	coal	154700.0	120233.0	28.7	4077903	3143511	29.7
2480	CENTRAL HUDSON GAS & ELEC CORP	DANSKAMMER	3	gas	8.2	64.8	-87.3	8484	68897	-87.3
2480	CENTRAL HUDSON GAS & ELEC CORP	DANSKAMMER	4	coal	223800.0	222567.0	0.6	5906676	5835286	1.2
2480	CENTRAL HUDSON GAS & ELEC CORP	DANSKAMMER	4	gas	53.0	75.5	-29.8	54796	78038	-29.8
2490	CONSOLIDATED EDISON CO-NY INC	ARTHUR KILL	20	oil	31655.4	21959.2	44.2	4681642	3248442	44.1
2490	CONSOLIDATED EDISON CO-NY INC	ARTHUR KILL	30	oil	35880.6	30976.1	15.8	5302043	4573981	15.9
2491	POWER AUTHORITY OF STATE OF NY	CHARLES POLETTI	001	gas	10095.4	10697.0	-5.6	10405892	10863879	-4.2
2491	POWER AUTHORITY OF STATE OF NY	CHARLES POLETTI	001	oil	7257.6	11584.2	-37.2	1055541	1687418	-37.4
2493	CONSOLIDATED EDISON CO-NY INC	EAST RIVER	50	gas	380.1	186.9	103.4	392882	192624	104.0
2493	CONSOLIDATED EDISON CO-NY INC	EAST RIVER	50	oil	13700.4	14132.5	-3.1	2017868	2089784	-3.4
2493	CONSOLIDATED EDISON CO-NY INC	EAST RIVER	60	gas	1180.6	1011.1	16.8	1220203	1043189	17.0
2493	CONSOLIDATED EDISON CO-NY INC	EAST RIVER	60	oil	11881.8	11369.9	4.5	1754043	1682324	4.3
2493	CONSOLIDATED EDISON CO-NY INC	EAST RIVER	70	gas	1380.3	1570.7	-12.1	1426230	1622018	-12.1
2493	CONSOLIDATED EDISON CO-NY INC	EAST RIVER	70	oil	11600.4	6575.1	76.4	1711538	973998	75.7
2496	CONSOLIDATED EDISON CO-NY INC	HUDSON AVENUE	100	oil	24276.0	14242.2	70.5	3587545	2105478	70.4
2500	CONSOLIDATED EDISON CO-NY INC	RAVENSWOOD	10	gas	6886.0	5972.9	15.3	7116156	6165159	15.4
2500	CONSOLIDATED EDISON CO-NY INC	RAVENSWOOD	10	oil	2948.4	1019.0	189.3	437010	150729	189.9
2500	CONSOLIDATED EDISON CO-NY INC	RAVENSWOOD	20	gas	6179.0	5912.7	4.5	6386513	6102366	4.7

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)			
				Fuel	1990 Average	% from Average	1990	Average	% from Average	
2500	CONSOLIDATED EDISON CO-NY INC	RAVENSWOOD	20	oil	0.0	929.8	-100.0	0	137684	-100.0
2500	CONSOLIDATED EDISON CO-NY INC	RAVENSWOOD	30	gas	13279.0	8725.7	52.2	13730991	8998817	52.6
2500	CONSOLIDATED EDISON CO-NY INC	RAVENSWOOD	30	oil	48090.0	43779.8	9.8	7132100	6476474	10.1
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	51	gas	171.3	525.8	-87.4	177006	543180	-67.4
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	51	oil	0.0	14.2	-100.0	0	2081	-100.0
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	52	gas	164.6	534.7	-69.2	170091	552468	-69.2
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	52	oil	0.0	15.8	-100.0	0	2310	-100.0
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	61	gas	1105.7	616.9	79.2	1142703	637097	79.4
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	61	oil	0.0	58.8	-100.0	0	8654	-100.0
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	62	gas	1086.1	781.0	39.1	1122463	806974	39.1
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	62	oil	0.0	68.2	-100.0	0	9742	-100.0
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	80	gas	2895.2	1184.0	144.5	2991920	1222950	144.6
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	80	oil	407.4	101.9	299.8	60331	15008	302.0
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	90	gas	2909.8	1614.7	80.2	3006676	1668563	80.2
2502	CONSOLIDATED EDISON CO-NY INC	WATERSIDE	90	oil	680.4	143.3	374.8	100822	21159	376.5
2503	CONSOLIDATED EDISON CO-NY INC	59TH STREET	110	oil	0.0	998.2	-100.0	0	147084	-100.0
2503	CONSOLIDATED EDISON CO-NY INC	59TH STREET	111	oil	1764.0	1406.5	25.4	261103	208064	25.5
2503	CONSOLIDATED EDISON CO-NY INC	59TH STREET	112	oil	1738.8	1423.8	22.1	257708	210662	22.3
2503	CONSOLIDATED EDISON CO-NY INC	59TH STREET	113	oil	1789.2	1075.2	66.4	264846	159160	66.3
2503	CONSOLIDATED EDISON CO-NY INC	59TH STREET	114	oil	2188.2	1029.0	112.7	320691	150202	113.5
2503	CONSOLIDATED EDISON CO-NY INC	59TH STREET	115	oil	2188.2	857.3	155.2	320691	125679	155.2
2504	CONSOLIDATED EDISON CO-NY INC	74TH STREET	120	oil	2028.6	4032.0	-49.7	300799	586249	-49.6
2504	CONSOLIDATED EDISON CO-NY INC	74TH STREET	121	oil	6241.2	4103.4	52.1	925439	607269	52.4
2504	CONSOLIDATED EDISON CO-NY INC	74TH STREET	122	oil	7329.0	3501.2	109.3	1086739	518177	109.7
2511	LONG ISLAND LIGHTING CO	E F BARRETT	10	gas	5480.2	4975.8	10.1	5654125	5136296	10.1
2511	LONG ISLAND LIGHTING CO	E F BARRETT	10	oil	823.2	287.2	208.1	122311	39479	209.8
2511	LONG ISLAND LIGHTING CO	E F BARRETT	20	gas	5557.0	5358.3	3.7	5733531	5530387	3.7
2511	LONG ISLAND LIGHTING CO	E F BARRETT	20	oil	764.4	297.2	157.2	113577	43885	158.8
2513	LONG ISLAND LIGHTING CO	FAR ROCKAWAY	40	gas	2497.4	2394.2	4.3	2577278	2466932	4.5
2513	LONG ISLAND LIGHTING CO	FAR ROCKAWAY	40	oil	1100.4	490.8	124.2	163178	72704	124.4
2514	LONG ISLAND LIGHTING CO	GLENWOOD	40	gas	2778.4	2432.8	14.2	2866888	2503903	14.5
2514	LONG ISLAND LIGHTING CO	GLENWOOD	40	oil	373.8	203.4	83.8	55440	30011	84.7
2514	LONG ISLAND LIGHTING CO	GLENWOOD	50	gas	2763.8	2488.6	11.1	2851976	2562214	11.3
2514	LONG ISLAND LIGHTING CO	GLENWOOD	50	oil	420.0	382.8	9.7	62292	58417	10.4
2516	LONG ISLAND LIGHTING CO	NORTHPORT	1	oil	49408.8	47939.9	3.1	7441116	7216180	3.1
2516	LONG ISLAND LIGHTING CO	NORTHPORT	2	oil	59056.2	53262.3	10.9	8893035	8022661	10.8
2516	LONG ISLAND LIGHTING CO	NORTHPORT	3	oil	63525.0	56715.8	12.0	9566110	8541993	12.0
2516	LONG ISLAND LIGHTING CO	NORTHPORT	4	oil	42197.4	47891.6	-11.9	6367050	7179881	-11.3
2517	LONG ISLAND LIGHTING CO	PORT JEFFERSON	1	oil	2394.0	2889.1	-17.1	360600	432941	-16.7
2517	LONG ISLAND LIGHTING CO	PORT JEFFERSON	2	oil	2175.6	2957.3	-26.4	327776	443521	-26.1
2517	LONG ISLAND LIGHTING CO	PORT JEFFERSON	3	oil	28240.8	26835.9	5.2	4254044	4039892	5.3

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Fuel	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)		
					1990	Average	% from Average	1990	Average	% from Average
2517	LONG ISLAND LIGHTING CO	PORT JEFFERSON	4	oil	25477.2	26540.3	-4.0	3836281	3998089	-4.0
2526	NEW YORK STATE ELEC & GAS CORP	GOODEY	11	coal	25000.0	23187.5	7.8	646523	577350	12.0
2526	NEW YORK STATE ELEC & GAS CORP	GOODEY	11	oil	25.2	70.4	-64.2	3444	7670	-55.1
2526	NEW YORK STATE ELEC & GAS CORP	GOODEY	12	coal	24900.0	23100.0	7.8	644006	575499	11.9
2526	NEW YORK STATE ELEC & GAS CORP	GOODEY	12	oil	25.2	69.3	-63.6	3444	7758	-55.6
2526	NEW YORK STATE ELEC & GAS CORP	GOODEY	13	coal	89100.0	85325.0	4.4	2296286	2120225	8.3
2526	NEW YORK STATE ELEC & GAS CORP	GOODEY	13	oil	37.8	36.8	2.7	5166	4300	20.1
2527	NEW YORK STATE ELEC & GAS CORP	GREENIDGE	4	coal	10600.0	26887.5	-60.6	263329	669860	-60.7
2527	NEW YORK STATE ELEC & GAS CORP	GREENIDGE	4	oil	50.4	54.6	-7.7	6931	6024	15.1
2527	NEW YORK STATE ELEC & GAS CORP	GREENIDGE	5	coal	9000.0	26200.0	-66.6	223756	652253	-65.7
2527	NEW YORK STATE ELEC & GAS CORP	GREENIDGE	5	oil	37.8	49.4	-23.5	5199	5608	-7.3
2527	NEW YORK STATE ELEC & GAS CORP	GREENIDGE	6	coal	130800.0	113271.0	15.5	3215779	2810870	14.4
2527	NEW YORK STATE ELEC & GAS CORP	GREENIDGE	6	oil	63.0	53.6	17.5	8684	6482	34.1
2529	NEW YORK STATE ELEC & GAS CORP	HICKLING	1	coal	26100.0	26328.6	-0.9	562922	575053	-2.1
2529	NEW YORK STATE ELEC & GAS CORP	HICKLING	2	coal	26500.0	26257.1	0.9	573272	574324	-0.2
2529	NEW YORK STATE ELEC & GAS CORP	HICKLING	3	coal	38400.0	32257.1	19.0	829478	707158	17.3
2529	NEW YORK STATE ELEC & GAS CORP	HICKLING	4	coal	39500.0	33828.6	16.8	853237	741552	15.1
2531	NEW YORK STATE ELEC & GAS CORP	JENNISON	1	coal	25600.0	22114.3	15.8	525193	465629	12.8
2531	NEW YORK STATE ELEC & GAS CORP	JENNISON	2	coal	26100.0	24042.9	8.6	535487	507342	5.5
2531	NEW YORK STATE ELEC & GAS CORP	JENNISON	3	coal	21700.0	21957.1	-1.2	448809	463103	-3.1
2531	NEW YORK STATE ELEC & GAS CORP	JENNISON	4	coal	21300.0	22585.7	-5.7	440214	476845	-7.7
2535	NEW YORK STATE ELEC & GAS CORP	MILLIKEN	1	coal	193000.0	162113.0	19.1	4692791	3983961	17.8
2535	NEW YORK STATE ELEC & GAS CORP	MILLIKEN	1	oil	12.6	16.8	-25.0	1742	1308	33.2
2535	NEW YORK STATE ELEC & GAS CORP	MILLIKEN	2	coal	197100.0	170025.0	15.9	4795157	4170885	15.0
2535	NEW YORK STATE ELEC & GAS CORP	MILLIKEN	2	oil	4.2	25.7	-83.7	581	2676	-78.3
2539	NIAGARA MOHAWK POWER CORP	ALBANY	1	gas	2085.1	1803.4	15.6	2162834	1862002	16.2
2539	NIAGARA MOHAWK POWER CORP	ALBANY	1	oil	2856.0	4142.8	-31.1	431068	621727	-30.7
2539	NIAGARA MOHAWK POWER CORP	ALBANY	2	gas	2011.1	1993.7	0.9	2085904	2058929	1.4
2539	NIAGARA MOHAWK POWER CORP	ALBANY	2	oil	5262.6	3078.0	71.0	793984	480761	72.3
2539	NIAGARA MOHAWK POWER CORP	ALBANY	3	gas	2058.7	1961.1	5.0	2134624	2025394	5.4
2539	NIAGARA MOHAWK POWER CORP	ALBANY	3	oil	3599.4	1382.3	160.4	543170	207109	162.3
2539	NIAGARA MOHAWK POWER CORP	ALBANY	4	gas	2147.4	1951.3	10.0	2227196	2013763	10.6
2539	NIAGARA MOHAWK POWER CORP	ALBANY	4	oil	4985.4	3694.2	35.0	752160	553812	35.8
2549	NIAGARA MOHAWK POWER CORP	C R HUNTLEY	63	coal	114900.0	79087.5	45.3	3006426	2075042	44.9
2549	NIAGARA MOHAWK POWER CORP	C R HUNTLEY	64	coal	95200.0	83650.0	13.8	2494140	2199564	13.4
2549	NIAGARA MOHAWK POWER CORP	C R HUNTLEY	65	coal	95800.0	89137.5	7.5	2506038	2341147	7.0
2549	NIAGARA MOHAWK POWER CORP	C R HUNTLEY	66	coal	85800.0	79037.5	8.6	2245566	2078036	8.1
2549	NIAGARA MOHAWK POWER CORP	C R HUNTLEY	67	coal	217100.0	163625.0	32.7	5565896	4214266	32.1
2549	NIAGARA MOHAWK POWER CORP	C R HUNTLEY	68	coal	192300.0	185038.0	3.9	4947121	4793480	3.2
2554	NIAGARA MOHAWK POWER CORP	DUNKIRK	1	coal	88100.0	101488.0	-13.2	2324492	2636064	-11.8
2554	NIAGARA MOHAWK POWER CORP	DUNKIRK	2	coal	104400.0	100988.0	3.4	2751522	2622101	4.9

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Fuel	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)		
					1990	Average	% from Average	1990	Average	% from Average
2554	NIAGARA MOHAWK POWER CORP	DUNKIRK	3	coal	226700.0	183450.0	23.6	5973259	4765185	25.4
2554	NIAGARA MOHAWK POWER CORP	DUNKIRK	4	coal	196200.0	191313.0	2.6	5161825	4971883	3.8
2594	NIAGARA MOHAWK POWER CORP	OSWEGO	3	gas	2024.0	773.5	161.7	2088913	798075	161.7
2594	NIAGARA MOHAWK POWER CORP	OSWEGO	4	oil	10495.8	3272.9	220.7	1578172	491327	221.2
2594	NIAGARA MOHAWK POWER CORP	OSWEGO	5	gas	62.1	49.2	26.2	64089	50737	26.3
2594	NIAGARA MOHAWK POWER CORP	OSWEGO	5	oil	72395.4	49179.4	47.2	10954039	7409990	47.8
2594	NIAGARA MOHAWK POWER CORP	OSWEGO	6	gas	64.8	71.3	-9.1	66890	73526	-9.0
2594	NIAGARA MOHAWK POWER CORP	OSWEGO	6	oil	63886.2	41729.6	53.1	9595810	6258559	53.3
2625	ORANGE & ROCKLAND UTILS INC	BOWLINE POINT	1	gas	684.0	3222.3	-78.8	708380	3328782	-78.7
2625	ORANGE & ROCKLAND UTILS INC	BOWLINE POINT	1	oil	58451.4	40994.6	42.6	8692283	6081391	42.9
2625	ORANGE & ROCKLAND UTILS INC	BOWLINE POINT	2	gas	12711.2	8445.5	50.5	13153079	8722290	50.8
2625	ORANGE & ROCKLAND UTILS INC	BOWLINE POINT	2	oil	18950.4	17222.1	10.0	2817002	2546843	10.6
2629	ORANGE & ROCKLAND UTILS INC	LOVETT	1	gas	0.0	8.7	-100.0	0	8943	-100.0
2629	ORANGE & ROCKLAND UTILS INC	LOVETT	2	gas	13.5	17.6	-23.3	13059	18157	-23.1
2629	ORANGE & ROCKLAND UTILS INC	LOVETT	3	gas	1180.8	733.2	61.0	1221780	757078	61.4
2629	ORANGE & ROCKLAND UTILS INC	LOVETT	3	oil	0.0	42.5	-100.0	0	6373	-100.0
2629	ORANGE & ROCKLAND UTILS INC	LOVETT	4	coal	177400.0	116700.0	52.0	4609010	3015301	52.9
2629	ORANGE & ROCKLAND UTILS INC	LOVETT	4	gas	234.6	1263.2	-81.4	242771	1305279	-81.4
2629	ORANGE & ROCKLAND UTILS INC	LOVETT	5	coal	116800.0	127800.0	-8.6	3034975	3328758	-8.8
2629	ORANGE & ROCKLAND UTILS INC	LOVETT	5	gas	452.2	1207.1	-62.5	467910	1247396	-62.5
2640	ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 3	12	coal	69400.0	75016.7	-7.5	1841245	1996634	-7.8
2640	ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 3	12	oil	12.6	29.9	-57.9	1740	4130	-57.9
2642	ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 7	1	coal	45500.0	37225.0	22.2	1209411	981716	23.2
2642	ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 7	1	oil	63.0	79.8	-21.1	8694	11013	-21.1
2642	ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 7	2	coal	52000.0	53937.5	-3.6	1379563	1425383	-3.2
2642	ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 7	2	oil	42.0	43.1	-2.6	5797	5942	-2.4
2642	ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 7	3	coal	66700.0	61600.0	8.3	1773237	1626366	9.0
2642	ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 7	3	oil	37.8	32.6	16.0	5217	4493	16.1
2642	ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 7	4	coal	84600.0	61400.0	37.8	2249387	1623320	38.6
2642	ROCHESTER GAS & ELECTRIC CORP	ROCHESTER 7	4	oil	12.6	21.0	-40.0	1740	2899	-40.0
2682	JAMESTOWN CITY OF	S A CARLSON	10	coal	0.0	4566.7	-100.0	0	116324	-100.0
2682	JAMESTOWN CITY OF	S A CARLSON	11	coal	17900.0	13166.7	35.9	450862	333910	35.0
2682	JAMESTOWN CITY OF	S A CARLSON	11	oil	0.0	5.6	-100.0	0	789	-100.0
2682	JAMESTOWN CITY OF	S A CARLSON	12	coal	18300.0	14233.3	28.6	460948	361164	27.6
2682	JAMESTOWN CITY OF	S A CARLSON	12	oil	0.0	8.4	-100.0	0	1184	-100.0
2682	JAMESTOWN CITY OF	S A CARLSON	9	coal	17100.0	30957.1	-44.8	430723	790737	-45.5
2682	JAMESTOWN CITY OF	S A CARLSON	9	oil	0.0	18.6	-100.0	0	2622	-100.0
6082	NEW YORK STATE ELEC & GAS CORP	SOMERSET	1	coal	807000.0	752975.0	7.2	21196271	19618817	8.0
6082	NEW YORK STATE ELEC & GAS CORP	SOMERSET	1	oil	71.4	238.9	-70.1	9748	25766	-62.2
8006	CENTRAL HUDSON GAS & ELEC CORP	ROSETON	1	oil	89628.0	77775.1	15.2	13605427	11768260	15.6
8006	CENTRAL HUDSON GAS & ELEC CORP	ROSETON	2	oil	73206.0	65279.5	12.1	11117531	9877270	12.6

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)				Five Month Heat Input (MMBtu)			
				Fuel	1990	Average	% from Average	1990	Average	% from Average	
8906	CONSOLIDATED EDISON CO-NY INC	ASTORIA	10	gas	3906.7	2951.0	32.4	4035640	3047625	32.4	
8906	CONSOLIDATED EDISON CO-NY INC	ASTORIA	10	oil	3297.0	1169.2	182.0	488206	172798	182.5	
8906	CONSOLIDATED EDISON CO-NY INC	ASTORIA	20	gas	4151.6	3331.5	24.6	4288776	3438908	24.7	
8906	CONSOLIDATED EDISON CO-NY INC	ASTORIA	20	oil	2784.6	1097.8	153.7	412609	162352	154.1	
8906	CONSOLIDATED EDISON CO-NY INC	ASTORIA	30	gas	6933.2	5163.6	34.3	7161545	5330749	34.3	
8906	CONSOLIDATED EDISON CO-NY INC	ASTORIA	30	oil	6094.2	4363.8	39.7	903759	645794	39.9	
8906	CONSOLIDATED EDISON CO-NY INC	ASTORIA	40	gas	1922.5	2976.1	-35.4	1985031	3073941	-35.4	
8906	CONSOLIDATED EDISON CO-NY INC	ASTORIA	40	oil	14401.8	14502.6	-0.7	2126180	2143191	-0.8	
8906	CONSOLIDATED EDISON CO-NY INC	ASTORIA	50	gas	4322.4	3457.8	25.0	4464619	3569518	25.1	
8906	CONSOLIDATED EDISON CO-NY INC	ASTORIA	50	oil	19521.6	16960.7	15.1	2894927	2505618	15.5	
PENNSYLVANIA											
3098	DUQUESNE LIGHT CO	ELRAMA	1	coal	47300.0	57012.5	-17.0	1144154	1376638	-16.9	
3098	DUQUESNE LIGHT CO	ELRAMA	1	oil	21.0	67.7	-69.0	2883	9217	-68.7	
3098	DUQUESNE LIGHT CO	ELRAMA	2	coal	46200.0	53787.5	-14.1	1117307	1297948	-13.9	
3098	DUQUESNE LIGHT CO	ELRAMA	2	oil	25.2	63.0	-60.0	3454	8570	-59.7	
3098	DUQUESNE LIGHT CO	ELRAMA	3	coal	61900.0	89312.5	-30.7	1496561	2148027	-30.3	
3098	DUQUESNE LIGHT CO	ELRAMA	3	oil	29.4	71.4	-58.8	4030	9725	-58.6	
3098	DUQUESNE LIGHT CO	ELRAMA	4	coal	138700.0	164888.0	-15.9	3358385	3966323	-15.3	
3098	DUQUESNE LIGHT CO	ELRAMA	4	oil	67.2	128.1	-47.5	9211	17470	-47.3	
3113	METROPOLITAN EDISON CO	PORLAND	1	coal	136700.0	99300.0	37.7	3613595	2607082	38.6	
3113	METROPOLITAN EDISON CO	PORLAND	1	oil	344.4	245.7	40.2	47867	33889	41.2	
3113	METROPOLITAN EDISON CO	PORLAND	2	coal	174400.0	159738.0	9.2	4610421	4182331	10.2	
3113	METROPOLITAN EDISON CO	PORLAND	2	oil	21.0	170.6	-87.7	2915	23485	-87.6	
3115	METROPOLITAN EDISON CO	TITUS	1	coal	70100.0	65250.0	7.4	1868636	1718263	8.8	
3115	METROPOLITAN EDISON CO	TITUS	1	oil	210.0	146.0	43.8	29057	20182	44.0	
3115	METROPOLITAN EDISON CO	TITUS	2	coal	62300.0	60012.5	3.8	1659427	1580555	5.0	
3115	METROPOLITAN EDISON CO	TITUS	2	oil	4.2	74.0	-94.3	582	10232	-94.3	
3115	METROPOLITAN EDISON CO	TITUS	3	coal	69700.0	64562.5	8.0	1857996	1697066	9.5	
3118	PENNSYLVANIA ELECTRIC CO	CONEMAUGH	1	coal	797700.0	862938.0	-7.6	19741723	21324991	-7.4	
3118	PENNSYLVANIA ELECTRIC CO	CONEMAUGH	1	oil	663.6	370.1	79.3	92107	51298	79.6	
3118	PENNSYLVANIA ELECTRIC CO	CONEMAUGH	2	coal	1019200.0	950975.0	7.2	25210530	23525112	7.2	
3118	PENNSYLVANIA ELECTRIC CO	CONEMAUGH	2	oil	151.2	187.4	-19.3	20987	25999	-19.3	
3121	PENNSYLVANIA ELECTRIC CO	FRONT STREET	10	coal	41400.0	39057.1	6.0	1018797	960872	6.0	
3121	PENNSYLVANIA ELECTRIC CO	FRONT STREET	10	oil	25.2	21.0	20.0	3498	2911	20.2	
3121	PENNSYLVANIA ELECTRIC CO	FRONT STREET	7	coal	1600.0	4871.4	-67.2	39259	120134	-67.3	
3121	PENNSYLVANIA ELECTRIC CO	FRONT STREET	7	oil	8.4	11.4	-26.3	1162	1580	-26.5	
3121	PENNSYLVANIA ELECTRIC CO	FRONT STREET	8	coal	1600.0	4700.0	-66.0	39259	115906	-66.1	
3121	PENNSYLVANIA ELECTRIC CO	FRONT STREET	8	oil	8.4	11.4	-26.3	1162	1580	-26.5	
3121	PENNSYLVANIA ELECTRIC CO	FRONT STREET	9	coal	41400.0	39214.3	5.6	1018797	964500	5.6	
3121	PENNSYLVANIA ELECTRIC CO	FRONT STREET	9	oil	25.2	21.0	20.0	3498	2911	20.2	

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)			
				Fuel	1990	Average	% from Average	1990	Average	
3122	PENNSYLVANIA ELECTRIC CO	HOMER CITY	1	coal	462500.0	601250.0	-23.1	11329669	14752154	-23.2
3122	PENNSYLVANIA ELECTRIC CO	HOMER CITY	1	oil	58.8	292.4	-79.9	8134	40510	-79.9
3122	PENNSYLVANIA ELECTRIC CO	HOMER CITY	2	coal	619600.0	515925.0	20.1	15205291	12693531	19.8
3122	PENNSYLVANIA ELECTRIC CO	HOMER CITY	2	oil	277.2	221.0	25.4	38440	30593	25.6
3122	PENNSYLVANIA ELECTRIC CO	HOMER CITY	3	coal	812100.0	725525.0	11.9	21517156	18619334	15.6
3122	PENNSYLVANIA ELECTRIC CO	HOMER CITY	3	oil	210.0	431.6	-51.3	29110	59699	-51.2
3130	PENNSYLVANIA ELECTRIC CO	SEWARD	12	coal	33800.0	37537.5	-10.0	814456	908040	-10.3
3130	PENNSYLVANIA ELECTRIC CO	SEWARD	12	oil	189.0	150.7	25.4	25915	20760	24.8
3130	PENNSYLVANIA ELECTRIC CO	SEWARD	14	coal	34600.0	37125.0	-6.8	833714	898018	-7.2
3130	PENNSYLVANIA ELECTRIC CO	SEWARD	14	oil	121.8	123.9	-1.7	16700	17084	-2.2
3130	PENNSYLVANIA ELECTRIC CO	SEWARD	15	coal	171100.0	169625.0	0.9	4121985	4106196	0.4
3130	PENNSYLVANIA ELECTRIC CO	SEWARD	15	oil	138.6	139.7	-0.8	19004	19221	-1.1
3131	PENNSYLVANIA ELECTRIC CO	SHAWVILLE	1	coal	154400.0	146900.0	5.1	3747953	3598480	4.2
3131	PENNSYLVANIA ELECTRIC CO	SHAWVILLE	1	oil	100.8	116.0	-13.1	13815	16005	-13.7
3131	PENNSYLVANIA ELECTRIC CO	SHAWVILLE	2	coal	149300.0	139588.0	7.0	3622678	3419414	5.9
3131	PENNSYLVANIA ELECTRIC CO	SHAWVILLE	2	oil	84.0	123.4	-31.9	11517	16993	-32.2
3131	PENNSYLVANIA ELECTRIC CO	SHAWVILLE	3	coal	188900.0	176900.0	6.8	4584773	4331497	5.8
3131	PENNSYLVANIA ELECTRIC CO	SHAWVILLE	3	oil	348.6	309.8	12.5	47787	42666	12.0
3131	PENNSYLVANIA ELECTRIC CO	SHAWVILLE	4	coal	156500.0	173913.0	-10.0	3796240	4261470	-10.9
3131	PENNSYLVANIA ELECTRIC CO	SHAWVILLE	4	oil	260.4	368.0	-29.2	35709	50681	-29.5
3132	PENNSYLVANIA ELECTRIC CO	WARREN	1	coal	21500.0	21733.3	-1.1	531345	532240	-0.2
3132	PENNSYLVANIA ELECTRIC CO	WARREN	1	oil	0.0	4.9	-100.0	0	676	-100.0
3132	PENNSYLVANIA ELECTRIC CO	WARREN	2	coal	23700.0	21666.7	9.4	586139	531053	10.4
3132	PENNSYLVANIA ELECTRIC CO	WARREN	3	coal	23800.0	22133.3	7.5	588089	542483	8.4
3132	PENNSYLVANIA ELECTRIC CO	WARREN	3	oil	8.4	7.0	20.0	1126	961	17.2
3132	PENNSYLVANIA ELECTRIC CO	WARREN	4	coal	23400.0	23533.3	-0.6	578148	576495	0.3
3132	PENNSYLVANIA ELECTRIC CO	WARREN	4	oil	8.4	7.0	20.0	1126	961	17.2
3135	PENNSYLVANIA ELECTRIC CO	WILLIAMSBURG	11	coal	9400.0	14633.3	-35.8	228745	359324	-36.3
3135	PENNSYLVANIA ELECTRIC CO	WILLIAMSBURG	11	oil	8.4	11.2	-25.0	1145	1539	-25.6
3136	PENNSYLVANIA ELECTRIC CO	KEYSTONE	1	coal	1047700.0	1023650.0	2.3	25392424	25081590	1.2
3136	PENNSYLVANIA ELECTRIC CO	KEYSTONE	1	oil	256.2	251.5	1.9	35560	34886	1.9
3136	PENNSYLVANIA ELECTRIC CO	KEYSTONE	2	coal	826200.0	902838.0	-8.5	20022992	22103548	-9.4
3136	PENNSYLVANIA ELECTRIC CO	KEYSTONE	2	oil	953.4	546.0	74.6	132331	75682	74.9
3138	PENNSYLVANIA POWER CO	NEW CASTLE	1	coal	23100.0	17637.5	31.0	555950	428178	29.8
3138	PENNSYLVANIA POWER CO	NEW CASTLE	1	oil	46.2	35.7	29.4	6385	4909	30.1
3138	PENNSYLVANIA POWER CO	NEW CASTLE	2	coal	20800.0	18837.5	10.4	501805	458462	9.5
3138	PENNSYLVANIA POWER CO	NEW CASTLE	2	oil	46.2	28.4	62.7	6388	3900	63.8
3138	PENNSYLVANIA POWER CO	NEW CASTLE	3	coal	39500.0	71850.0	-45.0	955071	1748848	-45.4
3138	PENNSYLVANIA POWER CO	NEW CASTLE	3	oil	42.0	33.6	25.0	5804	4624	25.5
3138	PENNSYLVANIA POWER CO	NEW CASTLE	4	coal	72500.0	74375.0	-2.6	1748887	1808967	-3.3
3138	PENNSYLVANIA POWER CO	NEW CASTLE	4	oil	54.6	35.7	52.9	7548	4914	53.8

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)		
				Fuel	1990	Average	% from Average	1990	Average
3138	PENNSYLVANIA POWER CO	NEW CASTLE	5	coal	132600.0	120463.0	10.1	3201110	2928877
3138	PENNSYLVANIA POWER CO	NEW CASTLE	5	oil	46.2	47.8	-3.3	6389	6575
3140	PENNSYLVANIA POWER & LIGHT CO	BRUNNER ISLAND	1	coal	331400.0	285750.0	16.0	8180885	7132424
3140	PENNSYLVANIA POWER & LIGHT CO	BRUNNER ISLAND	1	oil	281.4	281.9	-0.2	39159	39087
3140	PENNSYLVANIA POWER & LIGHT CO	BRUNNER ISLAND	2	coal	377000.0	396663.0	-5.0	9320759	9885630
3140	PENNSYLVANIA POWER & LIGHT CO	BRUNNER ISLAND	2	oil	441.0	319.2	38.2	61264	44242
3140	PENNSYLVANIA POWER & LIGHT CO	BRUNNER ISLAND	3	coal	744400.0	729538.0	2.0	18412848	18131143
3140	PENNSYLVANIA POWER & LIGHT CO	BRUNNER ISLAND	3	oil	264.6	223.7	18.3	36870	30997
3145	PENNSYLVANIA POWER & LIGHT CO	HOLTWOOD	17	coal	133700.0	99371.4	34.5	2555617	1895928
3145	PENNSYLVANIA POWER & LIGHT CO	HOLTWOOD	17	oil	16.8	21.0	-20.0	2338	2915
3148	PENNSYLVANIA POWER & LIGHT CO	MARTINS CREEK	1	coal	129400.0	120275.0	7.8	3331092	3061477
3148	PENNSYLVANIA POWER & LIGHT CO	MARTINS CREEK	1	oil	298.2	241.0	23.7	41612	33547
3148	PENNSYLVANIA POWER & LIGHT CO	MARTINS CREEK	2	coal	120500.0	131550.0	-8.4	3112042	3346808
3148	PENNSYLVANIA POWER & LIGHT CO	MARTINS CREEK	2	oil	172.2	256.2	-32.8	24078	35683
3148	PENNSYLVANIA POWER & LIGHT CO	MARTINS CREEK	3	oil	38434.2	51394.4	-25.2	5750434	7691582
3148	PENNSYLVANIA POWER & LIGHT CO	MARTINS CREEK	4	oil	33822.6	52563.0	-35.7	5082573	7868440
3149	PENNSYLVANIA POWER & LIGHT CO	MONTOUR	1	coal	692200.0	730663.0	-5.3	17031456	18315710
3149	PENNSYLVANIA POWER & LIGHT CO	MONTOUR	1	oil	537.6	600.6	-10.5	74888	83434
3149	PENNSYLVANIA POWER & LIGHT CO	MONTOUR	2	coal	907700.0	792725.0	14.5	22409298	19880083
3149	PENNSYLVANIA POWER & LIGHT CO	MONTOUR	2	oil	138.6	367.0	-82.2	19315	50962
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	1A	coal	62000.0	66025.0	-8.1	1061382	1118683
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	1A	oil	25.2	15.2	65.8	3502	2115
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	1B	coal	62000.0	66025.0	-8.1	1061382	1118683
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	1B	oil	25.2	15.2	65.8	3502	2114
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	2A	coal	62000.0	66025.0	-8.1	1061382	1118683
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	2A	oil	25.2	15.2	65.8	3502	2115
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	2B	coal	62000.0	66025.0	-8.1	1061382	1118683
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	2B	oil	25.2	15.2	65.8	3502	2115
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	3	coal	137600.0	124875.0	10.2	3363575	3088131
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	3	oil	21.0	22.1	-5.0	2918	3084
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	4	coal	164600.0	142150.0	15.8	4068357	3534854
3152	PENNSYLVANIA POWER & LIGHT CO	SUNBURY	4	oil	63.0	79.3	-20.6	8748	11011
3159	PHILADELPHIA ELECTRIC CO	CROMBY	1	coal	61500.0	92400.0	-33.4	1606560	2433785
3159	PHILADELPHIA ELECTRIC CO	CROMBY	1	oil	399.0	254.6	58.7	55515	35634
3159	PHILADELPHIA ELECTRIC CO	CROMBY	2	oil	8391.6	10503.2	-20.1	1258732	1589623
3160	PHILADELPHIA ELECTRIC CO	DELAWARE	71	oil	6820.8	7100.1	-3.9	1032068	1068057
3160	PHILADELPHIA ELECTRIC CO	DELAWARE	81	oil	7056.0	5049.5	39.7	1068159	758858
3161	PHILADELPHIA ELECTRIC CO	EDDYSTONE	1	coal	208000.0	185750.0	12.0	5223921	4835195
3161	PHILADELPHIA ELECTRIC CO	EDDYSTONE	1	gas	77.1	57.0	35.3	79583	58666
3161	PHILADELPHIA ELECTRIC CO	EDDYSTONE	1	oil	331.8	619.5	-46.4	48769	90042
3161	PHILADELPHIA ELECTRIC CO	EDDYSTONE	2	coal	135500.0	175138.0	-22.6	3558093	4587609

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)			
				Fuel	1990	Average	% from Average	1990	Average	% from Average
3161	PHILADELPHIA ELECTRIC CO	EDDYSTONE	2	gas	89.2	56.6	57.6	92076	58242	58.1
3161	PHILADELPHIA ELECTRIC CO	EDDYSTONE	2	oil	609.0	594.3	2.5	86807	85950	1.0
3161	PHILADELPHIA ELECTRIC CO	EDDYSTONE	3	gas	226.8	168.1	34.9	234099	173113	35.2
3161	PHILADELPHIA ELECTRIC CO	EDDYSTONE	3	oil	14385.0	16857.2	-14.7	2176576	2529535	-14.0
3161	PHILADELPHIA ELECTRIC CO	EDDYSTONE	4	gas	153.0	146.9	4.2	157846	151237	4.4
3161	PHILADELPHIA ELECTRIC CO	EDDYSTONE	4	oil	13918.8	17567.6	-20.8	2108564	2634744	-20.0
3169	PHILADELPHIA ELECTRIC CO	SCHUYLKILL	1	oil	9206.4	6496.9	41.7	1384331	974071	42.1
3176	UGI CORP	HUNLOCK POWER	6	coal	96200.0	93371.4	3.0	1868452	1818395	2.8
3176	UGI CORP	HUNLOCK POWER	6	oil	16.8	34.2	-50.9	2333	4793	-51.3
3178	WEST PENN POWER CO	ARMSTRONG	1	coal	204800.0	201750.0	1.5	5049284	5005451	0.9
3178	WEST PENN POWER CO	ARMSTRONG	1	oil	29.4	25.7	14.4	4073	3563	14.3
3178	WEST PENN POWER CO	ARMSTRONG	2	coal	189300.0	195800.0	-3.3	4671875	4858387	-3.8
3178	WEST PENN POWER CO	ARMSTRONG	2	oil	29.4	32.6	-9.8	4072	4508	-9.7
3179	WEST PENN POWER CO	HATFIELD'S FERRY	1	coal	576800.0	530800.0	8.7	15020243	13716442	9.5
3179	WEST PENN POWER CO	HATFIELD'S FERRY	1	oil	63.0	37.8	66.7	8884	5330	66.7
3179	WEST PENN POWER CO	HATFIELD'S FERRY	2	coal	526800.0	501950.0	5.0	13722075	12976114	5.7
3179	WEST PENN POWER CO	HATFIELD'S FERRY	2	oil	37.8	39.4	-4.1	5330	5552	-4.0
3179	WEST PENN POWER CO	HATFIELD'S FERRY	3	coal	318000.0	524825.0	-39.4	8242251	13566041	-39.2
3179	WEST PENN POWER CO	HATFIELD'S FERRY	3	oil	105.0	44.1	138.1	14805	6218	138.1
3181	WEST PENN POWER CO	MITCHELL	33	coal	229600.0	205288.0	11.8	5613791	5088761	10.8
3181	WEST PENN POWER CO	MITCHELL	33	gas	12.2	13.4	-9.0	12810	14109	-9.2
6094	PENNSYLVANIA POWER CO	BRUCE MANSFIELD	1	coal	691400.0	693038.0	-0.2	16684276	18711698	-0.2
6094	PENNSYLVANIA POWER CO	BRUCE MANSFIELD	1	oil	214.2	349.1	-38.6	29354	47998	-38.8
6094	PENNSYLVANIA POWER CO	BRUCE MANSFIELD	2	coal	893900.0	809225.0	10.5	21471161	19496166	10.1
6094	PENNSYLVANIA POWER CO	BRUCE MANSFIELD	2	oil	193.2	356.5	-45.8	26512	48933	-45.8
6094	PENNSYLVANIA POWER CO	BRUCE MANSFIELD	3	coal	801400.0	818850.0	-2.1	19321200	19757738	-2.2
6094	PENNSYLVANIA POWER CO	BRUCE MANSFIELD	3	oil	411.6	511.4	-19.5	56511	70198	-19.5
8226	DUQUESNE LIGHT CO	CHESWICK	1	coal	591300.0	598125.0	-1.1	14627897	14861085	-1.6
8226	DUQUESNE LIGHT CO	CHESWICK	1	gas	45.0	94.8	-52.5	46260	97469	-52.5
RHODE ISLAND										
3236	NEW ENGLAND POWER CO	MANCHESTER STREET	12	gas	843.0	396.9	112.4	871719	410336	112.4
3236	NEW ENGLAND POWER CO	MANCHESTER STREET	12	oil	8.4	1079.4	-99.2	1270	162433	-99.2
3236	NEW ENGLAND POWER CO	MANCHESTER STREET	6	gas	563.3	420.8	33.9	582280	431868	34.8
3236	NEW ENGLAND POWER CO	MANCHESTER STREET	6	oil	277.2	1688.4	-83.6	41911	253711	-83.5
3236	NEW ENGLAND POWER CO	MANCHESTER STREET	7	gas	531.2	418.2	27.0	549292	432054	27.1
3236	NEW ENGLAND POWER CO	MANCHESTER STREET	7	oil	163.8	925.6	-82.3	24765	139241	-82.2
3238	NEW ENGLAND POWER CO	SOUTH STREET	121	gas	948.1	578.6	63.9	980486	596965	64.2
3238	NEW ENGLAND POWER CO	SOUTH STREET	121	oil	546.0	1967.0	-72.2	82436	295839	-72.1
3238	NEW ENGLAND POWER CO	SOUTH STREET	122	gas	948.1	529.9	78.9	980486	546778	79.3
3238	NEW ENGLAND POWER CO	SOUTH STREET	122	oil	546.0	1790.6	-69.5	82436	269220	-69.4

Appendix G
Form EIA-767 Fuel Use and Heat Input Data by Boiler

ORIS ID	Utility Name	Plant Name	DOE Boiler ID	Five Month Fuel Use (SCC units)			Five Month Heat Input (MMBtu)			
				Fuel	1990	% from Average	1990	Average	% from Average	
VERMONT										
589	BURLINGTON CITY OF	J C MCNEIL	1	oil	0.0	177.8	-100.0	0	24584	-100.0
589	BURLINGTON CITY OF	J C MCNEIL	1	gas	496.8	478.7	3.8	496800	478650	3.8
VIRGINIA										
3788	POTOMAC ELECTRIC POWER CO	POTOMAC RIVER	1	coal	46500.0	50612.5	-8.1	1196943	1305314	-8.3
3788	POTOMAC ELECTRIC POWER CO	POTOMAC RIVER	1	oil	205.8	176.4	16.7	28182	24349	15.7
3788	POTOMAC ELECTRIC POWER CO	POTOMAC RIVER	2	coal	61800.0	53975.0	14.5	1585637	1390659	14.0
3788	POTOMAC ELECTRIC POWER CO	POTOMAC RIVER	2	oil	168.0	180.1	-6.7	23010	24852	-7.4
3788	POTOMAC ELECTRIC POWER CO	POTOMAC RIVER	3	coal	101800.0	93887.5	8.4	2620532	2414664	8.5
3788	POTOMAC ELECTRIC POWER CO	POTOMAC RIVER	3	oil	58.8	66.2	-11.2	8045	9124	-11.8
3788	POTOMAC ELECTRIC POWER CO	POTOMAC RIVER	4	coal	110500.0	98912.5	11.7	2843607	2544743	11.7
3788	POTOMAC ELECTRIC POWER CO	POTOMAC RIVER	4	oil	16.8	53.6	-68.7	2308	7386	-68.8
3788	POTOMAC ELECTRIC POWER CO	POTOMAC RIVER	5	coal	107300.0	101813.0	5.4	2763020	2620908	5.4
3788	POTOMAC ELECTRIC POWER CO	POTOMAC RIVER	5	oil	12.6	45.7	-72.4	1727	6300	-72.6
3804	VIRGINIA ELECTRIC & POWER CO	POSSUM POINT	1	oil	184.8	623.7	-70.4	27263	92874	-70.6
3804	VIRGINIA ELECTRIC & POWER CO	POSSUM POINT	2	oil	210.0	941.9	-77.7	31012	140173	-77.9
3804	VIRGINIA ELECTRIC & POWER CO	POSSUM POINT	3	coal	54100.0	72837.5	-26.7	1364983	1858874	-26.6
3804	VIRGINIA ELECTRIC & POWER CO	POSSUM POINT	3	oil	21.0	23.6	-11.0	2940	3308	-11.1
3804	VIRGINIA ELECTRIC & POWER CO	POSSUM POINT	4	coal	204200.0	218800.0	-6.7	5134916	5573034	-7.9
3804	VIRGINIA ELECTRIC & POWER CO	POSSUM POINT	4	oil	54.6	63.0	-13.3	7644	8820	-13.3
3804	VIRGINIA ELECTRIC & POWER CO	POSSUM POINT	5	oil	29534.4	36975.8	-20.1	4390709	5474934	-19.8

Appendix H
Form EIA-759 Electric Generation by State and Prime Mover

Prime Mover	Generation (MW-hours) —										1990 % Difference from Average
	1985	1986	1987	1988	1989	1990	1991	1992	1993		
Connecticut											
ALL	25252092	50919196	53830477	58714407	53961719	52028000	34648000	42177000	50622000	10.9%	
FF STM	12232591	31818018	32848065	36011308	33870022	31688000	21944000	24902000	28403000	12.4%	
HYDRO	281404	377275	350050	338571	412942	511000	360000	378000	368000	36.2%	
NUCLEAR	12721397	18691995	20592597	22285679	19611926	19819000	12321000	16888000	21843000	8.3%	
OTHER	16700	31908	39765	78849	66829	10000	23000	9000	8000	-68.3%	
District of Columbia											
ALL	114540	170028	237799	472997	651326	366000	178000	83000	198000	33.3%	
FF STM	95710	153716	214905	420659	591604	346000	167000	68000	191000	38.5%	
OTHER	18830	16312	22894	52338	59722	20000	11000	15000	7000	-19.3%	
Delaware											
ALL	8470439	8410875	8512680	8952776	8457882	7098000	6979000	6267000	8308000	-10.6%	
FF STM	8456386	8399462	8491093	8929743	8255034	6833000	6527000	5998000	7408000	-11.3%	
OTHER	14053	11413	21587	23033	202848	265000	452000	269000	900000	10.5%	
Massachusetts											
ALL	37285155	37904482	36957949	36973555	43413689	42891000	37674000	38889000	33866000	11.6%	
FF STM	29661209	33318893	33337451	33292244	37652340	35326000	31535000	32180000	27729000	8.1%	
HYDRO	1220428	1331584	1333828	1339518	1466452	1640000	1322000	1412000	1356000	18.8%	
NUCLEAR	6132633	2420249	1136125	1116886	3014854	5069000	3927000	4742000	4339000	43.0%	
OTHER	270885	833756	1150545	1224907	1280043	856000	890000	555000	442000	2.7%	
Maryland											
ALL	32310201	50587512	46369721	52188433	38680807	33058000	42849000	50299000	55822000	-26.0%	
FF STM	20669849	35698072	34311671	38734653	33570097	29059000	33266000	37514000	41392000	-14.0%	
HYDRO	1523744	1876510	1612024	1327499	1777964	2299000	1286000	1825000	1659000	36.2%	
NUCLEAR	9925976	12840456	10093465	11768164	2820531	1403000	8015000	10687000	12316000	-84.2%	
OTHER	190632	172474	352561	358117	512215	297000	282000	273000	455000	-7.6%	

Appendix H
Form EIA-759 Electric Generation by State and Prime Mover

Prime Mover	Generation (MW-hours) ----									1990 % Difference from Average
	1985	1986	1987	1988	1989	1990	1991	1992	1993	
Maine										
ALL	9142333	17135307	12390802	14548519	18567655	13928000	14281000	13702000	13820000	-1.7%
FF STM	2065536	8853022	6636294	7945487	9930330	6953000	6792000	6622000	6499000	0.4%
HYDRO	1717823	2033399	1703212	1569244	1681074	2111000	1815000	1720000	1576000	19.3%
NUCLEAR	5354401	6241746	4042900	5017194	6941696	4861000	5672000	5358000	5740000	-11.1%
OTHER	4573	7140	8396	16594	14555	3000	2000	2000	5000	-57.3%
New Hampshire										
ALL	6037685	6118226	6047368	6997526	7125311	14891000	17323000	21323000	23633000	22.4%
FF STM	5058853	5006282	5143392	6005821	6017705	9330000	10254000	12490000	13584000	15.2%
HYDRO	975457	1104406	896337	967684	1088677	1476000	1070000	964000	1002000	39.2%
NUCLEAR	0	0	0	0	0	4081000	5998000	7869000	9047000	36.1%
OTHER	3375	7538	7639	24021	18929	4000	1000	0	0	-45.9%
New Jersey										
ALL	34878726	44264864	62717038	64730268	64830695	60751000	57343000	53286000	59703000	8.8%
FF STM	16147344	28309141	37852617	38774688	39579758	35641000	33002000	30695000	33588000	9.3%
HYDRO	247166	289234	312130	221652	261136	150000	146000	138000	123000	-28.5%
NUCLEAR	17769857	14822390	22721609	23992489	23093009	23850000	22851000	21691000	25010000	9.6%
OTHER	714359	844099	1830682	1741439	1896792	1110000	1344000	782000	982000	-11.0%
New York										
ALL	114237677	135562871	142491618	150746171	155805273	154625000	143209000	138466000	135538000	9.5%
FF STM	60285620	81146575	89280491	99551359	104496643	102212000	92263000	86340000	78891000	15.8%
HYDRO	29399628	31553445	29438206	25673760	26022872	27857000	24638000	27660000	29262000	-0.3%
NUCLEAR	24092442	22125694	22939269	24215952	23046361	23743000	25714000	24160000	26903000	-1.5%
OTHER	459987	737157	833652	1305100	2239397	813000	594000	306000	482000	-5.8%

Appendix H
Form EIA-759 Electric Generation by State and Prime Mover

Prime Mover	Generation (MW-hours) —										1990 % Difference from Average
	1985	1986	1987	1988	1989	1990	1991	1992	1993		
Pennsylvania											
ALL	136814630	188927074	182388383	193068666	196210057	225326000	203310000	228167000	227539000		13.8%
FF STM	107620486	145941605	144181073	152044820	153112198	163757000	148147000	164826000	165071000		9.6%
HYDRO	2385380	2735501	2603004	2423047	2919306	3461000	2361000	3054000	2891000		25.4%
NUCLEAR	26541375	39907502	35242138	38120770	39463648	57828000	52639000	60194000	59439000		27.1%
OTHER	267389	342466	362168	480029	714905	280000	163000	93000	138000		-11.3%
Rhode Island											
ALL	547278	724049	836678	764006	496118	592000	154000	110000	55000		24.5%
FF STM	538995	711916	822880	741935	477999	583000	144000	102000	45000		25.9%
HYDRO	0	0	0	0	0	0	0	0	0		0.0%
OTHER	8283	12133	13798	22071	18119	9000	10000	8000	10000		-27.3%
Vermont											
ALL	3905409	5208104	8170872	9163215	8367959	8607000	8492000	8431000	7671000		13.9%
FF STM	46385	2159931	3692340	4214259	3795572	3776000	3917000	3891000	3457000		17.4%
HYDRO	852571	974604	925095	809234	948000	1214000	843000	804000	839000		33.1%
NUCLEAR	2999400	2058425	3536409	4113833	3606775	3616000	3728000	3735000	3372000		5.8%
OTHER	7053	15144	17028	25889	17612	1000	4000	1000	3000		-90.2%
Ozone Transport Region											
ALL	408996165	545932588	560951385	597320539	596568491	614161000	566440000	601200000	616775000		8.2%
FF STM	262878964	381516633	396812272	426666976	431349302	425504000	387958000	405628000	406258000		8.7%
HYDRO	38603601	42275958	39173886	34670209	36578423	40719000	33841000	37955000	39076000		6.9%
NUCLEAR	105537481	119108457	120304512	130630967	121598800	144270000	140865000	155324000	168009000		7.7%
OTHER	1976119	3031540	4660715	5352387	7041966	3668000	3776000	2293000	3432000		-6.3%

FF STM = Fossil Fuel Steam

Appendix I Inventory Codes

Five Month Activity Methodology (METH_5MO)

1 = Based on monthly fuel use provided by the source
2 = Based on Form EIA-767 monthly fuel use
3 = Based on seasonal throughput percentages (1/3 of spring plus summer plus 1/3 of fall)
4 = 5/12 of annual

Design Capacity Units (CAP_UNITS)

Blank= Assumed MMBtu/hr
1 = MMBtu/hr
2 = Megawatts
3 = Kilowatts
4 = Thousand lbs steam/hr
5 = Boiler horsepower
6 = Horsepower
A = 1000 gallons
B = Barrels
C = 1000 Barrels
M = Tons/hr
N = Tons/day
P = Pounds/hr

Note: A, B, and C are volume units used for storage tanks and should not be used for affected sources.

Firing Type (FIRING)

0 = no data
1 = front (wall)
2 = opposed
3 = tangential
4 = spreader stoker
5 = cyclone
6 = arch
7 = concentric
8 = duct burner
9 = AFB
10 = rear (wall)
11 = side (wall)
12 = vertical

Bottom Type (BOTTOM)

0 = no data
1 = wet
2 = dry

AIRS Estimation Method (EST_METH)

- 1 - Emissions user-calculated based on source test or other emissions measurements.
- 2 - Emissions user-calculated based on material balance using engineering knowledge of the process.
- 3 - Emissions user-calculated based on ap-42 emission factor.
- 4 - Emissions user-calculated by best guess/engineering judgement.
- 5 - Emissions user-calculated based on a state or local agency emission factor.
- 6 - New construction, not yet operational. Emissions are zero.
- 7 - Source closed; operation ceased. Emissions are zero.
- 8 - Emissions computer-calculated based on standard emission factor.
- 9 - Emissions computer-calculated based on user-supplied emission factor.
- A - Emissions computer-calculated based on apportionment of neds point level emissions estimates to the segment level by ratio of computer-calculated emissions based on standard emission factors in the af-geo-emissions-table maintained in the airs geo-common subsystem.
- B - Emissions computer-calculated based on apportionment of neds point level emissions estimates to the segment level by a default procedure. Insufficient data were available to permit use of method A.

Emission Factor Hierarchy Code (EMF_HIER)

1 = CEMS for May-Sept 1990
2 = Annual CEMS for 1990
3 = CEMS for May-Sept for non 1990
4 = Annual CEMS for non 1990
5 = Multiple stack tests at representative conditions for 1990
6 = Multiple stack tests at representative conditions for non 1990
7 = Single stack test at representative conditions
8 = AP-42 factor
9 = Single stack test at maximum load
10 = State factor
11 = Industry factor

Appendix J
SCCs Initially Marked as Affected in the State OTC NOx Database

SCC	Description
10100101	Ext Comb Boilers;Elec. Gen.;Anthracite Coal;Pulverized Coal
10100102	Ext Comb Boilers;Elec. Gen.;Anthracite Coal;Traveling Grate
10100201	Ext Comb Boilers;Elec. Gen.;Bituminous Coal;Pulverized Coal; Wet
10100202	Ext Comb Boilers;Elec. Gen.;Bituminous Coal;Pulverized Coal; Dry
10100203	Ext Comb Boilers;Elec. Gen.;Bituminous Coal;Cyclone Furnace
10100204	Ext Comb Boilers;Elec. Gen.;Bituminous Coal;Spreader Stoker
10100205	Ext Comb Boilers;Elec. Gen.;Bituminous Coal;Traveling Grate
10100212	Ext Comb Boilers;Elec. Gen.;Bituminous Coal;Pulverized Coal; Dry
10100217	Ext Comb Boilers;Elec. Gen.;Bituminous Coal;Atmospheric Fluidized Bed Comb.
10100221	Ext Comb Boilers;Elec. Gen.;Subbituminous Coal;Pulverized Coal; Wet
10100222	Ext Comb Boilers;Elec. Gen.;Subbituminous Coal;Pulverized Coal; Dry
10100223	Ext Comb Boilers;Elec. Gen.;Subbituminous Coal;Cyclone Furnace
10100224	Ext Comb Boilers;Elec. Gen.;Subbituminous Coal;Spreader Stoker
10100225	Ext Comb Boilers;Elec. Gen.;Subbituminous Coal;Traveling Grate
10100226	Ext Comb Boilers;Elec. Gen.;Subbituminous Coal;Pulverized Coal; Dry
10100301	Ext Comb Boilers;Elec. Gen.;Lignite;Pulverized Coal
10100302	Ext Comb Boilers;Elec. Gen.;Lignite;Pulverized Coal; Tangential Firing
10100303	Ext Comb Boilers;Elec. Gen.;Lignite;Cyclone Furnace
10100304	Ext Comb Boilers;Elec. Gen.;Lignite;Traveling Grate
10100306	Ext Comb Boilers;Elec. Gen.;Lignite;Spreader Stoker
10100401	Ext Comb Boilers;Elec. Gen.;Residual Oil;Grade 6 Oil; Normal Firing
10100402	Ext Comb Boilers;Elec. Gen.;Residual Oil
10100404	Ext Comb Boilers;Elec. Gen.;Residual Oil;Grade 6 Oil; Tangential Firing
10100405	Ext Comb Boilers;Elec. Gen.;Residual Oil;Grade 5 Oil; Normal Firing
10100406	Ext Comb Boilers;Elec. Gen.;Residual Oil;Grade 5 Oil; Tangential Firing
10100501	Ext Comb Boilers;Elec. Gen.;Distillate Oil;Grades 1 and 2 Oil
10100504	Ext Comb Boilers;Elec. Gen.;Distillate Oil;Grade 4 Oil; Normal Firing
10100505	Ext Comb Boilers;Elec. Gen.;Distillate Oil;Grade 4 Oil; Tangential Firing
10100601	Ext Comb Boilers;Elec. Gen.;Natural Gas;Boilers > 100 MBtu/Hr except Tang.
10100602	Ext Comb Boilers;Elec. Gen.;Natural Gas;Boilers < 100 MBtu/Hr except Tang.
10100603	Ext Comb Boilers;Elec. Gen.;Natural Gas
10100604	Ext Comb Boilers;Elec. Gen.;Natural Gas;Tangentially Fired Units
10100801	Ext Comb Boilers;Elec. Gen.;Coke;All Boiler Sizes
10101001	Ext Comb Boilers;Elec. Gen.;Liquified Petro (LPG);Butane
10101002	Ext Comb Boilers;Elec. Gen.;Liquified Petro (LPG);Propane
10200101	Ext Comb Boilers;Industrial;Anthracite Coal;Pulverized Coal
10200102	Ext Comb Boilers;Industrial;Anthracite Coal
10200104	Ext Comb Boilers;Industrial;Anthracite Coal;Traveling Grate
10200107	Ext Comb Boilers;Industrial;Anthracite Coal;Hand-Fired
10200201	Ext Comb Boilers;Industrial;Bituminous Coal;Pulverized Coal; Wet Bottom
10200202	Ext Comb Boilers;Industrial;Bituminous Coal;Pulverized Coal; Dry Bottom
10200203	Ext Comb Boilers;Industrial;Bituminous Coal;Cyclone Furnace
10200204	Ext Comb Boilers;Industrial;Bituminous Coal;Spreader Stoker
10200205	Ext Comb Boilers;Industrial;Bituminous Coal;Overfeed Stoker
10200206	Ext Comb Boilers;Industrial;Bituminous Coal;Underfeed Stoker
10200210	Ext Comb Boilers;Ind;Subbituminous Coal;Overfeed Stoker"
10200212	Ext Comb Boilers;Industrial;Bituminous Coal;Pulverized Coal; Dry
10200213	Ext Comb Boilers;Industrial;Bituminous Coal;Wet Slurry
10200217	Ext Comb Boilers;Industrial;Bituminous Coal;Atmospheric Fluidized Bed Comb.
10200219	Ext Comb Boilers;Industrial;Bituminous Coal;Cogeneration
10200221	Ext Comb Boilers;Industrial;Subbituminous Coal;Pulverized Coal; Wet Bottom
10200222	Ext Comb Boilers;Industrial;Subbituminous Coal;Pulverized Coal; Dry
10200223	Ext Comb Boilers;Industrial;Subbituminous Coal;Cyclone Furnace
10200224	Ext Comb Boilers;Industrial;Subbituminous Coal;Spreader Stoker
10200225	Ext Comb Boilers;Industrial;Subbituminous Coal;Traveling Grate
10200226	Ext Comb Boilers;Industrial;Subbituminous Coal;Pulverized Coal; Dry
10200229	Ext Comb Boilers;Industrial;Subbituminous Coal;Cogeneration
10200301	Ext Comb Boilers;Industrial;Lignite;Pulverized Coal
10200302	Ext Comb Boilers;Industrial;Lignite;Pulverized Coal; Tangential Firing
10200303	Ext Comb Boilers;Industrial;Lignite;Cyclone Furnace
10200304	Ext Comb Boilers;Industrial;Lignite;Traveling Grate (Overfeed) Stoker
10200306	Ext Comb Boilers;Industrial;Lignite;Spreader Stoker
10200307	Ext Comb Boilers;Industrial;Lignite;Cogeneration

Appendix J
SCCs Initially Marked as Affected in the State OTC NOx Database

SCC	Description
10200401	Ext Comb Boilers;Industrial;Residual Oil;Grade 6 Oil
10200402	Ext Comb Boilers-Ind;Residual Oil;10-100MMBTU/HR **
10200403	Ext Comb Boilers-Ind;Residual Oil;<10MMBTU/HR **
10200404	Ext Comb Boilers;Industrial;Residual Oil;Grade 5 Oil
10200405	Ext Comb Boilers;Industrial;Residual Oil;Cogeneration
10200406	Ext Comb Boilers;Industrial;Residual Oil
10200501	Ext Comb Boilers;Industrial;Distillate Oil;Grades 1 and 2 Oil
10200502	Ext Comb Boilers-Ind;Distillate Oil;10-100MMBTU/HR **
10200503	Ext Comb Boilers-Ind;Distillate Oil;<10MMBTU/HR **
10200504	Ext Comb Boilers;Industrial;Distillate Oil;Grade 4 Oil
10200505	Ext Comb Boilers;Industrial;Distillate Oil;Cogeneration
10200601	Ext Comb Boilers;Industrial;Natural Gas;Over 100 MBtu/Hr
10200602	Ext Comb Boilers;Industrial;Natural Gas;10-100 MMBlu/Hr
10200603	Ext Comb Boilers;Industrial;Natural Gas;Less Than 10 MMBlu/Hr
10200604	Ext Comb Boilers;Industrial;Natural Gas;Cogeneration
10200801	Ext Comb Boilers;Industrial;Coke
10200802	Ext Comb Boilers;Industrial;Coke;All Boiler Sizes
10200804	Ext Comb Boilers;Industrial;Coke;Cogeneration
10201001	Ext Comb Boilers;Industrial;Liquified Petro (LPG);Butane
10201002	Ext Comb Boilers;Industrial;Liquified Petro (LPG);Propane
10300101	Ext Comb Boilers;Commercial/Institut.;Anthracite Coal;Pulverized Coal
10300102	Ext Comb Boilers;Commercial/Institut.;Anthracite Coal;Traveling Grate
10300103	Ext Comb Boilers;Commercial/Institut.;Anthracite Coal;Hand-Fired
10300205	Ext Comb Boilers;Commercial/Institut.;Bituminous Coal;Pulverized Coal; Wet
10300206	Ext Comb Boilers;Commercial/Institut.;Bituminous Coal;Pulverized Coal; Dry
10300207	Ext Comb Boilers;Commercial/Institut.;Bituminous Coal;Overfeed Stoker
10300208	Ext Comb Boilers;Commercial/Institut.;Bituminous Coal;Underfeed Stoker
10300209	Ext Comb Boilers;Commercial/Institut.;Bituminous Coal;Spreader Stoker
10300211	Ext Comb Boilers-Comm/Institut.;Bituminous Coal;Overfeed Stoker**
10300214	Ext Comb Boilers;Commercial/Institut.;Bituminous Coal;Hand-Fired
10300216	Ext Comb Boilers;Commercial/Institut.;Bituminous Coal;Pulverized Coal; Dry
10300217	Ext Comb Boilers;Comm./Institut.;Bituminous Coal;Atmos. Fluidized Bed Comb.
10300221	Ext Comb Boilers;Commercial/Institut.;Subbituminous Coal;Pulv. Coal; Wet
10300222	Ext Comb Boilers;Commercial/Institut.;Subbituminous Coal;Pulv. Coal; Dry
10300223	Ext Comb Boilers;Commercial/Institut.;Subbituminous Coal;Cyclone Furnace
10300224	Ext Comb Boilers;Commercial/Institut.;Subbituminous Coal;Spreader Stoker
10300225	Ext Comb Boilers;Commercial/Institut.;Subbituminous Coal;Traveling Grate
10300226	Ext Comb Boilers;Commercial/Institut.;Subbituminous Coal;Pulv. Coal; Dry
10300305	Ext Comb Boilers;Commercial/Institut.;Lignite;Pulverized Coal
10300306	Ext Comb Boilers;Commercial/Institut.;Lignite;Pulv. Coal; Tangential Firing
10300307	Ext Comb Boilers;Commercial/Institut.;Lignite;Traveling Grate
10300309	Ext Comb Boilers;Commercial/Institut.;Lignite;Spreader Stoker
10300401	Ext Comb Boilers;Commercial/Institut.;Residual Oil;Grade 6 Oil
10300402	Ext Comb Boilers-Comm/Institut;Residual Oil;10-100MMBTU/HR **
10300403	Ext Comb Boilers-Comm/Institut;Residual Oil;<10MMBTU/HR **
10300404	Ext Comb Boilers;Commercial/Institut.;Residual Oil;Grade 5 Oil
10300501	Ext Comb Boilers;Commercial/Institut.;Distillate Oil;Grades 1 and 2 Oil
10300502	Ext Comb Boilers-Comm/Institut;Distillate Oil;10-100MMBTU/HR **
10300503	Ext Comb Boilers-Comm/Institut;Distillate Oil;<10MMBTU/HR **
10300504	Ext Comb Boilers;Commercial/Institut.;Distillate Oil;Grade 4 Oil
10300501	Ext Comb Boilers;Commercial/Institut.;Natural Gas;Over 100 MMBlu/Hr
10300602	Ext Comb Boilers;Commercial/Institut.;Natural Gas;10-100 MMBlu/Hr
10300603	Ext Comb Boilers;Commercial/Institut.;Natural Gas;Less Than 10 MMBlu/Hr
10301001	Ext Comb Boilers;Commercial/Institut.;Liquified Petro (LPG);Butane
10301002	Ext Comb Boilers;Commercial/Institut.;Liquified Petro (LPG);Propane
10500102	Ext Comb Boilers-Space Heaters;Industrial;Coal **
10500105	Ext Comb Boilers;Space Heaters;Industrial;Distillate Oil
10500106	Ext Comb Boilers;Space Heaters;Industrial;Natural Gas
10500110	Ext Comb Boilers;Space Heaters;Industrial;Liquified Petroleum Gas (LPG)
10500202	Ext Comb Boilers-Space Heaters;Commercial/Institutional;Coal **
10500205	Ext Comb Boilers;Space Heaters;Commercial-Institutional;Distillate Oil
10500206	Ext Comb Boilers;Space Heaters;Commercial-Institutional;Natural Gas
10500210	Ext Comb Boilers;Space Heaters;Commercial-Institutional;(LPG)

Appendix J
SCCs Initially Marked as Affected in the State OTC NOx Database

SCC	Description
20100101	Int Comb Engines;Elec. Gen.;Distillate Oil (Diesel);Turbine
20100102	Int Comb Engines;Elec. Gen.;Distillate Oil (Diesel);Reciprocating
20100201	Int Comb Engines;Elec. Gen.;Natural Gas;Turbine
20100202	Int Comb Engines;Elec. Gen.;Natural Gas;Reciprocating
20100901	Int Comb Engines;Elec. Gen.;Kerosene/Naphtha (Jet Fuel);Turbine
20100902	Int Comb Engines;Elec. Gen.;Kerosene/Naphtha (Jet Fuel);Reciprocating
20200101	Int Comb Engines;Industrial;Distillate Oil (Diesel);Turbine
20200102	Int Comb Engines;Industrial;Distillate Oil (Diesel);Reciprocating
20200103	Int Comb Engines;Industrial;Distillate Oil (Diesel);Turbine: Cogeneration
20200104	Int Comb Engines;Industrial;Distil. Oil (Diesel);Reciprocating: Cogeneration
20200201	Int Comb Engines;Industrial;Natural Gas;Turbine
20200202	Int Comb Engines;Industrial;Natural Gas;Reciprocating
20200203	Int Comb Engines;Industrial;Natural Gas;Turbine: Cogeneration
20200204	Int Comb Engines;Industrial;Natural Gas;Reciprocating: Cogeneration
20200301	Int Comb Engines;Industrial;Gasoline;Reciprocating
20200401	Int Comb Engines;Industrial;Large Bore Engine;Diesel
20200402	Int Comb Engines;Industrial;Large Bore Engine;Dual Fuel (Oil/Gas)
20200403	Int Comb Engines;Industrial;Large Bore Engine;Cogeneration: Dual Fuel
20200501	Int Comb Engines;Industrial;Residual/Crude Oil;Reciprocating
20200901	Int Comb Engines;Industrial;Kerosene/Naphtha (Jet Fuel);Turbine
20200902	Int Comb Engines;Industrial;Kerosene/Naphtha (Jet Fuel);Reciprocating
20201001	Int Comb Engines;Industrial;Liquified Petro (LPG);Propane: Reciprocating
20201002	Int Comb Engines;Industrial;Liquified Petro (LPG);Butane: Reciprocating
20300101	Int Comb Engines;Commercial/Institut.;Distillate Oil (Diesel);Reciprocating
20300102	Int Comb Engines;Commercial/Institut.;Distillate Oil (Diesel);Turbine
20300201	Int Comb Engines;Commercial/Institut.;Natural Gas;Reciprocating
20300202	Int Comb Engines;Commercial/Institut.;Natural Gas;Turbine
20300203	Int Comb Engines;Commercial/Institut.;Natural Gas;Turbine: Cogeneration
20300204	Int Comb Engines;Commercial/Institut.;Natural Gas;Cogeneration
20300301	Int Comb Engines;Commercial/Institut.;Gasoline;Reciprocating
20301001	Int Comb Engines;Commercial/Institut.;(LPG);Propane: Reciprocating
20301002	Int Comb Engines;Commercial/Institut.;(LPG);Butane: Reciprocating
28888801	Int Comb Engines;Fugitive Emiss.;Other Not Classified;Specify in Comm.s
28888802	Int Comb Engines;Fugitive Emiss.;Other Not Classified;Specify in Comm.s
28888803	Int Comb Engines;Fugitive Emiss.;Other Not Classified;Specify in Comm.s

APPENDIX J
LIST OF FILES ON EPA TTN

APPENDIX J

LIST OF FILES ON EPA TTN

The following files are available through the OAQPS Technology Transfer Network:

OAQPS TTN
Phone (919) 541-5742
CHIEF Bulletin Board
Inventory Data Bases/Programs
Ozone Transport Commission - NO_x

Name	Date	Description
OTC_JUN1.ZIP	6/02/95	OTC NO _x baseline inventory as of 6/1/95
NOXTABLE.WP5	5/03/95	Status report of changes to Feb 16th OTC NO _x Baseline Inventory as of 4/22/95
OTC_INV5.ZIP	3/22/95	Revised baseline inventories for all States
OTC_NWSR.ZIP	3/02/95	Summary of new source submittals as of March 1, 1995 in spreadsheet format
OTC_INV4.ZIP	2/21/95	Updated baseline inventories as of 2/20/95
OTC_INV3.ZIP	2/08/95	Updated baseline inventories as of 2/9/95
OTCINV1A.ZIP	2/06/95	Update baseline inventories as of 2/6/95
ECS131_1.ZIP	2/06/95	Summary of exceptional circumstance submittals
OTC_INV1.ZIP	1/27/95	Revised State inventories as of 1/27/95
NOXRATE.ZIP	1/09/95	NO _x emission rate summaries for default OTC NO _x Baseline Inventory
PROCEDUR.ZIP	12/29/94	Procedures Document
OTC_DAT2.ZIP	12/29/94	Update Initial State Inventories
OTCSTATE.ZIP	12/09/95	Initial State Inventories
OTCBASE.ZIP	11/21/95	Default OTC NO _x Baseline Inventory

TECHNICAL REPORT DATA
(Please read Instructions on the reverse before completing)

1. REPORT NO. EPA-454/R-95-013	2.	3. RECIPIENT'S ACCESSION NO.
4. TITLE AND SUBTITLE 1990 OTC NO _x Baseline Emission Inventory		5. REPORT DATE July 1995
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16. ABSTRACT The states of the Ozone Transport Commission (OTC) agreed to develop a regional strategy for the control of NO _x emissions from stationary sources. As part of this strategy, the OTC Stationary/Area Source Committee proposed a regional NO _x strategy that required NO _x reductions beyond reasonably available control technology (RACT) in two phases. Both phases have emission reduction goals that are calculated as percent reductions from 1990, the baseline year. This report documents the NO _x emissions from 1990 for the OTC states.		
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