Technical Support Document (TSD)

for the Supplemental Proposal to the Transport Rule

Docket ID No. EPA-HQ-OAR-2009-0491

Proposed Unit-Level Ozone Season NO_x Allowance Allocations to Existing Units in Six States Supplemental Proposed Rule TSD

U.S. Environmental Protection Agency
Office of Air and Radiation
June 2011

Proposed Unit-Level Ozone Season NO_x Allowance Allocations to Existing Units in Six States

This Technical Support Document (TSD) presents the proposed unit-level allocations based on the *existing-unit portion* of each state's initial ozone season NO_x emission budget to covered existing units (generally large electric generating units) [1] in Iowa, Kansas, Michigan, Missouri, Oklahoma, and Wisconsin. The ozone season NO_x budgets proposed for each of the named states are specified in Table I.C-1 in Federal Implementation Plans for Iowa, Kansas, Michigan, Missouri, Oklahoma, and Wisconsin to Reduce Interstate Transport of Ozone: Supplemental Notice of Proposed Rulemaking (SNPR) to the final Transport Rule (Federal Implementation Plans to Reduce Interstate Transport of Fine Particulate Matter and Ozone in 27 States; Correction of SIP Approvals for 22 States). The *existing-unit portion* of a state's ozone season NO_x budget is calculated as 100% less the percentage allocation set-aside for new units in that state. Table I.D-1 in the SNPR to the final Transport Rule shows the proposed new unit set-aside allocation percentages for ozone season NO_x allowances for Iowa, Kansas, Michigan, Missouri, Oklahoma, and Wisconsin. [2]

The definition of a "covered existing unit" is given in section VII.D.1 of the preamble to the final Transport Rule. The methodology used for allocating allowances to covered existing units in each state is also specified in section VII.D.1 of the preamble to the final Transport Rule. Table 1, Transport Rule SNPR Allocations to Existing Units in Six States, presents the proposed unit-level allocations from each state's ozone season NO_x emission budget to covered existing units in Iowa, Kansas, Michigan, Missouri, Oklahoma, and Wisconsin. Table 1 and the supporting data EPA used in applying the final Transport Rule existing unit allocation

[1] The applicability provisions for determining covered units in the named six states for the Transport Rule ozone season NO_x program are the same as those described in section VII.B, "Applicability," of the preamble to the final Transport Rule.

[2] EPA uses conventional rounding for its allocation purposes and applies rounding at the unit level for existing unit allocations. Because EPA does not issue allowances nor require compliance using fractional tons, rounding is necessary. The potential impact of rounding on the actual number of allowances proposed for existing units and available for the new unit set-aside in each state is discussed in the TSD entitled "Allowance Allocation Final Rule TSD," which is available in the public docket for this rule.

methodology to eligible units in each of the named states in the SNPR is also publicly available as a downloadable Excel spreadsheet file on EPA's website, http://www.epa.gov/airtransport, under Technical Information.

The Excel file contains two worksheets. The first worksheet, titled "TR Ozone SNPR Allocations," is identical to Table 1. The second worksheet, titled "TR Ozone SNPR Underlying Data," shows all the data and calculations used in determining the unit-level allowance allocations in Table 1 and described in ten steps in the TSD entitled "Allowance Allocation Final Rule TSD," which is available in the public docket for this rule. Each of the ten steps that were used in the final Transport Rule allocations were used in this proposal. They are color coded and displayed in sequential order moving from left to right across the worksheet. The formulas to derive any calculated values are explained directly beneath the column header.

Table 1, Transport Rule SNPR Allocations to Existing Units in Six States

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Ames	Iowa	1122	7	81	79
Ames	Iowa	1122	8	189	185
Burlington (IA)	Iowa	1104	1	577	577
Centerville	Iowa	1105	1	1	1
Centerville	Iowa	1105	2	0	0
Dayton Avenue Substation	Iowa	6463	GT2	1	1
Dubuque	Iowa	1046	1	78	77
Dubuque	Iowa	1046	5	74	73
Dubuque	Iowa	1046	6	10	10
Earl F Wisdom	Iowa	1217	1	45	44
Earl F Wisdom	Iowa	1217	2	2	2
Electrifarm	Iowa	6063	1	10	10
Electrifarm	Iowa	6063	2	10	10
Electrifarm	Iowa	6063	3	18	18
Emery Station	Iowa	8031	11	20	20
Emery Station	Iowa	8031	12	17	17
Exira Station	Iowa	56013	U-1	6	6
Exira Station	Iowa	56013	U-2	8	8
Exira Station	Iowa	56013	U-3	5	5
Fair Station	Iowa	1218	2	108	106
George Neal North	Iowa	1091	1	441	432
George Neal North	Iowa	1091	2	752	736
George Neal North	Iowa	1091	3	1,526	1,494
George Neal South	Iowa	7343	4	1,858	1,818
Greater Des Moines Energy Center	Iowa	7985	1	9	9
Greater Des Moines Energy Center	Iowa	7985	2	8	8
Grinnell	Iowa	7137	1	1	1
Grinnell	Iowa	7137	2	1	1
Lansing	Iowa	1047	1	2	2
Lansing	Iowa	1047	2	2	2
Lansing	Iowa	1047	3	82	80
Lansing	Iowa	1047	4	646	632
Lime Creek	Iowa	7155	**1	7	6
Lime Creek	Iowa	7155	**2	7	6
Louisa	Iowa	6664	101	1,893	1,852
Marshalltown CTs	Iowa	1068	1A	2	2
Marshalltown CTs	Iowa	1068	1B	2	2
Marshalltown CTs	Iowa	1068	2A	1	1
Marshalltown CTs	Iowa	1068	2B	1	1
Marshalltown CTs	Iowa	1068	3A	1	1

Table 1, Transport Rule SNPR Allocations to Existing Units in Six States

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Marshalltown CTs	Iowa	1068	3B	1	1
Milton L Kapp	Iowa	1048	2	459	450
Muscatine	Iowa	1167	8	235	230
Muscatine	Iowa	1167	9	519	508
Ottumwa	Iowa	6254	1	1,842	1,803
Pella	Iowa	1175	6	18	18
Pella	Iowa	1175	7	30	29
Pella	Iowa	1175	8	5	5
Pleasant Hill Energy Center	Iowa	7145	1	3	3
Pleasant Hill Energy Center	Iowa	7145	2	3	3
Pleasant Hill Energy Center	Iowa	7145	3	10	10
Prairie Creek	Iowa	1073	3	145	142
Prairie Creek	Iowa	1073	4	346	339
Riverside (1081)	Iowa	1081	9	305	298
Sixth Street	Iowa	1058	2	22	21
Sixth Street	Iowa	1058	3	25	25
Sixth Street	Iowa	1058	4	20	19
Sixth Street	Iowa	1058	5	78	76
Streeter Station	Iowa	1131	7	35	35
Summit Lake	Iowa	1206	1G	3	3
Summit Lake	Iowa	1206	2G	3	3
Sutherland	Iowa	1077	1	118	115
Sutherland	Iowa	1077	2	128	125
Sutherland	Iowa	1077	3	247	242
Sycamore Combustion Turbine	Iowa	8029	1	9	9
Sycamore Combustion Turbine	Iowa	8029	2	11	11
Walter Scott Jr. Energy Center	Iowa	1082	1	172	168
Walter Scott Jr. Energy Center	Iowa	1082	2	246	241
Walter Scott Jr. Energy Center	Iowa	1082	3	2,021	1,978
Walter Scott Jr. Energy Center	Iowa	1082	4	641	641
Abilene Energy Center Combustion Turbine	Kansas	1251	GT1	16	13
Chanute 2	Kansas	1268	14	24	19
Cimarron River	Kansas	1230	1	63	51
Clifton	Kansas	8037	T1	15	12
Coffeyville	Kansas	1271	4	7	5
East 12th Street	Kansas	7013	4	6	5
Emporia Energy Center	Kansas	56502	EEC1	17	16
Emporia Energy Center	Kansas	56502	EEC2	17	17
Emporia Energy Center	Kansas	56502	EEC3	17	17
Emporia Energy Center	Kansas	56502	EEC4	16	16
Emporia Energy Center	Kansas	56502	EEC5	6	6
Emporia Energy Center	Kansas	56502	EEC6	8	8
Emporia Energy Center	Kansas	56502	EEC7	5	5

Table 1, Transport Rule SNPR Allocations to Existing Units in Six States

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Fort Dodge aka Judson Large	Kansas	1233	4	167	135
Garden City	Kansas	1336	S-2	41	34
Garden City	Kansas	1336	S4	5	4
Garden City	Kansas	1336	S5	5	4
Gordon Evans Energy Center	Kansas	1240	1	89	72
Gordon Evans Energy Center	Kansas	1240	2	223	181
Gordon Evans Energy Center	Kansas	1240	E1CT	2	2
Gordon Evans Energy Center	Kansas	1240	E2CT	3	3
Gordon Evans Energy Center	Kansas	1240	E3CT	9	9
Great Bend Station aka Arthur Mullergren	Kansas	1235	3	93	76
Holcomb	Kansas	108	SGU1	866	702
Hutchinson Energy Center	Kansas	1248	4	107	86
Hutchinson Energy Center	Kansas	1248	GT1	0	0
Hutchinson Energy Center	Kansas	1248	GT2	0	0
Hutchinson Energy Center	Kansas	1248	GT3	0	0
Hutchinson Energy Center	Kansas	1248	GT4	0	0
Jeffrey Energy Center	Kansas	6068	1	1,620	1,313
Jeffrey Energy Center	Kansas	6068	2	1,655	1,341
Jeffrey Energy Center	Kansas	6068	3	1,588	1,287
La Cygne	Kansas	1241	1	1,683	1,364
La Cygne	Kansas	1241	2	1,632	1,323
Lawrence Energy Center	Kansas	1250	3	150	122
Lawrence Energy Center	Kansas	1250	4	275	223
Lawrence Energy Center	Kansas	1250	5	829	672
McPherson 2	Kansas	1305	GT1	2	2
McPherson 2	Kansas	1305	GT2	2	2
McPherson 2	Kansas	1305	GT3	2	2
McPherson 3	Kansas	7515	1	13	11
Murray Gill Energy Center	Kansas	1242	1	7	6
Murray Gill Energy Center	Kansas	1242	2	20	17
Murray Gill Energy Center	Kansas	1242	3	71	58
Murray Gill Energy Center	Kansas	1242	4	59	48
Nearman Creek	Kansas	6064	CT4	21	17
Nearman Creek	Kansas	6064	N1	600	486
Neosho Energy Center	Kansas	1243	7	7	5
Osawatomie Generating Station	Kansas	7928	1	2	2
Quindaro	Kansas	1295	1	187	151
Quindaro	Kansas	1295	2	258	209
Quindaro	Kansas	1295	GT2	1	1
Quindaro	Kansas	1295	GT3	1	1
Riverton	Kansas	1239	12	21	21
Riverton	Kansas	1239	39	78	64
Riverton	Kansas	1239	40	129	105

Table 1, Transport Rule SNPR Allocations to Existing Units in Six States

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Tecumseh Energy Center	Kansas	1252	10	315	256
Tecumseh Energy Center	Kansas	1252	9	193	156
West Gardner Generating Station	Kansas	7929	1	3	3
West Gardner Generating Station	Kansas	7929	2	3	3
West Gardner Generating Station	Kansas	7929	3	3	3
West Gardner Generating Station	Kansas	7929	4	4	4
48th Street Peaking Station	Michigan	7258	**7	4	4
48th Street Peaking Station	Michigan	7258	**8	3	3
48th Street Peaking Station	Michigan	7258	9	5	5
B C Cobb	Michigan	1695	4	308	295
B C Cobb	Michigan	1695	5	323	310
Belle River	Michigan	6034	1	1,285	1,231
Belle River	Michigan	6034	2	1,346	1,290
Belle River	Michigan	6034	CTG121	7	7
Belle River	Michigan	6034	CTG122	6	6
Belle River	Michigan	6034	CTG131	7	7
Cadillac Renewable Energy	Michigan	54415	EUBLR	89	86
Conners Creek	Michigan	1726	15	18	17
Conners Creek	Michigan	1726	16	18	17
Conners Creek	Michigan	1726	17	18	17
Conners Creek	Michigan	1726	18	14	14
DTE East China	Michigan	55718	1	3	3
DTE East China	Michigan	55718	2	3	3
DTE East China	Michigan	55718	3	4	4
DTE East China	Michigan	55718	4	3	3
DTE Pontiac North LLC	Michigan	10111	EUBHB9	38	37
Dan E Karn	Michigan	1702	1	567	544
Dan E Karn	Michigan	1702	2	305	305
Dan E Karn	Michigan	1702	3	101	97
Dan E Karn	Michigan	1702	4	75	71
Dearborn Industrial Generation	Michigan	55088	BL1100	43	43
Dearborn Industrial Generation	Michigan	55088	BL2100	38	38
Dearborn Industrial Generation	Michigan	55088	BL3100	31	31
Dearborn Industrial Generation	Michigan	55088	GT2100	59	59
Dearborn Industrial Generation	Michigan	55088	GT3100	60	60
Dearborn Industrial Generation	Michigan	55088	GTP1	21	21
Delray	Michigan	1728	CTG111	3	3
Delray	Michigan	1728	CTG121	6	6
Eckert Station	Michigan	1831	1	91	87
Eckert Station	Michigan	1831	2	82	79
Eckert Station	Michigan	1831	3	85	81
Eckert Station	Michigan	1831	4	151	145
Eckert Station	Michigan	1831	5	160	154

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Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Eckert Station	Michigan	1831	6	154	147
Endicott Generating	Michigan	4259	1	173	166
Erickson	Michigan	1832	1	369	353
Genesee Power Station	Michigan	54751	01	72	69
Grayling Generating Station	Michigan	10822	1	93	89
Greenwood	Michigan	6035	1	230	221
Greenwood	Michigan	6035	CTG111	7	7
Greenwood	Michigan	6035	CTG112	6	6
Greenwood	Michigan	6035	CTG121	5	5
Hancock Peakers	Michigan	1730	CTG121	1	1
Hancock Peakers	Michigan	1730	CTG122	1	1
Harbor Beach	Michigan	1731	1	71	68
J B Sims	Michigan	1825	3	125	120
J C Weadock	Michigan	1720	7	287	275
J C Weadock	Michigan	1720	8	302	289
J H Campbell	Michigan	1710	1	592	567
J H Campbell	Michigan	1710	2	668	640
J H Campbell	Michigan	1710	3	1,780	1,705
J R Whiting	Michigan	1723	1	248	238
J R Whiting	Michigan	1723	2	250	239
J R Whiting	Michigan	1723	3	291	279
Jackson MI Facility	Michigan	55270	7EA	14	14
Jackson MI Facility	Michigan	55270	LM1	17	17
Jackson MI Facility	Michigan	55270	LM2	16	16
Jackson MI Facility	Michigan	55270	LM3	16	16
Jackson MI Facility	Michigan	55270	LM4	16	16
Jackson MI Facility	Michigan	55270	LM5	16	16
Jackson MI Facility	Michigan	55270	LM6	16	16
James De Young	Michigan	1830	5	43	41
Kalamazoo River Generating Station	Michigan	55101	1	4	4
Kalkaska Ct Project #1	Michigan	7984	1A	4	4
Kalkaska Ct Project #1	Michigan	7984	1B	4	4
Livingston Generating Station	Michigan	55102	1	2	2
Livingston Generating Station	Michigan	55102	2	4	4
Livingston Generating Station	Michigan	55102	3	5	5
Livingston Generating Station	Michigan	55102	4	3	3
Michigan Power Limited Partnership	Michigan	54915	1	85	85
Midland Cogeneration Venture	Michigan	10745	003	110	106
Midland Cogeneration Venture	Michigan	10745	004	86	82
Midland Cogeneration Venture	Michigan	10745	005	95	91
Midland Cogeneration Venture	Michigan	10745	006	163	156
Midland Cogeneration Venture	Michigan	10745	007	92	88
Midland Cogeneration Venture	Michigan	10745	008	120	115

Table 1, Transport Rule SNPR Allocations to Existing Units in Six States

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Midland Cogeneration Venture	Michigan	10745	009	97	93
Midland Cogeneration Venture	Michigan	10745	010	131	126
Midland Cogeneration Venture	Michigan	10745	011	118	114
Midland Cogeneration Venture	Michigan	10745	012	158	158
Midland Cogeneration Venture	Michigan	10745	013	119	114
Midland Cogeneration Venture	Michigan	10745	014	150	144
Midland Cogeneration Venture	Michigan	10745	016	8	8
Midland Cogeneration Venture	Michigan	10745	017	10	10
Midland Cogeneration Venture	Michigan	10745	018	8	8
Midland Cogeneration Venture	Michigan	10745	019	9	9
Midland Cogeneration Venture	Michigan	10745	020	9	9
Midland Cogeneration Venture	Michigan	10745	021	6	6
Mistersky	Michigan	1822	5	4	4
Mistersky	Michigan	1822	6	71	68
Mistersky	Michigan	1822	7	10	10
Mistersky	Michigan	1822	GT-1	1	1
Monroe	Michigan	1733	1	1,517	1,453
Monroe	Michigan	1733	2	1,279	1,225
Monroe	Michigan	1733	3	1,482	1,420
Monroe	Michigan	1733	4	1,404	1,345
New Covert Generating Project	Michigan	55297	001	68	68
New Covert Generating Project	Michigan	55297	002	183	175
New Covert Generating Project	Michigan	55297	003	13	13
Presque Isle	Michigan	1769	5	171	164
Presque Isle	Michigan	1769	6	181	174
Presque Isle	Michigan	1769	7	197	189
Presque Isle	Michigan	1769	8	215	206
Presque Isle	Michigan	1769	9	219	210
Renaissance Power	Michigan	55402	CT1	20	20
Renaissance Power	Michigan	55402	CT2	16	16
Renaissance Power	Michigan	55402	CT3	25	25
Renaissance Power	Michigan	55402	CT4	23	23
River Rouge	Michigan	1740	1		
River Rouge	Michigan	1740	2	498	477
River Rouge	Michigan	1740	3	562	539
Shiras	Michigan	1843	3	114	109
St. Clair	Michigan	1743	1	260	249
St. Clair	Michigan	1743	2	274	262
St. Clair	Michigan	1743	3	288	276
St. Clair	Michigan	1743	4	277	265
St. Clair	Michigan	1743	6	528	506
St. Clair	Michigan	1743	7	734	703
Sumpter Plant	Michigan	7972	1	3	3

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Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Sumpter Plant	Michigan	7972	2	3	3
Sumpter Plant	Michigan	7972	3	3	3
Sumpter Plant	Michigan	7972	4	3	3
TES Filer City Station	Michigan	50835	1	96	92
TES Filer City Station	Michigan	50835	2	96	92
Thetford	Michigan	1719	1	2	2
Thetford	Michigan	1719	2	1	1
Thetford	Michigan	1719	3	1	1
Thetford	Michigan	1719	4	1	1
Trenton Channel	Michigan	1745	16	111	107
Trenton Channel	Michigan	1745	17	111	106
Trenton Channel	Michigan	1745	18	106	101
Trenton Channel	Michigan	1745	19	104	100
Trenton Channel	Michigan	1745	9A	867	830
Wyandotte	Michigan	1866	5	0	0
Wyandotte	Michigan	1866	7	89	86
Wyandotte	Michigan	1866	8	61	58
Zeeland Generating Station	Michigan	55087	CC1	16	16
Zeeland Generating Station	Michigan	55087	CC2	18	18
Zeeland Generating Station	Michigan	55087	CC3	24	24
Zeeland Generating Station	Michigan	55087	CC4	23	23
Asbury	Missouri	2076	1	465	413
Audrain Power Plant	Missouri	55234	CT1	1	1
Audrain Power Plant	Missouri	55234	CT2	1	1
Audrain Power Plant	Missouri	55234	CT3	1	1
Audrain Power Plant	Missouri	55234	CT4	1	1
Audrain Power Plant	Missouri	55234	CT5	1	1
Audrain Power Plant	Missouri	55234	CT6	1	1
Audrain Power Plant	Missouri	55234	CT7	1	1
Audrain Power Plant	Missouri	55234	CT8	1	1
Blue Valley	Missouri	2132	3	77	68
Chamois Power Plant	Missouri	2169	2	120	106
Chillicothe	Missouri	2122	GT1A	0	0
Chillicothe	Missouri	2122	GT1B	0	0
Chillicothe	Missouri	2122	GT2A	0	0
Chillicothe	Missouri	2122	GT2B	0	0
Columbia	Missouri	2123	6	21	19
Columbia	Missouri	2123	7	30	27
Columbia	Missouri	2123	8	0	0
Columbia Energy Center (MO)	Missouri	55447	CT01	1	1
Columbia Energy Center (MO)	Missouri	55447	CT02	1	1
Columbia Energy Center (MO)	Missouri	55447	CT03	1	1
Columbia Energy Center (MO)	Missouri	55447	CT04	0	0

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Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Dogwood Energy Facility	Missouri	55178	CT-1	23	23
Dogwood Energy Facility	Missouri	55178	CT-2	18	18
Empire District Elec Co Energy Ctr	Missouri	6223	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	2	2
Empire District Elec Co Energy Ctr	Missouri	6223	3A	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	3B	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4A	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4B	6	6
Essex Power Plant	Missouri	7749	1	8	8
Fairgrounds	Missouri	2082	CT01	0	0
Greenwood Energy Center	Missouri	6074	1	3	2
Greenwood Energy Center	Missouri	6074	2	2	2
Greenwood Energy Center	Missouri	6074	3	3	3
Greenwood Energy Center	Missouri	6074	4	4	3
Hawthorn	Missouri	2079	5A	1,082	1,082
Hawthorn	Missouri	2079	6	1	1
Hawthorn	Missouri	2079	7	6	6
Hawthorn	Missouri	2079	8	7	7
Hawthorn	Missouri	2079	9	21	21
Higginsville Municipal Power Plant	Missouri	2131	4A	0	0
Higginsville Municipal Power Plant	Missouri	2131	4B	0	0
Holden Power Plant	Missouri	7848	1	3	3
Holden Power Plant	Missouri	7848	2	4	4
Holden Power Plant	Missouri	7848	3	3	3
Howard Bend	Missouri	2102	CT1A	0	0
Howard Bend	Missouri	2102	CT1B	0	0
Iatan	Missouri	6065	1	1,623	1,441
James River	Missouri	2161	**GT1	7	6
James River	Missouri	2161	**GT2	14	12
James River	Missouri	2161	3	103	92
James River	Missouri	2161	4	120	107
James River	Missouri	2161	5	219	195
Labadie	Missouri	2103	1	986	986
Labadie	Missouri	2103	2	1,038	1,038
Labadie	Missouri	2103	3	1,121	1,121
Labadie	Missouri	2103	4	1,100	1,100
Lake Road	Missouri	2098	6	210	186
Lake Road	Missouri	2098	GT5	1	1
McCartney Generating Station	Missouri	7903	MGS1A	11	10
McCartney Generating Station	Missouri	7903	MGS1B	11	9
McCartney Generating Station	Missouri	7903	MGS2A	10	9
McCartney Generating Station	Missouri	7903	MGS2B	10	9
Meramec	Missouri	2104	1	301	267

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Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Meramec	Missouri	2104	2	295	262
Meramec	Missouri	2104	3	570	506
Meramec	Missouri	2104	4	747	663
Meramec	Missouri	2104	CT01	0	0
Meramec	Missouri	2104	CT2A	0	0
Meramec	Missouri	2104	CT2B	0	0
Mexico	Missouri	6650	CT01	0	0
Moberly	Missouri	6651	CT01	1	0
Montrose	Missouri	2080	1	367	326
Montrose	Missouri	2080	2	349	310
Montrose	Missouri	2080	3	363	322
Moreau	Missouri	6652	CT01	0	0
New Madrid Power Plant	Missouri	2167	1	1,167	1,037
New Madrid Power Plant	Missouri	2167	2	1,174	1,043
Nodaway Power Plant	Missouri	7754	1	5	4
Nodaway Power Plant	Missouri	7754	2	5	5
Northeast Generating Station	Missouri	2081	11	0	0
Northeast Generating Station	Missouri	2081	12	0	0
Northeast Generating Station	Missouri	2081	13	0	0
Northeast Generating Station	Missouri	2081	14	0	0
Northeast Generating Station	Missouri	2081	15	0	0
Northeast Generating Station	Missouri	2081	16	0	0
Northeast Generating Station	Missouri	2081	17	0	0
Northeast Generating Station	Missouri	2081	18	0	0
Peno Creek Energy Center	Missouri	7964	CT1A	8	8
Peno Creek Energy Center	Missouri	7964	CT1B	8	8
Peno Creek Energy Center	Missouri	7964	CT2A	8	7
Peno Creek Energy Center	Missouri	7964	CT2B	7	7
Peno Creek Energy Center	Missouri	7964	CT3A	7	7
Peno Creek Energy Center	Missouri	7964	CT3B	8	8
Peno Creek Energy Center	Missouri	7964	CT4A	8	8
Peno Creek Energy Center	Missouri	7964	CT4B	8	8
Ralph Green Station	Missouri	2092	3	1	1
Rush Island	Missouri	6155	1	885	885
Rush Island	Missouri	6155	2	916	916
Sibley	Missouri	2094	1	107	95
Sibley	Missouri	2094	2	111	99
Sibley	Missouri	2094	3	721	641
Sikeston	Missouri	6768	1	647	575
Sioux	Missouri	2107	1	913	811
Sioux	Missouri	2107	2	815	723
South Harper Peaking Facility	Missouri	56151	1	12	12
South Harper Peaking Facility	Missouri	56151	2	16	16

Table 1, Transport Rule SNPR Allocations to Existing Units in Six States

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
South Harper Peaking Facility	Missouri	56151	3	20	20
Southwest	Missouri	6195	1	414	368
Southwest	Missouri	6195	CT1A	1	1
Southwest	Missouri	6195	CT1B	1	1
Southwest	Missouri	6195	CT2A	1	1
Southwest	Missouri	6195	CT2B	1	1
St. Francis Power Plant	Missouri	7604	1	19	19
St. Francis Power Plant	Missouri	7604	2	18	18
State Line (MO)	Missouri	7296	1	6	5
State Line (MO)	Missouri	7296	2-1	28	28
State Line (MO)	Missouri	7296	2-2	29	29
Thomas Hill Energy Center	Missouri	2168	MB1	432	383
Thomas Hill Energy Center	Missouri	2168	MB2	658	584
Thomas Hill Energy Center	Missouri	2168	MB3	1,377	1,223
Viaduct	Missouri	2096	CT01	0	0
AES Shady Point	Oklahoma	10671	1A	91	91
AES Shady Point	Oklahoma	10671	1B	74	74
AES Shady Point	Oklahoma	10671	2A	83	83
AES Shady Point	Oklahoma	10671	2B	99	99
Anadarko	Oklahoma	3006	10	7	7
Anadarko	Oklahoma	3006	11	6	6
Anadarko	Oklahoma	3006	3	2	2
Anadarko	Oklahoma	3006	7	6	6
Anadarko	Oklahoma	3006	8	5	5
Anadarko	Oklahoma	3006	9	7	7
Anadarko Plant	Oklahoma	3006	4	154	154
Anadarko Plant	Oklahoma	3006	5	132	132
Anadarko Plant	Oklahoma	3006	6	127	127
Chouteau Power Plant	Oklahoma	7757	1	40	40
Chouteau Power Plant	Oklahoma	7757	2	38	38
Comanche (8059)	Oklahoma	8059	7251	203	203
Comanche (8059)	Oklahoma	8059	7252	229	229
Grand River Dam Authority	Oklahoma	165	1	1,238	1,238
Grand River Dam Authority	Oklahoma	165	2	1,557	1,557
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	73	73
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	66	66
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	67	67
Horseshoe Lake	Oklahoma	2951	10	10	10
Horseshoe Lake	Oklahoma	2951	6	210	210
Horseshoe Lake	Oklahoma	2951	7	309	309
Horseshoe Lake	Oklahoma	2951	8	411	411
Horseshoe Lake	Oklahoma	2951	9	7	7
Hugo	Oklahoma	6772	1	1,220	1,220

Table 1, Transport Rule SNPR Allocations to Existing Units in Six States

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
McClain Energy Facility	Oklahoma	55457	CT1	74	74
McClain Energy Facility	Oklahoma	55457	CT2	79	79
Mooreland	Oklahoma	3008	1	5	5
Mooreland	Oklahoma	3008	2	104	104
Mooreland	Oklahoma	3008	3	117	117
Muskogee	Oklahoma	2952	3	110	110
Muskogee	Oklahoma	2952	4	1,244	1,244
Muskogee	Oklahoma	2952	5	1,292	1,292
Muskogee	Oklahoma	2952	6	1,180	1,180
Mustang	Oklahoma	2953	1	22	22
Mustang	Oklahoma	2953	2	22	22
Mustang	Oklahoma	2953	3	125	125
Mustang	Oklahoma	2953	4	279	279
Mustang	Oklahoma	2953	5A	4	4
Mustang	Oklahoma	2953	5B	4	4
Northeastern	Oklahoma	2963	3301A	101	101
Northeastern	Oklahoma	2963	3301B	89	89
Northeastern	Oklahoma	2963	3302	634	634
Northeastern	Oklahoma	2963	3313	1,201	1,201
Northeastern	Oklahoma	2963	3314	1,212	1,212
Oneta Energy Center	Oklahoma	55225	CTG-1	63	63
Oneta Energy Center	Oklahoma	55225	CTG-2	64	64
Oneta Energy Center	Oklahoma	55225	CTG-3	237	237
Oneta Energy Center	Oklahoma	55225	CTG-4	245	245
Ponca	Oklahoma	762	2	1	1
Ponca	Oklahoma	762	3	25	25
Ponca	Oklahoma	762	4	12	12
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	142	142
Redbud Power Plant	Oklahoma	55463	CT-01	33	33
Redbud Power Plant	Oklahoma	55463	CT-02	32	32
Redbud Power Plant	Oklahoma	55463	CT-03	26	26
Redbud Power Plant	Oklahoma	55463	CT-04	29	29
Riverside (4940)	Oklahoma	4940	1501	489	489
Riverside (4940)	Oklahoma	4940	1502	488	488
Riverside (4940)	Oklahoma	4940	1503	16	16
Riverside (4940)	Oklahoma	4940	1504	12	12
Seminole (2956)	Oklahoma	2956	1	497	497
Seminole (2956)	Oklahoma	2956	2	512	512
Seminole (2956)	Oklahoma	2956	3	509	509
Sooner	Oklahoma	6095	1	1,347	1,347
Sooner	Oklahoma	6095	2	1,229	1,229
Southwestern	Oklahoma	2964	8002	21	21
Southwestern	Oklahoma	2964	8003	344	344

Table 1, Transport Rule SNPR Allocations to Existing Units in Six States

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Southwestern	Oklahoma	2964	8004	4	4
Southwestern	Oklahoma	2964	8005	4	4
Southwestern	Oklahoma	2964	801N	11	11
Southwestern	Oklahoma	2964	801S	11	11
Spring Creek Power Plant	Oklahoma	55651	CT-01	4	4
Spring Creek Power Plant	Oklahoma	55651	CT-02	14	14
Spring Creek Power Plant	Oklahoma	55651	CT-03	13	13
Spring Creek Power Plant	Oklahoma	55651	CT-04	16	16
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	86	86
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	82	82
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	85	85
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	82	82
Tulsa	Oklahoma	2965	1402	92	92
Tulsa	Oklahoma	2965	1403	38	38
Tulsa	Oklahoma	2965	1404	106	106
Weleetka	Oklahoma	2966	4	3	3
Weleetka	Oklahoma	2966	5	3	3
Weleetka	Oklahoma	2966	6	3	3
Alma	Wisconsin	4140	B4	69	66
Alma	Wisconsin	4140	B5	110	106
Bay Front	Wisconsin	3982	1	43	41
Bay Front	Wisconsin	3982	2	43	41
Bay Front	Wisconsin	3982	5	51	49
Blount Street	Wisconsin	3992	3	0	0
Blount Street	Wisconsin	3992	5	1	1
Blount Street	Wisconsin	3992	6	1	1
Blount Street	Wisconsin	3992	7	8	7
Blount Street	Wisconsin	3992	8	30	29
Blount Street	Wisconsin	3992	9	31	30
Columbia	Wisconsin	8023	1	1,079	1,037
Columbia	Wisconsin	8023	2	1,036	996
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	3	3
Concord	Wisconsin	7159	**1	18	17
Concord	Wisconsin	7159	**2	20	19
Concord	Wisconsin	7159	**3	9	9
Concord	Wisconsin	7159	**4	9	9
DTE Stoneman, LLC	Wisconsin	4146	B1	7	7
DTE Stoneman, LLC	Wisconsin	4146	B2	11	11
Depere Energy Center	Wisconsin	55029	B01	23	22
Edgewater (4050)	Wisconsin	4050	3	110	106
Edgewater (4050)	Wisconsin	4050	4	536	516
Edgewater (4050)	Wisconsin	4050	5	670	644
Elk Mound Generating Station	Wisconsin	7863	1	2	2

Table 1, Transport Rule SNPR Allocations to Existing Units in Six States

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Elk Mound Generating Station	Wisconsin	7863	2	2	2
Elm Road Generating Station	Wisconsin	56068	1	168	168
Fitchburg Generating Station	Wisconsin	3991	1	1	1
Fitchburg Generating Station	Wisconsin	3991	2	1	1
Fox Energy Company LLC	Wisconsin	56031	CTG-1	14	14
Fox Energy Company LLC	Wisconsin	56031	CTG-2	16	16
French Island	Wisconsin	4005	3	0	0
French Island	Wisconsin	4005	4	1	1
Genoa	Wisconsin	4143	1	531	511
Germantown Power Plant	Wisconsin	6253	**5	11	11
Germantown Power Plant	Wisconsin	6253	P30	0	0
Germantown Power Plant	Wisconsin	6253	P31	0	0
Germantown Power Plant	Wisconsin	6253	P32	0	0
Germantown Power Plant	Wisconsin	6253	P33	0	0
Germantown Power Plant	Wisconsin	6253	P34	1	1
Germantown Power Plant	Wisconsin	6253	P35	1	1
Germantown Power Plant	Wisconsin	6253	P36	1	1
Germantown Power Plant	Wisconsin	6253	P37	1	1
Island Street Peaking Plant	Wisconsin	55836	1A	6	5
Island Street Peaking Plant	Wisconsin	55836	1B	6	5
J P Madgett	Wisconsin	4271	B1	654	629
Manitowoc	Wisconsin	4125	6	15	14
Manitowoc	Wisconsin	4125	7	17	17
Manitowoc	Wisconsin	4125	8	42	40
Manitowoc	Wisconsin	4125	9	107	103
Neenah Energy Facility	Wisconsin	55135	CT01	15	15
Neenah Energy Facility	Wisconsin	55135	CT02	17	16
Nelson Dewey	Wisconsin	4054	1	183	176
Nelson Dewey	Wisconsin	4054	2	214	206
Paris	Wisconsin	7270	**1	7	6
Paris	Wisconsin	7270	**2	8	7
Paris	Wisconsin	7270	**3	10	9
Paris	Wisconsin	7270	**4	11	10
Pleasant Prairie	Wisconsin	6170	1	1,265	1,217
Pleasant Prairie	Wisconsin	6170	2	1,205	1,159
Port Washington Generating Station	Wisconsin	4040	11	18	18
Port Washington Generating Station	Wisconsin	4040	12	15	15
Port Washington Generating Station	Wisconsin	4040	21	23	23
Port Washington Generating Station	Wisconsin	4040	22	22	22
Pulliam	Wisconsin	4072	32	14	14
Pulliam	Wisconsin	4072	5	94	91
Pulliam	Wisconsin	4072	6	131	126
Pulliam	Wisconsin	4072	7	154	148

Table 1, Transport Rule SNPR Allocations to Existing Units in Six States

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Pulliam	Wisconsin	4072	8	234	225
Riverside Energy Center	Wisconsin	55641	CT-01	16	16
Riverside Energy Center	Wisconsin	55641	CT-02	28	28
Rock River	Wisconsin	4057	1	5	5
Rock River	Wisconsin	4057	2	10	9
Rock River	Wisconsin	4057	CT3	0	0
Rock River	Wisconsin	4057	CT5A	1	1
Rock River	Wisconsin	4057	CT5B	1	1
Rock River	Wisconsin	4057	CT6A	1	1
Rock River	Wisconsin	4057	CT6B	1	1
Rockgen Energy Center	Wisconsin	55391	CT-1	13	13
Rockgen Energy Center	Wisconsin	55391	CT-2	13	13
Rockgen Energy Center	Wisconsin	55391	CT-3	14	14
Sheboygan Falls Energy Facility	Wisconsin	56166	1	7	7
Sheboygan Falls Energy Facility	Wisconsin	56166	2	7	7
Sheepskin	Wisconsin	4059	CT1A	0	0
Sheepskin	Wisconsin	4059	CT1B	0	0
South Fond Du Lac	Wisconsin	7203	**CT1	7	7
South Fond Du Lac	Wisconsin	7203	**CT2	8	8
South Fond Du Lac	Wisconsin	7203	**CT3	8	7
South Fond Du Lac	Wisconsin	7203	**CT4	7	6
South Oak Creek	Wisconsin	4041	5	395	380
South Oak Creek	Wisconsin	4041	6	387	372
South Oak Creek	Wisconsin	4041	7	456	438
South Oak Creek	Wisconsin	4041	8	443	426
Valley (WEPCO)	Wisconsin	4042	1	100	97
Valley (WEPCO)	Wisconsin	4042	2	102	99
Valley (WEPCO)	Wisconsin	4042	3	107	103
Valley (WEPCO)	Wisconsin	4042	4	106	102
West Marinette	Wisconsin	4076	**33	22	21
West Marinette	Wisconsin	4076	**34	13	13
West Marinette	Wisconsin	4076	31A	1	1
West Marinette	Wisconsin	4076	31B	1	1
West Marinette	Wisconsin	4076	32A	2	2
West Marinette	Wisconsin	4076	32B	2	2
Weston	Wisconsin	4078	1	102	98
Weston	Wisconsin	4078	2	171	165
Weston	Wisconsin	4078	3	684	658
Weston	Wisconsin	4078	32A	0	0
Weston	Wisconsin	4078	32B	0	0
Weston	Wisconsin	4078	4	442	442
Wheaton Generating Plant	Wisconsin	4014	1	2	2
Wheaton Generating Plant	Wisconsin	4014	2	2	2

Table 1, Transport Rule SNPR Allocations to Existing Units in Six States

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2014 (tons)
Wheaton Generating Plant	Wisconsin	4014	3	5	5
Wheaton Generating Plant	Wisconsin	4014	4	4	4
Wheaton Generating Plant	Wisconsin	4014	5	0	0
Wheaton Generating Plant	Wisconsin	4014	6	0	0
Whitewater Cogeneration Facility	Wisconsin	55011	01	29	29