

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)	NOx OS Allocation 2018 (tons)	NOx OS Allocation 2019 (tons)
Ames	Iowa	1122	7	81	81	79	79	79	79	79	79
Ames	Iowa	1122	8	189	189	185	185	185	185	185	185
Burlington (IA)	Iowa	1104	1	577	577	577	577	577	577	577	577
Centerville	Iowa	1105	1	1	1	1	1	1	1	1	1
Centerville	Iowa	1105	2	0	0	0	0	0	0	0	0
Dayton Avenue Substation	Iowa	6463	GT2	1	1	1	1	1	1	1	1
Dubuque	Iowa	1046	1	78	78	77	77	77	77	77	77
Dubuque	Iowa	1046	5	74	74	73	73	73	73	73	73
Dubuque	Iowa	1046	6	10	10	10	10	10	10	10	10
Earl F Wisdom	Iowa	1217	1	45	45	44	44	44	44	44	44
Earl F Wisdom	Iowa	1217	2	2	2	2	2	2	2	2	2
Electrifarm	Iowa	6063	1	10	10	10	10	10	10	10	10
Electrifarm	Iowa	6063	2	10	10	10	10	10	10	10	10
Electrifarm	Iowa	6063	3	18	18	18	18	18	18	18	18
Emery Station	Iowa	8031	11	20	20	20	20	20	20	20	20
Emery Station	Iowa	8031	12	17	17	17	17	17	17	17	17
Exira Station	Iowa	56013	U-1	6	6	6	6	6	6	6	6
Exira Station	Iowa	56013	U-2	8	8	8	8	8	8	8	8
Exira Station	Iowa	56013	U-3	5	5	5	5	5	5	5	5
Fair Station	Iowa	1218	2	108	108	106	106	106	106	106	106
George Neal North	Iowa	1091	1	441	441	432	432	432	432	432	432
George Neal North	Iowa	1091	2	752	752	736	736	736	736	736	736
George Neal North	Iowa	1091	3	1,526	1,526	1,494	1,494	1,494	1,494	1,494	1,494
George Neal South	Iowa	7343	4	1,858	1,858	1,818	1,818	1,818	1,818	1,818	1,818
Greater Des Moines Energy Center	Iowa	7985	1	9	9	9	9	9	9	9	9
Greater Des Moines Energy Center	Iowa	7985	2	8	8	8	8	8	8	8	8
Grinnell	Iowa	7137	1	1	1	1	1	1	1	1	1
Grinnell	Iowa	7137	2	1	1	1	1	1	1	1	1
Lansing	Iowa	1047	1	2	2	2	2	2	2	2	2
Lansing	Iowa	1047	2	2	2	2	2	2	2	2	2
Lansing	Iowa	1047	3	82	82	80	80	80	80	80	80
Lansing	Iowa	1047	4	646	646	632	632	632	632	632	632
Lime Creek	Iowa	7155	**1	7	7	6	6	6	6	6	6
Lime Creek	Iowa	7155	**2	7	7	6	6	6	6	6	6
Louisa	Iowa	6664	101	1,893	1,893	1,852	1,852	1,852	1,852	1,852	1,852
Marshalltown CTs	Iowa	1068	1A	2	2	2	2	2	2	2	2
Marshalltown CTs	Iowa	1068	1B	2	2	2	2	2	2	2	2
Marshalltown CTs	Iowa	1068	2A	1	1	1	1	1	1	1	1

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Marshalltown CTs	Iowa	1068	2B	1	1	1	1	1	1	1	1
Marshalltown CTs	Iowa	1068	3A	1	1	1	1	1	1	1	1
Marshalltown CTs	Iowa	1068	3B	1	1	1	1	1	1	1	1
Milton L Kapp	Iowa	1048	2	459	459	450	450	450	450	450	450
Muscatine	Iowa	1167	8	235	235	230	230	230	230	230	230
Muscatine	Iowa	1167	9	519	519	508	508	508	508	508	508
Ottumwa	Iowa	6254	1	1,842	1,842	1,803	1,803	1,803	1,803	1,803	1,803
Pella	Iowa	1175	6	18	18	18	18	18	18	18	18
Pella	Iowa	1175	7	30	30	29	29	29	29	29	29
Pella	Iowa	1175	8	5	5	5	5	5	5	5	5
Pleasant Hill Energy Center	Iowa	7145	1	3	3	3	3	3	3	3	3
Pleasant Hill Energy Center	Iowa	7145	2	3	3	3	3	3	3	3	3
Pleasant Hill Energy Center	Iowa	7145	3	10	10	10	10	10	10	10	10
Prairie Creek	Iowa	1073	3	145	145	142	142	142	142	142	142
Prairie Creek	Iowa	1073	4	346	346	339	339	339	339	339	339
Riverside (1081)	Iowa	1081	9	305	305	298	298	298	298	298	298
Sixth Street	Iowa	1058	2	22	22	21	21	21	21	21	21
Sixth Street	Iowa	1058	3	25	25	25	25	25	25	25	25
Sixth Street	Iowa	1058	4	20	20	19	19	19	19	19	19
Sixth Street	Iowa	1058	5	78	78	76	76	76	76	76	76
Streeter Station	Iowa	1131	7	35	35	35	35	35	35	35	35
Summit Lake	Iowa	1206	1G	3	3	3	3	3	3	3	3
Summit Lake	Iowa	1206	2G	3	3	3	3	3	3	3	3
Sutherland	Iowa	1077	1	118	118	115	115	115	115	115	115
Sutherland	Iowa	1077	2	128	128	125	125	125	125	125	125
Sutherland	Iowa	1077	3	247	247	242	242	242	242	242	242
Sycamore Combustion Turbine	Iowa	8029	1	9	9	9	9	9	9	9	9
Sycamore Combustion Turbine	Iowa	8029	2	11	11	11	11	11	11	11	11
Walter Scott Jr. Energy Center	Iowa	1082	1	172	172	168	168	168	168	168	168
Walter Scott Jr. Energy Center	Iowa	1082	2	246	246	241	241	241	241	241	241
Walter Scott Jr. Energy Center	Iowa	1082	3	2,021	2,021	1,978	1,978	1,978	1,978	1,978	1,978
Walter Scott Jr. Energy Center	Iowa	1082	4	641	641	641	641	641	641	641	641
48th Street Peaking Station	Michigan	7258	**7	4	4	4	4	4	4	4	4
48th Street Peaking Station	Michigan	7258	**8	3	3	3	3	3	3	3	3
48th Street Peaking Station	Michigan	7258	9	5	5	5	5	5	5	5	5
B C Cobb	Michigan	1695	4	337	337	324	324	324	324	324	324
B C Cobb	Michigan	1695	5	354	354	340	340	340	340	340	340
Belle River	Michigan	6034	1	1,407	1,407	1,352	1,352	1,352	1,352	1,352	1,352

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Belle River	Michigan	6034	2	1,474	1,474	1,416	1,416	1,416	1,416	1,416	1,416
Belle River	Michigan	6034	CTG121	7	7	7	7	7	7	7	7
Belle River	Michigan	6034	CTG122	6	6	6	6	6	6	6	6
Belle River	Michigan	6034	CTG131	7	7	7	7	7	7	7	7
Cadillac Renewable Energy	Michigan	54415	EUBLR	98	98	94	94	94	94	94	94
Conners Creek	Michigan	1726	15	19	19	18	18	18	18	18	18
Conners Creek	Michigan	1726	16	20	20	19	19	19	19	19	19
Conners Creek	Michigan	1726	17	19	19	18	18	18	18	18	18
Conners Creek	Michigan	1726	18	16	16	15	15	15	15	15	15
DTE East China	Michigan	55718	1	3	3	3	3	3	3	3	3
DTE East China	Michigan	55718	2	3	3	3	3	3	3	3	3
DTE East China	Michigan	55718	3	4	4	4	4	4	4	4	4
DTE East China	Michigan	55718	4	3	3	3	3	3	3	3	3
DTE Pontiac North LLC	Michigan	10111	EUBHB9	42	42	40	40	40	40	40	40
Dan E Karn	Michigan	1702	1	621	621	597	597	597	597	597	597
Dan E Karn	Michigan	1702	2	305	305	305	305	305	305	305	305
Dan E Karn	Michigan	1702	3	111	111	107	107	107	107	107	107
Dan E Karn	Michigan	1702	4	82	82	78	78	78	78	78	78
Dearborn Industrial Generation	Michigan	55088	BL1100	43	43	43	43	43	43	43	43
Dearborn Industrial Generation	Michigan	55088	BL2100	38	38	38	38	38	38	38	38
Dearborn Industrial Generation	Michigan	55088	BL3100	31	31	31	31	31	31	31	31
Dearborn Industrial Generation	Michigan	55088	GT2100	59	59	59	59	59	59	59	59
Dearborn Industrial Generation	Michigan	55088	GT3100	60	60	60	60	60	60	60	60
Dearborn Industrial Generation	Michigan	55088	GTP1	21	21	21	21	21	21	21	21
Delray	Michigan	1728	CTG111	3	3	3	3	3	3	3	3
Delray	Michigan	1728	CTG121	6	6	6	6	6	6	6	6
Eckert Station	Michigan	1831	1	100	100	96	96	96	96	96	96
Eckert Station	Michigan	1831	2	90	90	87	87	87	87	87	87
Eckert Station	Michigan	1831	3	93	93	90	90	90	90	90	90
Eckert Station	Michigan	1831	4	165	165	159	159	159	159	159	159
Eckert Station	Michigan	1831	5	176	176	169	169	169	169	169	169
Eckert Station	Michigan	1831	6	168	168	162	162	162	162	162	162
Endicott Generating	Michigan	4259	1	190	190	182	182	182	182	182	182
Erickson	Michigan	1832	1	404	404	388	388	388	388	388	388
Genesee Power Station	Michigan	54751	01	79	79	76	76	76	76	76	76
Grayling Generating Station	Michigan	10822	1	102	102	98	98	98	98	98	98
Greenwood	Michigan	6035	1	252	252	242	242	242	242	242	242
Greenwood	Michigan	6035	CTG111	7	7	7	7	7	7	7	7

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Greenwood	Michigan	6035	CTG112	6	6	6	6	6	6	6	6
Greenwood	Michigan	6035	CTG121	5	5	5	5	5	5	5	5
Hancock Peak	Michigan	1730	CTG121	1	1	1	1	1	1	1	1
Hancock Peak	Michigan	1730	CTG122	1	1	1	1	1	1	1	1
Harbor Beach	Michigan	1731	1	77	77	74	74	74	74	74	74
J B Sims	Michigan	1825	3	137	137	131	131	131	131	131	131
J C Weadock	Michigan	1720	7	314	314	302	302	302	302	302	302
J C Weadock	Michigan	1720	8	330	330	317	317	317	317	317	317
J H Campbell	Michigan	1710	1	648	648	623	623	623	623	623	623
J H Campbell	Michigan	1710	2	731	731	703	703	703	703	703	703
J H Campbell	Michigan	1710	3	1,949	1,949	1,873	1,873	1,873	1,873	1,873	1,873
J R Whiting	Michigan	1723	1	272	272	261	261	261	261	261	261
J R Whiting	Michigan	1723	2	273	273	263	263	263	263	263	263
J R Whiting	Michigan	1723	3	319	319	307	307	307	307	307	307
Jackson MI Facility	Michigan	55270	7EA	14	14	14	14	14	14	14	14
Jackson MI Facility	Michigan	55270	LM1	17	17	17	17	17	17	17	17
Jackson MI Facility	Michigan	55270	LM2	16	16	16	16	16	16	16	16
Jackson MI Facility	Michigan	55270	LM3	16	16	16	16	16	16	16	16
Jackson MI Facility	Michigan	55270	LM4	16	16	16	16	16	16	16	16
Jackson MI Facility	Michigan	55270	LM5	16	16	16	16	16	16	16	16
Jackson MI Facility	Michigan	55270	LM6	16	16	16	16	16	16	16	16
James De Young	Michigan	1830	5	47	47	45	45	45	45	45	45
Kalamazoo River Generating Station	Michigan	55101	1	4	4	4	4	4	4	4	4
Kalkaska Ct Project #1	Michigan	7984	1A	4	4	4	4	4	4	4	4
Kalkaska Ct Project #1	Michigan	7984	1B	4	4	4	4	4	4	4	4
Livingston Generating Station	Michigan	55102	1	2	2	2	2	2	2	2	2
Livingston Generating Station	Michigan	55102	2	4	4	4	4	4	4	4	4
Livingston Generating Station	Michigan	55102	3	5	5	5	5	5	5	5	5
Livingston Generating Station	Michigan	55102	4	4	4	4	4	4	4	4	4
Michigan Power Limited Partnership	Michigan	54915	1	85	85	85	85	85	85	85	85
Midland Cogeneration Venture	Michigan	10745	003	121	121	116	116	116	116	116	116
Midland Cogeneration Venture	Michigan	10745	004	94	94	90	90	90	90	90	90
Midland Cogeneration Venture	Michigan	10745	005	104	104	100	100	100	100	100	100
Midland Cogeneration Venture	Michigan	10745	006	178	178	171	171	171	171	171	171
Midland Cogeneration Venture	Michigan	10745	007	94	94	94	94	94	94	94	94
Midland Cogeneration Venture	Michigan	10745	008	132	132	127	127	127	127	127	127
Midland Cogeneration Venture	Michigan	10745	009	106	106	102	102	102	102	102	102
Midland Cogeneration Venture	Michigan	10745	010	141	141	138	138	138	138	138	138

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Midland Cogeneration Venture	Michigan	10745	011	130	130	125	125	125	125	125	125
Midland Cogeneration Venture	Michigan	10745	012	158	158	158	158	158	158	158	158
Midland Cogeneration Venture	Michigan	10745	013	130	130	125	125	125	125	125	125
Midland Cogeneration Venture	Michigan	10745	014	164	164	158	158	158	158	158	158
Midland Cogeneration Venture	Michigan	10745	016	8	8	8	8	8	8	8	8
Midland Cogeneration Venture	Michigan	10745	017	10	10	10	10	10	10	10	10
Midland Cogeneration Venture	Michigan	10745	018	8	8	8	8	8	8	8	8
Midland Cogeneration Venture	Michigan	10745	019	9	9	9	9	9	9	9	9
Midland Cogeneration Venture	Michigan	10745	020	9	9	9	9	9	9	9	9
Midland Cogeneration Venture	Michigan	10745	021	6	6	6	6	6	6	6	6
Mistersky	Michigan	1822	5	5	5	4	4	4	4	4	4
Mistersky	Michigan	1822	6	78	78	75	75	75	75	75	75
Mistersky	Michigan	1822	7	11	11	11	11	11	11	11	11
Mistersky	Michigan	1822	GT-1	1	1	1	1	1	1	1	1
Monroe	Michigan	1733	1	1,661	1,661	1,596	1,596	1,596	1,596	1,596	1,596
Monroe	Michigan	1733	2	1,400	1,400	1,346	1,346	1,346	1,346	1,346	1,346
Monroe	Michigan	1733	3	1,623	1,623	1,560	1,560	1,560	1,560	1,560	1,560
Monroe	Michigan	1733	4	1,537	1,537	1,478	1,478	1,478	1,478	1,478	1,478
New Covert Generating Project	Michigan	55297	001	68	68	68	68	68	68	68	68
New Covert Generating Project	Michigan	55297	002	185	185	185	185	185	185	185	185
New Covert Generating Project	Michigan	55297	003	13	13	13	13	13	13	13	13
Presque Isle	Michigan	1769	5	187	187	180	180	180	180	180	180
Presque Isle	Michigan	1769	6	199	199	191	191	191	191	191	191
Presque Isle	Michigan	1769	7	215	215	207	207	207	207	207	207
Presque Isle	Michigan	1769	8	235	235	226	226	226	226	226	226
Presque Isle	Michigan	1769	9	240	240	231	231	231	231	231	231
Renaissance Power	Michigan	55402	CT1	20	20	20	20	20	20	20	20
Renaissance Power	Michigan	55402	CT2	16	16	16	16	16	16	16	16
Renaissance Power	Michigan	55402	CT3	25	25	25	25	25	25	25	25
Renaissance Power	Michigan	55402	CT4	23	23	23	23	23	23	23	23
River Rouge	Michigan	1740	1								
River Rouge	Michigan	1740	2	546	546	524	524	524	524	524	524
River Rouge	Michigan	1740	3	616	616	592	592	592	592	592	592
Shiras	Michigan	1843	3	125	125	120	120	120	120	120	120
St. Clair	Michigan	1743	1	284	284	273	273	273	273	273	273
St. Clair	Michigan	1743	2	300	300	288	288	288	288	288	288
St. Clair	Michigan	1743	3	315	315	303	303	303	303	303	303
St. Clair	Michigan	1743	4	303	303	291	291	291	291	291	291

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St. Clair	Michigan	1743	6	578	578	555	555	555	555	555	555
St. Clair	Michigan	1743	7	803	803	772	772	772	772	772	772
Sumpter Plant	Michigan	7972	1	3	3	3	3	3	3	3	3
Sumpter Plant	Michigan	7972	2	3	3	3	3	3	3	3	3
Sumpter Plant	Michigan	7972	3	3	3	3	3	3	3	3	3
Sumpter Plant	Michigan	7972	4	3	3	3	3	3	3	3	3
TES Filer City Station	Michigan	50835	1	105	105	101	101	101	101	101	101
TES Filer City Station	Michigan	50835	2	105	105	101	101	101	101	101	101
Thetford	Michigan	1719	1	2	2	2	2	2	2	2	2
Thetford	Michigan	1719	2	1	1	1	1	1	1	1	1
Thetford	Michigan	1719	3	1	1	1	1	1	1	1	1
Thetford	Michigan	1719	4	1	1	1	1	1	1	1	1
Trenton Channel	Michigan	1745	16	122	122	117	117	117	117	117	117
Trenton Channel	Michigan	1745	17	121	121	116	116	116	116	116	116
Trenton Channel	Michigan	1745	18	116	116	111	111	111	111	111	111
Trenton Channel	Michigan	1745	19	114	114	110	110	110	110	110	110
Trenton Channel	Michigan	1745	9A	949	949	912	912	912	912	912	912
Wyandotte	Michigan	1866	5	0	0	0	0	0	0	0	0
Wyandotte	Michigan	1866	7	98	98	94	94	94	94	94	94
Wyandotte	Michigan	1866	8	67	67	64	64	64	64	64	64
Zeeland Generating Station	Michigan	55087	CC1	16	16	16	16	16	16	16	16
Zeeland Generating Station	Michigan	55087	CC2	18	18	18	18	18	18	18	18
Zeeland Generating Station	Michigan	55087	CC3	24	24	24	24	24	24	24	24
Zeeland Generating Station	Michigan	55087	CC4	23	23	23	23	23	23	23	23
Asbury	Missouri	2076	1	465	465	413	413	413	413	413	413
Audrain Power Plant	Missouri	55234	CT1	1	1	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT2	1	1	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT3	1	1	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT4	1	1	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT5	1	1	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT6	1	1	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT7	1	1	1	1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT8	1	1	1	1	1	1	1	1
Blue Valley	Missouri	2132	3	77	77	68	68	68	68	68	68
Chamois Power Plant	Missouri	2169	2	120	120	106	106	106	106	106	106
Chillicothe	Missouri	2122	GT1A	0	0	0	0	0	0	0	0
Chillicothe	Missouri	2122	GT1B	0	0	0	0	0	0	0	0
Chillicothe	Missouri	2122	GT2A	0	0	0	0	0	0	0	0

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Chillicothe	Missouri	2122	GT2B	0	0	0	0	0	0	0	0
Columbia	Missouri	2123	6	21	21	19	19	19	19	19	19
Columbia	Missouri	2123	7	30	30	27	27	27	27	27	27
Columbia	Missouri	2123	8	0	0	0	0	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT01	1	1	1	1	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT02	1	1	1	1	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT03	1	1	1	1	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT04	0	0	0	0	0	0	0	0
Dogwood Energy Facility	Missouri	55178	CT-1	23	23	23	23	23	23	23	23
Dogwood Energy Facility	Missouri	55178	CT-2	18	18	18	18	18	18	18	18
Empire District Elec Co Energy Ctr	Missouri	6223	1	1	1	1	1	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	2	2	2	2	2	2	2	2
Empire District Elec Co Energy Ctr	Missouri	6223	3A	6	6	6	6	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	3B	6	6	6	6	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4A	6	6	6	6	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4B	6	6	6	6	6	6	6	6
Essex Power Plant	Missouri	7749	1	8	8	8	8	8	8	8	8
Fairgrounds	Missouri	2082	CT01	0	0	0	0	0	0	0	0
Greenwood Energy Center	Missouri	6074	1	3	3	2	2	2	2	2	2
Greenwood Energy Center	Missouri	6074	2	2	2	2	2	2	2	2	2
Greenwood Energy Center	Missouri	6074	3	3	3	3	3	3	3	3	3
Greenwood Energy Center	Missouri	6074	4	4	4	3	3	3	3	3	3
Hawthorn	Missouri	2079	5A	1,082	1,082	1,082	1,082	1,082	1,082	1,082	1,082
Hawthorn	Missouri	2079	6	1	1	1	1	1	1	1	1
Hawthorn	Missouri	2079	7	6	6	6	6	6	6	6	6
Hawthorn	Missouri	2079	8	7	7	7	7	7	7	7	7
Hawthorn	Missouri	2079	9	21	21	21	21	21	21	21	21
Higginsville Municipal Power Plant	Missouri	2131	4A	0	0	0	0	0	0	0	0
Higginsville Municipal Power Plant	Missouri	2131	4B	0	0	0	0	0	0	0	0
Holden Power Plant	Missouri	7848	1	3	3	3	3	3	3	3	3
Holden Power Plant	Missouri	7848	2	4	4	4	4	4	4	4	4
Holden Power Plant	Missouri	7848	3	3	3	3	3	3	3	3	3
Howard Bend	Missouri	2102	CT1A	0	0	0	0	0	0	0	0
Howard Bend	Missouri	2102	CT1B	0	0	0	0	0	0	0	0
Iatan	Missouri	6065	1	1,623	1,623	1,441	1,441	1,441	1,441	1,441	1,441
James River	Missouri	2161	**GT1	7	7	6	6	6	6	6	6
James River	Missouri	2161	**GT2	14	14	12	12	12	12	12	12
James River	Missouri	2161	3	103	103	92	92	92	92	92	92

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James River	Missouri	2161	4	120	120	107	107	107	107	107	107
James River	Missouri	2161	5	219	219	195	195	195	195	195	195
Labadie	Missouri	2103	1	986	986	986	986	986	986	986	986
Labadie	Missouri	2103	2	1,038	1,038	1,038	1,038	1,038	1,038	1,038	1,038
Labadie	Missouri	2103	3	1,121	1,121	1,121	1,121	1,121	1,121	1,121	1,121
Labadie	Missouri	2103	4	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Lake Road	Missouri	2098	6	210	210	186	186	186	186	186	186
Lake Road	Missouri	2098	GT5	1	1	1	1	1	1	1	1
McCartney Generating Station	Missouri	7903	MGS1A	11	11	10	10	10	10	10	10
McCartney Generating Station	Missouri	7903	MGS1B	11	11	9	9	9	9	9	9
McCartney Generating Station	Missouri	7903	MGS2A	10	10	9	9	9	9	9	9
McCartney Generating Station	Missouri	7903	MGS2B	10	10	9	9	9	9	9	9
Meramec	Missouri	2104	1	301	301	267	267	267	267	267	267
Meramec	Missouri	2104	2	295	295	262	262	262	262	262	262
Meramec	Missouri	2104	3	570	570	506	506	506	506	506	506
Meramec	Missouri	2104	4	747	747	663	663	663	663	663	663
Meramec	Missouri	2104	CT01	0	0	0	0	0	0	0	0
Meramec	Missouri	2104	CT2A	0	0	0	0	0	0	0	0
Meramec	Missouri	2104	CT2B	0	0	0	0	0	0	0	0
Mexico	Missouri	6650	CT01	0	0	0	0	0	0	0	0
Moberly	Missouri	6651	CT01	1	1	0	0	0	0	0	0
Montrose	Missouri	2080	1	367	367	326	326	326	326	326	326
Montrose	Missouri	2080	2	349	349	310	310	310	310	310	310
Montrose	Missouri	2080	3	363	363	322	322	322	322	322	322
Moreau	Missouri	6652	CT01	0	0	0	0	0	0	0	0
New Madrid Power Plant	Missouri	2167	1	1,167	1,167	1,037	1,037	1,037	1,037	1,037	1,037
New Madrid Power Plant	Missouri	2167	2	1,174	1,174	1,043	1,043	1,043	1,043	1,043	1,043
Nodaway Power Plant	Missouri	7754	1	5	5	4	4	4	4	4	4
Nodaway Power Plant	Missouri	7754	2	5	5	5	5	5	5	5	5
Northeast Generating Station	Missouri	2081	11	0	0	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	12	0	0	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	13	0	0	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	14	0	0	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	15	0	0	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	16	0	0	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	17	0	0	0	0	0	0	0	0
Northeast Generating Station	Missouri	2081	18	0	0	0	0	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT1A	8	8	8	8	8	8	8	8

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Peno Creek Energy Center	Missouri	7964	CT1B	8	8	8	8	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT2A	8	8	7	7	7	7	7	7
Peno Creek Energy Center	Missouri	7964	CT2B	7	7	7	7	7	7	7	7
Peno Creek Energy Center	Missouri	7964	CT3A	7	7	7	7	7	7	7	7
Peno Creek Energy Center	Missouri	7964	CT3B	8	8	8	8	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT4A	8	8	8	8	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT4B	8	8	8	8	8	8	8	8
Ralph Green Station	Missouri	2092	3	1	1	1	1	1	1	1	1
Rush Island	Missouri	6155	1	885	885	885	885	885	885	885	885
Rush Island	Missouri	6155	2	916	916	916	916	916	916	916	916
Sibley	Missouri	2094	1	107	107	95	95	95	95	95	95
Sibley	Missouri	2094	2	111	111	99	99	99	99	99	99
Sibley	Missouri	2094	3	721	721	641	641	641	641	641	641
Sikeston	Missouri	6768	1	647	647	575	575	575	575	575	575
Sioux	Missouri	2107	1	913	913	811	811	811	811	811	811
Sioux	Missouri	2107	2	815	815	723	723	723	723	723	723
South Harper Peaking Facility	Missouri	56151	1	12	12	12	12	12	12	12	12
South Harper Peaking Facility	Missouri	56151	2	16	16	16	16	16	16	16	16
South Harper Peaking Facility	Missouri	56151	3	20	20	20	20	20	20	20	20
Southwest	Missouri	6195	1	414	414	368	368	368	368	368	368
Southwest	Missouri	6195	CT1A	1	1	1	1	1	1	1	1
Southwest	Missouri	6195	CT1B	1	1	1	1	1	1	1	1
Southwest	Missouri	6195	CT2A	1	1	1	1	1	1	1	1
Southwest	Missouri	6195	CT2B	1	1	1	1	1	1	1	1
St. Francis Power Plant	Missouri	7604	1	19	19	19	19	19	19	19	19
St. Francis Power Plant	Missouri	7604	2	18	18	18	18	18	18	18	18
State Line (MO)	Missouri	7296	1	6	6	5	5	5	5	5	5
State Line (MO)	Missouri	7296	2-1	28	28	28	28	28	28	28	28
State Line (MO)	Missouri	7296	2-2	29	29	29	29	29	29	29	29
Thomas Hill Energy Center	Missouri	2168	MB1	432	432	383	383	383	383	383	383
Thomas Hill Energy Center	Missouri	2168	MB2	658	658	584	584	584	584	584	584
Thomas Hill Energy Center	Missouri	2168	MB3	1,377	1,377	1,223	1,223	1,223	1,223	1,223	1,223
Viaduct	Missouri	2096	CT01	0	0	0	0	0	0	0	0
AES Shady Point	Oklahoma	10671	1A	220	220	220	220	220	220	220	220
AES Shady Point	Oklahoma	10671	1B	207	207	207	207	207	207	207	207
AES Shady Point	Oklahoma	10671	2A	204	204	204	204	204	204	204	204
AES Shady Point	Oklahoma	10671	2B	207	207	207	207	207	207	207	207
Anadarko	Oklahoma	3006	10	7	7	7	7	7	7	7	7

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Anadarko	Oklahoma	3006	11	6	6	6	6	6	6	6	6
Anadarko	Oklahoma	3006	3	4	2	2	2	2	2	2	2
Anadarko	Oklahoma	3006	7	6	6	6	6	6	6	6	6
Anadarko	Oklahoma	3006	8	5	5	5	5	5	5	5	5
Anadarko	Oklahoma	3006	9	7	7	7	7	7	7	7	7
Anadarko Plant	Oklahoma	3006	4	275	150	150	150	150	150	150	150
Anadarko Plant	Oklahoma	3006	5	236	129	129	129	129	129	129	129
Anadarko Plant	Oklahoma	3006	6	226	123	123	123	123	123	123	123
Chouteau Power Plant	Oklahoma	7757	1	40	40	40	40	40	40	40	40
Chouteau Power Plant	Oklahoma	7757	2	38	38	38	38	38	38	38	38
Comanche (8059)	Oklahoma	8059	7251	363	198	198	198	198	198	198	198
Comanche (8059)	Oklahoma	8059	7252	409	223	223	223	223	223	223	223
Grand River Dam Authority	Oklahoma	165	1	2,211	1,207	1,207	1,207	1,207	1,207	1,207	1,207
Grand River Dam Authority	Oklahoma	165	2	2,779	1,517	1,517	1,517	1,517	1,517	1,517	1,517
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	73	73	73	73	73	73	73	73
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	66	66	66	66	66	66	66	66
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	67	67	67	67	67	67	67	67
Horseshoe Lake	Oklahoma	2951	10	10	10	10	10	10	10	10	10
Horseshoe Lake	Oklahoma	2951	6	375	204	204	204	204	204	204	204
Horseshoe Lake	Oklahoma	2951	7	357	301	301	301	301	301	301	301
Horseshoe Lake	Oklahoma	2951	8	513	400	400	400	400	400	400	400
Horseshoe Lake	Oklahoma	2951	9	12	7	7	7	7	7	7	7
Hugo	Oklahoma	6772	1	1,946	1,189	1,189	1,189	1,189	1,189	1,189	1,189
McClain Energy Facility	Oklahoma	55457	CT1	74	74	74	74	74	74	74	74
McClain Energy Facility	Oklahoma	55457	CT2	79	79	79	79	79	79	79	79
Mooreland	Oklahoma	3008	1	9	5	5	5	5	5	5	5
Mooreland	Oklahoma	3008	2	128	102	102	102	102	102	102	102
Mooreland	Oklahoma	3008	3	138	114	114	114	114	114	114	114
Muskogee	Oklahoma	2952	3	196	107	107	107	107	107	107	107
Muskogee	Oklahoma	2952	4	2,220	1,212	1,212	1,212	1,212	1,212	1,212	1,212
Muskogee	Oklahoma	2952	5	2,308	1,259	1,259	1,259	1,259	1,259	1,259	1,259
Muskogee	Oklahoma	2952	6	2,107	1,150	1,150	1,150	1,150	1,150	1,150	1,150
Mustang	Oklahoma	2953	1	40	22	22	22	22	22	22	22
Mustang	Oklahoma	2953	2	38	22	22	22	22	22	22	22
Mustang	Oklahoma	2953	3	215	122	122	122	122	122	122	122
Mustang	Oklahoma	2953	4	498	272	272	272	272	272	272	272
Mustang	Oklahoma	2953	5A	5	3	3	3	3	3	3	3
Mustang	Oklahoma	2953	5B	5	3	3	3	3	3	3	3

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Northeastern	Oklahoma	2963	3301A	101	101	101	101	101	101	101	101
Northeastern	Oklahoma	2963	3301B	89	89	89	89	89	89	89	89
Northeastern	Oklahoma	2963	3302	1,132	618	618	618	618	618	618	618
Northeastern	Oklahoma	2963	3313	2,144	1,170	1,170	1,170	1,170	1,170	1,170	1,170
Northeastern	Oklahoma	2963	3314	2,163	1,181	1,181	1,181	1,181	1,181	1,181	1,181
Oneta Energy Center	Oklahoma	55225	CTG-1	63	63	63	63	63	63	63	63
Oneta Energy Center	Oklahoma	55225	CTG-2	64	64	64	64	64	64	64	64
Oneta Energy Center	Oklahoma	55225	CTG-3	237	237	237	237	237	237	237	237
Oneta Energy Center	Oklahoma	55225	CTG-4	245	245	245	245	245	245	245	245
Ponca	Oklahoma	762	2	1	1	1	1	1	1	1	1
Ponca	Oklahoma	762	3	25	25	25	25	25	25	25	25
Ponca	Oklahoma	762	4	12	12	12	12	12	12	12	12
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	253	138	138	138	138	138	138	138
Redbud Power Plant	Oklahoma	55463	CT-01	33	33	33	33	33	33	33	33
Redbud Power Plant	Oklahoma	55463	CT-02	32	32	32	32	32	32	32	32
Redbud Power Plant	Oklahoma	55463	CT-03	26	26	26	26	26	26	26	26
Redbud Power Plant	Oklahoma	55463	CT-04	29	29	29	29	29	29	29	29
Riverside (4940)	Oklahoma	4940	1501	873	477	477	477	477	477	477	477
Riverside (4940)	Oklahoma	4940	1502	872	476	476	476	476	476	476	476
Riverside (4940)	Oklahoma	4940	1503	29	16	16	16	16	16	16	16
Riverside (4940)	Oklahoma	4940	1504	17	11	11	11	11	11	11	11
Seminole (2956)	Oklahoma	2956	1	660	484	484	484	484	484	484	484
Seminole (2956)	Oklahoma	2956	2	909	499	499	499	499	499	499	499
Seminole (2956)	Oklahoma	2956	3	783	496	496	496	496	496	496	496
Sooner	Oklahoma	6095	1	2,404	1,312	1,312	1,312	1,312	1,312	1,312	1,312
Sooner	Oklahoma	6095	2	2,195	1,198	1,198	1,198	1,198	1,198	1,198	1,198
Southwestern	Oklahoma	2964	8002	37	20	20	20	20	20	20	20
Southwestern	Oklahoma	2964	8003	613	335	335	335	335	335	335	335
Southwestern	Oklahoma	2964	8004	4	4	4	4	4	4	4	4
Southwestern	Oklahoma	2964	8005	4	4	4	4	4	4	4	4
Southwestern	Oklahoma	2964	801N	20	11	11	11	11	11	11	11
Southwestern	Oklahoma	2964	801S	19	11	11	11	11	11	11	11
Spring Creek Power Plant	Oklahoma	55651	CT-01	4	4	4	4	4	4	4	4
Spring Creek Power Plant	Oklahoma	55651	CT-02	14	14	14	14	14	14	14	14
Spring Creek Power Plant	Oklahoma	55651	CT-03	13	13	13	13	13	13	13	13
Spring Creek Power Plant	Oklahoma	55651	CT-04	16	16	16	16	16	16	16	16
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	86	86	86	86	86	86	86	86
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	82	82	82	82	82	82	82	82

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Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	85	85	85	85	85	85	85	85
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	82	82	82	82	82	82	82	82
Tulsa	Oklahoma	2965	1402	165	90	90	90	90	90	90	90
Tulsa	Oklahoma	2965	1403	68	37	37	37	37	37	37	37
Tulsa	Oklahoma	2965	1404	190	104	104	104	104	104	104	104
Weleetka	Oklahoma	2966	4	3	3	3	3	3	3	3	3
Weleetka	Oklahoma	2966	5	3	3	3	3	3	3	3	3
Weleetka	Oklahoma	2966	6	3	3	3	3	3	3	3	3
Alma	Wisconsin	4140	B4	75	75	72	72	72	72	72	72
Alma	Wisconsin	4140	B5	120	120	116	116	116	116	116	116
Bay Front	Wisconsin	3982	1	47	47	45	45	45	45	45	45
Bay Front	Wisconsin	3982	2	46	46	44	44	44	44	44	44
Bay Front	Wisconsin	3982	5	55	55	53	53	53	53	53	53
Blount Street	Wisconsin	3992	3	0	0	0	0	0	0	0	0
Blount Street	Wisconsin	3992	5	1	1	1	1	1	1	1	1
Blount Street	Wisconsin	3992	6	2	2	1	1	1	1	1	1
Blount Street	Wisconsin	3992	7	8	8	8	8	8	8	8	8
Blount Street	Wisconsin	3992	8	33	33	31	31	31	31	31	31
Blount Street	Wisconsin	3992	9	33	33	32	32	32	32	32	32
Columbia	Wisconsin	8023	1	1,170	1,170	1,128	1,128	1,128	1,128	1,128	1,128
Columbia	Wisconsin	8023	2	1,124	1,124	1,084	1,084	1,084	1,084	1,084	1,084
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	3	3	3	3	3	3	3	3
Concord	Wisconsin	7159	**1	20	20	19	19	19	19	19	19
Concord	Wisconsin	7159	**2	21	21	21	21	21	21	21	21
Concord	Wisconsin	7159	**3	10	10	10	10	10	10	10	10
Concord	Wisconsin	7159	**4	10	10	10	10	10	10	10	10
DTE Stoneman, LLC	Wisconsin	4146	B1	7	7	7	7	7	7	7	7
DTE Stoneman, LLC	Wisconsin	4146	B2	12	12	12	12	12	12	12	12
Depere Energy Center	Wisconsin	55029	B01	25	25	24	24	24	24	24	24
Edgewater (4050)	Wisconsin	4050	3	120	120	116	116	116	116	116	116
Edgewater (4050)	Wisconsin	4050	4	582	582	561	561	561	561	561	561
Edgewater (4050)	Wisconsin	4050	5	727	727	701	701	701	701	701	701
Elk Mound Generating Station	Wisconsin	7863	1	2	2	2	2	2	2	2	2
Elk Mound Generating Station	Wisconsin	7863	2	2	2	2	2	2	2	2	2
Elm Road Generating Station	Wisconsin	56068	1	168	168	168	168	168	168	168	168
Fitchburg Generating Station	Wisconsin	3991	1	1	1	1	1	1	1	1	1
Fitchburg Generating Station	Wisconsin	3991	2	1	1	1	1	1	1	1	1
Fox Energy Company LLC	Wisconsin	56031	CTG-1	14	14	14	14	14	14	14	14

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Fox Energy Company LLC	Wisconsin	56031	CTG-2	16	16	16	16	16	16	16	16
French Island	Wisconsin	4005	3	0	0	0	0	0	0	0	0
French Island	Wisconsin	4005	4	1	1	1	1	1	1	1	1
Genoa	Wisconsin	4143	1	576	576	556	556	556	556	556	556
Germantown Power Plant	Wisconsin	6253	**5	11	11	11	11	11	11	11	11
Germantown Power Plant	Wisconsin	6253	P30	0	0	0	0	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P31	0	0	0	0	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P32	0	0	0	0	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P33	0	0	0	0	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P34	1	1	1	1	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P35	1	1	1	1	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P36	1	1	1	1	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P37	1	1	1	1	1	1	1	1
Island Street Peaking Plant	Wisconsin	55836	1A	6	6	6	6	6	6	6	6
Island Street Peaking Plant	Wisconsin	55836	1B	6	6	6	6	6	6	6	6
J P Madgett	Wisconsin	4271	B1	709	709	684	684	684	684	684	684
Manitowoc	Wisconsin	4125	6	16	16	15	15	15	15	15	15
Manitowoc	Wisconsin	4125	7	19	19	18	18	18	18	18	18
Manitowoc	Wisconsin	4125	8	46	46	44	44	44	44	44	44
Manitowoc	Wisconsin	4125	9	114	114	112	112	112	112	112	112
Neenah Energy Facility	Wisconsin	55135	CT01	17	17	16	16	16	16	16	16
Neenah Energy Facility	Wisconsin	55135	CT02	19	19	18	18	18	18	18	18
Nelson Dewey	Wisconsin	4054	1	198	198	191	191	191	191	191	191
Nelson Dewey	Wisconsin	4054	2	232	232	224	224	224	224	224	224
Paris	Wisconsin	7270	**1	7	7	7	7	7	7	7	7
Paris	Wisconsin	7270	**2	8	8	8	8	8	8	8	8
Paris	Wisconsin	7270	**3	11	11	10	10	10	10	10	10
Paris	Wisconsin	7270	**4	12	12	11	11	11	11	11	11
Pleasant Prairie	Wisconsin	6170	1	1,372	1,372	1,324	1,324	1,324	1,324	1,324	1,324
Pleasant Prairie	Wisconsin	6170	2	1,307	1,307	1,260	1,260	1,260	1,260	1,260	1,260
Port Washington Generating Station	Wisconsin	4040	11	18	18	18	18	18	18	18	18
Port Washington Generating Station	Wisconsin	4040	12	15	15	15	15	15	15	15	15
Port Washington Generating Station	Wisconsin	4040	21	23	23	23	23	23	23	23	23
Port Washington Generating Station	Wisconsin	4040	22	22	22	22	22	22	22	22	22
Pulliam	Wisconsin	4072	32	14	14	14	14	14	14	14	14
Pulliam	Wisconsin	4072	5	102	102	99	99	99	99	99	99
Pulliam	Wisconsin	4072	6	142	142	137	137	137	137	137	137
Pulliam	Wisconsin	4072	7	167	167	161	161	161	161	161	161

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)	NOx OS Allocation 2018 (tons)	NOx OS Allocation 2019 (tons)
Pulliam	Wisconsin	4072	8	254	254	245	245	245	245	245	245
Riverside Energy Center	Wisconsin	55641	CT-01	16	16	16	16	16	16	16	16
Riverside Energy Center	Wisconsin	55641	CT-02	28	28	28	28	28	28	28	28
Rock River	Wisconsin	4057	1	6	6	6	6	6	6	6	6
Rock River	Wisconsin	4057	2	11	11	10	10	10	10	10	10
Rock River	Wisconsin	4057	CT3	0	0	0	0	0	0	0	0
Rock River	Wisconsin	4057	CT5A	1	1	1	1	1	1	1	1
Rock River	Wisconsin	4057	CT5B	1	1	1	1	1	1	1	1
Rock River	Wisconsin	4057	CT6A	1	1	1	1	1	1	1	1
Rock River	Wisconsin	4057	CT6B	1	1	1	1	1	1	1	1
Rockgen Energy Center	Wisconsin	55391	CT-1	13	13	13	13	13	13	13	13
Rockgen Energy Center	Wisconsin	55391	CT-2	13	13	13	13	13	13	13	13
Rockgen Energy Center	Wisconsin	55391	CT-3	14	14	14	14	14	14	14	14
Sheboygan Falls Energy Facility	Wisconsin	56166	1	8	8	8	8	8	8	8	8
Sheboygan Falls Energy Facility	Wisconsin	56166	2	8	8	7	7	7	7	7	7
Sheepskin	Wisconsin	4059	CT1A	1	1	1	1	1	1	1	1
Sheepskin	Wisconsin	4059	CT1B	1	1	1	1	1	1	1	1
South Fond Du Lac	Wisconsin	7203	**CT1	7	7	7	7	7	7	7	7
South Fond Du Lac	Wisconsin	7203	**CT2	9	9	9	9	9	9	9	9
South Fond Du Lac	Wisconsin	7203	**CT3	8	8	8	8	8	8	8	8
South Fond Du Lac	Wisconsin	7203	**CT4	7	7	7	7	7	7	7	7
South Oak Creek	Wisconsin	4041	5	428	428	413	413	413	413	413	413
South Oak Creek	Wisconsin	4041	6	420	420	405	405	405	405	405	405
South Oak Creek	Wisconsin	4041	7	494	494	477	477	477	477	477	477
South Oak Creek	Wisconsin	4041	8	481	481	464	464	464	464	464	464
Valley (WEPCO)	Wisconsin	4042	1	109	109	105	105	105	105	105	105
Valley (WEPCO)	Wisconsin	4042	2	111	111	107	107	107	107	107	107
Valley (WEPCO)	Wisconsin	4042	3	116	116	112	112	112	112	112	112
Valley (WEPCO)	Wisconsin	4042	4	115	115	111	111	111	111	111	111
West Marinette	Wisconsin	4076	**33	24	24	23	23	23	23	23	23
West Marinette	Wisconsin	4076	**34	13	13	13	13	13	13	13	13
West Marinette	Wisconsin	4076	31A	1	1	1	1	1	1	1	1
West Marinette	Wisconsin	4076	31B	1	1	1	1	1	1	1	1
West Marinette	Wisconsin	4076	32A	2	2	2	2	2	2	2	2
West Marinette	Wisconsin	4076	32B	2	2	2	2	2	2	2	2
Weston	Wisconsin	4078	1	110	110	106	106	106	106	106	106
Weston	Wisconsin	4078	2	186	186	179	179	179	179	179	179
Weston	Wisconsin	4078	3	742	742	716	716	716	716	716	716

Plant Name	State	ORIS ID	Boiler ID	NOx OS Allocation 2012 (tons)	NOx OS Allocation 2013 (tons)	NOx OS Allocation 2014 (tons)	NOx OS Allocation 2015 (tons)	NOx OS Allocation 2016 (tons)	NOx OS Allocation 2017 (tons)	NOx OS Allocation 2018 (tons)	NOx OS Allocation 2019 (tons)
Weston	Wisconsin	4078	32A	0	0	0	0	0	0	0	0
Weston	Wisconsin	4078	32B	0	0	0	0	0	0	0	0
Weston	Wisconsin	4078	4	442	442	442	442	442	442	442	442
Wheaton Generating Plant	Wisconsin	4014	1	3	3	3	3	3	3	3	3
Wheaton Generating Plant	Wisconsin	4014	2	2	2	2	2	2	2	2	2
Wheaton Generating Plant	Wisconsin	4014	3	5	5	5	5	5	5	5	5
Wheaton Generating Plant	Wisconsin	4014	4	4	4	4	4	4	4	4	4
Wheaton Generating Plant	Wisconsin	4014	5	0	0	0	0	0	0	0	0
Wheaton Generating Plant	Wisconsin	4014	6	0	0	0	0	0	0	0	0
Whitewater Cogeneration Facility	Wisconsin	55011	01	29	29	29	29	29	29	29	29

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Ames	Iowa	1122	7	767	802,061	1,165	1,084,992	784,147	604,890
Ames	Iowa	1122	8	768	2,161,383	2,456,381	1,396,204	1,091,077	1,612,132
Burlington (IA)	Iowa	1104	1	764	6,052,146	6,725,082	6,660,742	5,218,354	3,624,349
Centerville	Iowa	1105	1	89988			2,825	732	32,224
Centerville	Iowa	1105	2	89989			4,939	261	7,629
Dayton Avenue Substation	Iowa	6463	GT2	89535	12,661	1,555	24,045	4,889	3,351
Dubuque	Iowa	1046	1	733	986,802	939,622	652,255	469,810	569,154
Dubuque	Iowa	1046	5	734	811,794	856,696	780,429	273,062	400,359
Dubuque	Iowa	1046	6	735	132,422	135,878	69,385	29,034	14,192
Earl F Wisdom	Iowa	1217	1	806	390,295	564,501	531,631	13,250	216,989
Earl F Wisdom	Iowa	1217	2	89384	167,484	57,129	32,089	15,182	14,689
Electrifarm	Iowa	6063	1	90086			11,454	49,391	262,252
Electrifarm	Iowa	6063	2	90087			88,571	41,032	204,995
Electrifarm	Iowa	6063	3	90088			165,220	117,803	322,599
Emery Station	Iowa	8031	11	88332	2,605,913	1,901,379	1,516,427	1,020,203	1,368,953
Emery Station	Iowa	8031	12	88333	2,043,810	2,042,653	1,066,342	822,393	1,326,727
Exira Station	Iowa	56013	U-1	89307	141,022	96,844	26,221	7,016	9,863
Exira Station	Iowa	56013	U-2	89308	154,022	175,456	31,821	7,672	5,970
Exira Station	Iowa	56013	U-3	89719		123,289	25,761	7,656	12,772
Fair Station	Iowa	1218	2	807	1,321,119	1,197,276	1,046,174	728,289	1,044,081
George Neal North	Iowa	1091	1	760	4,206,010	4,612,278	4,746,021	4,336,291	5,184,452
George Neal North	Iowa	1091	2	761	7,977,114	7,379,816	8,149,734	7,760,794	8,658,208
George Neal North	Iowa	1091	3	762	17,301,137	16,515,395	14,590,728	14,860,424	16,514,475
George Neal South	Iowa	7343	4	3101	18,916,996	19,553,623	19,848,516	19,621,871	21,788,934
Greater Des Moines Energy Center	Iowa	7985	1	9886	1,997,906	1,969,882	1,432,742	1,030,052	1,645,723
Greater Des Moines Energy Center	Iowa	7985	2	9887	1,727,932	1,928,187	1,392,355	853,422	1,583,901
Grinnell	Iowa	7137	1	89987			4,914	2,646	19,278
Grinnell	Iowa	7137	2	2944			4,158	2,646	18,522

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Ames	Iowa	1122	7	890,400	199,849,234	0.004455	16,201	15,883	72
Ames	Iowa	1122	8	2,076,632	199,849,234	0.010391	16,201	15,883	168
Burlington (IA)	Iowa	1104	1	6,479,323	199,849,234	0.032421	16,201	15,883	525
Centerville	Iowa	1105	1	11,927	199,849,234	0.000060	16,201	15,883	1
Centerville	Iowa	1105	2	4,276	199,849,234	0.000021	16,201	15,883	0
Dayton Avenue Substation	Iowa	6463	GT2	13,865	199,849,234	0.000069	16,201	15,883	1
Dubuque	Iowa	1046	1	859,560	199,849,234	0.004301	16,201	15,883	70
Dubuque	Iowa	1046	5	816,306	199,849,234	0.004085	16,201	15,883	66
Dubuque	Iowa	1046	6	112,562	199,849,234	0.000563	16,201	15,883	9
Earl F Wisdom	Iowa	1217	1	495,476	199,849,234	0.002479	16,201	15,883	40
Earl F Wisdom	Iowa	1217	2	85,567	199,849,234	0.000428	16,201	15,883	7
Electrifarm	Iowa	6063	1	107,699	199,849,234	0.000539	16,201	15,883	9
Electrifarm	Iowa	6063	2	111,532	199,849,234	0.000558	16,201	15,883	9
Electrifarm	Iowa	6063	3	201,874	199,849,234	0.001010	16,201	15,883	16
Emery Station	Iowa	8031	11	2,007,906	199,849,234	0.010047	16,201	15,883	163
Emery Station	Iowa	8031	12	1,804,397	199,849,234	0.009029	16,201	15,883	146
Exira Station	Iowa	56013	U-1	88,029	199,849,234	0.000440	16,201	15,883	7
Exira Station	Iowa	56013	U-2	120,433	199,849,234	0.000603	16,201	15,883	10
Exira Station	Iowa	56013	U-3	53,941	199,849,234	0.000270	16,201	15,883	4
Fair Station	Iowa	1218	2	1,188,190	199,849,234	0.005945	16,201	15,883	96
George Neal North	Iowa	1091	1	4,847,584	199,849,234	0.024256	16,201	15,883	393
George Neal North	Iowa	1091	2	8,261,685	199,849,234	0.041340	16,201	15,883	670
George Neal North	Iowa	1091	3	16,777,003	199,849,234	0.083948	16,201	15,883	1,360
George Neal South	Iowa	7343	4	20,419,774	199,849,234	0.102176	16,201	15,883	1,655
Greater Des Moines Energy Center	Iowa	7985	1	1,871,170	199,849,234	0.009363	16,201	15,883	152
Greater Des Moines Energy Center	Iowa	7985	2	1,746,673	199,849,234	0.008740	16,201	15,883	142
Grinnell	Iowa	7137	1	8,946	199,849,234	0.000045	16,201	15,883	1
Grinnell	Iowa	7137	2	8,442	199,849,234	0.000042	16,201	15,883	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Ames	Iowa	1122	7	71	116	85	261	147	0
Ames	Iowa	1122	8	165	444	367	432	428	464
Burlington (IA)	Iowa	1104	1	515	500	577	504	475	470
Centerville	Iowa	1105	1	1					
Centerville	Iowa	1105	2	0					
Dayton Avenue Substation	Iowa	6463	GT2	1			13	2	0
Dubuque	Iowa	1046	1	68	325	335	407	299	317
Dubuque	Iowa	1046	5	65	341	330	328	287	314
Dubuque	Iowa	1046	6	9	71	77	86	83	82
Earl F Wisdom	Iowa	1217	1	39	93	144	294	148	204
Earl F Wisdom	Iowa	1217	2	7		1	1	2	1
Electrifarm	Iowa	6063	1	9					
Electrifarm	Iowa	6063	2	9					
Electrifarm	Iowa	6063	3	16					
Emery Station	Iowa	8031	11	160		13	20	18	13
Emery Station	Iowa	8031	12	143		13	17	14	15
Exira Station	Iowa	56013	U-1	7		2	4	6	4
Exira Station	Iowa	56013	U-2	10		7	4	7	8
Exira Station	Iowa	56013	U-3	4					5
Fair Station	Iowa	1218	2	94	240	241	279	293	251
George Neal North	Iowa	1091	1	385	2,104	1,845	2,136	1,258	1,094
George Neal North	Iowa	1091	2	657	1,554	1,639	1,639	1,310	1,186
George Neal North	Iowa	1091	3	1,333	3,418	3,635	1,856	1,906	1,960
George Neal South	Iowa	7343	4	1,623	3,509	3,131	3,410	1,895	1,957
Greater Des Moines Energy Center	Iowa	7985	1	149	5	5	7	7	9
Greater Des Moines Energy Center	Iowa	7985	2	139	8	8	6	7	8
Grinnell	Iowa	7137	1	1					
Grinnell	Iowa	7137	2	1					

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
Ames	Iowa	1122	7	174	141	113	261		
Ames	Iowa	1122	8	286	225	333	464		
Burlington (IA)	Iowa	1104	1	502	519	282	577		
Centerville	Iowa	1105	1	1	0	11	11		
Centerville	Iowa	1105	2	2	0	3	3		
Dayton Avenue Substation	Iowa	6463	GT2	5	1	0	13		
Dubuque	Iowa	1046	1	217	134	182	407		
Dubuque	Iowa	1046	5	315	105	158	341		
Dubuque	Iowa	1046	6	46	14	1	86		
Earl F Wisdom	Iowa	1217	1	195	4	87	294		
Earl F Wisdom	Iowa	1217	2	0	0	0	2		
Electrifarm	Iowa	6063	1	2	8	42	42		
Electrifarm	Iowa	6063	2	8	4	19	19		
Electrifarm	Iowa	6063	3	17	12	33	33		
Emery Station	Iowa	8031	11	13	10	10	20		
Emery Station	Iowa	8031	12	8	8	10	17		
Exira Station	Iowa	56013	U-1	1	0	1	6		
Exira Station	Iowa	56013	U-2	1	0	0	8		
Exira Station	Iowa	56013	U-3	1	0	1	5		
Fair Station	Iowa	1218	2	212	127	260	293		
George Neal North	Iowa	1091	1	1,098	920	1,243	2,136		
George Neal North	Iowa	1091	2	948	822	1,065	1,639		
George Neal North	Iowa	1091	3	1,591	1,574	1,896	3,635		
George Neal South	Iowa	7343	4	2,134	1,935	2,422	3,509		
Greater Des Moines Energy Center	Iowa	7985	1	5	5	5	9		
Greater Des Moines Energy Center	Iowa	7985	2	5	4	5	8		
Grinnell	Iowa	7137	1	1	1	4	4		
Grinnell	Iowa	7137	2	1	1	4	4		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Ames	Iowa	1122	7						
Ames	Iowa	1122	8						
Burlington (IA)	Iowa	1104	1						
Centerville	Iowa	1105	1						
Centerville	Iowa	1105	2						
Dayton Avenue Substation	Iowa	6463	GT2						
Dubuque	Iowa	1046	1						
Dubuque	Iowa	1046	5						
Dubuque	Iowa	1046	6						
Earl F Wisdom	Iowa	1217	1						
Earl F Wisdom	Iowa	1217	2						
Electrifarm	Iowa	6063	1						
Electrifarm	Iowa	6063	2						
Electrifarm	Iowa	6063	3						
Emery Station	Iowa	8031	11						
Emery Station	Iowa	8031	12						
Exira Station	Iowa	56013	U-1						
Exira Station	Iowa	56013	U-2						
Exira Station	Iowa	56013	U-3						
Fair Station	Iowa	1218	2						
George Neal North	Iowa	1091	1						
George Neal North	Iowa	1091	2						
George Neal North	Iowa	1091	3						
George Neal South	Iowa	7343	4						
Greater Des Moines Energy Center	Iowa	7985	1						
Greater Des Moines Energy Center	Iowa	7985	2						
Grinnell	Iowa	7137	1						
Grinnell	Iowa	7137	2						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)
Calculation				(Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	(Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	(Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	(Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Ames	Iowa	1122	7	81	81	79	79
Ames	Iowa	1122	8	189	189	185	185
Burlington (IA)	Iowa	1104	1	577	577	577	577
Centerville	Iowa	1105	1	1	1	1	1
Centerville	Iowa	1105	2	0	0	0	0
Dayton Avenue Substation	Iowa	6463	GT2	1	1	1	1
Dubuque	Iowa	1046	1	78	78	77	77
Dubuque	Iowa	1046	5	74	74	73	73
Dubuque	Iowa	1046	6	10	10	10	10
Earl F Wisdom	Iowa	1217	1	45	45	44	44
Earl F Wisdom	Iowa	1217	2	2	2	2	2
Electrifarm	Iowa	6063	1	10	10	10	10
Electrifarm	Iowa	6063	2	10	10	10	10
Electrifarm	Iowa	6063	3	18	18	18	18
Emery Station	Iowa	8031	11	20	20	20	20
Emery Station	Iowa	8031	12	17	17	17	17
Exira Station	Iowa	56013	U-1	6	6	6	6
Exira Station	Iowa	56013	U-2	8	8	8	8
Exira Station	Iowa	56013	U-3	5	5	5	5
Fair Station	Iowa	1218	2	108	108	106	106
George Neal North	Iowa	1091	1	441	441	432	432
George Neal North	Iowa	1091	2	752	752	736	736
George Neal North	Iowa	1091	3	1,526	1,526	1,494	1,494
George Neal South	Iowa	7343	4	1,858	1,858	1,818	1,818
Greater Des Moines Energy Center	Iowa	7985	1	9	9	9	9
Greater Des Moines Energy Center	Iowa	7985	2	8	8	8	8
Grinnell	Iowa	7137	1	1	1	1	1
Grinnell	Iowa	7137	2	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Ames	Iowa	1122	7	79	79	79	79	Y
Ames	Iowa	1122	8	185	185	185	185	Y
Burlington (IA)	Iowa	1104	1	577	577	577	577	Y
Centerville	Iowa	1105	1	1	1	1	1	Y
Centerville	Iowa	1105	2	0	0	0	0	Y
Dayton Avenue Substation	Iowa	6463	GT2	1	1	1	1	Y
Dubuque	Iowa	1046	1	77	77	77	77	Y
Dubuque	Iowa	1046	5	73	73	73	73	Y
Dubuque	Iowa	1046	6	10	10	10	10	Y
Earl F Wisdom	Iowa	1217	1	44	44	44	44	Y
Earl F Wisdom	Iowa	1217	2	2	2	2	2	Y
Electrifarm	Iowa	6063	1	10	10	10	10	Y
Electrifarm	Iowa	6063	2	10	10	10	10	Y
Electrifarm	Iowa	6063	3	18	18	18	18	Y
Emery Station	Iowa	8031	11	20	20	20	20	Y
Emery Station	Iowa	8031	12	17	17	17	17	Y
Exira Station	Iowa	56013	U-1	6	6	6	6	Y
Exira Station	Iowa	56013	U-2	8	8	8	8	Y
Exira Station	Iowa	56013	U-3	5	5	5	5	Y
Fair Station	Iowa	1218	2	106	106	106	106	Y
George Neal North	Iowa	1091	1	432	432	432	432	Y
George Neal North	Iowa	1091	2	736	736	736	736	Y
George Neal North	Iowa	1091	3	1,494	1,494	1,494	1,494	Y
George Neal South	Iowa	7343	4	1,818	1,818	1,818	1,818	Y
Greater Des Moines Energy Center	Iowa	7985	1	9	9	9	9	Y
Greater Des Moines Energy Center	Iowa	7985	2	8	8	8	8	Y
Grinnell	Iowa	7137	1	1	1	1	1	Y
Grinnell	Iowa	7137	2	1	1	1	1	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Ames	Iowa	1122	7	Y		Y		
Ames	Iowa	1122	8	Y		Y		
Burlington (IA)	Iowa	1104	1	Y		Y		
Centerville	Iowa	1105	1	Y		Y		
Centerville	Iowa	1105	2	Y		Y		
Dayton Avenue Substation	Iowa	6463	GT2	Y		Y		
Dubuque	Iowa	1046	1	Y		Y		
Dubuque	Iowa	1046	5	Y		Y		
Dubuque	Iowa	1046	6	Y		Y		
Earl F Wisdom	Iowa	1217	1	Y		Y		
Earl F Wisdom	Iowa	1217	2	Y		Y		
Electrifarm	Iowa	6063	1	Y		Y		
Electrifarm	Iowa	6063	2	Y		Y		
Electrifarm	Iowa	6063	3	Y		Y		
Emery Station	Iowa	8031	11	Y		Y		
Emery Station	Iowa	8031	12	Y		Y		
Exira Station	Iowa	56013	U-1	Y		Y		
Exira Station	Iowa	56013	U-2	Y		Y		
Exira Station	Iowa	56013	U-3	Y		Y		
Fair Station	Iowa	1218	2	Y		Y		
George Neal North	Iowa	1091	1	Y		Y		
George Neal North	Iowa	1091	2	Y		Y		
George Neal North	Iowa	1091	3	Y		Y		
George Neal South	Iowa	7343	4	Y		Y		
Greater Des Moines Energy Center	Iowa	7985	1	Y		Y		
Greater Des Moines Energy Center	Iowa	7985	2	Y		Y		
Grinnell	Iowa	7137	1	Y		Y		
Grinnell	Iowa	7137	2	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Lansing	Iowa	1047	1	736	18,584				
Lansing	Iowa	1047	2	737	17,747				
Lansing	Iowa	1047	3	738	881,304	887,075	925,696		
Lansing	Iowa	1047	4	739	7,154,413	6,696,612	7,448,364	5,531,058	4,925,262
Lime Creek	Iowa	7155	**1	2969	99,767	97,679	17,208	8,636	908
Lime Creek	Iowa	7155	**2	2970	93,211	103,128	19,835	2,709	778
Louisa	Iowa	6664	101	2901	19,989,674	19,671,724	19,200,663	19,803,377	22,622,078
Marshalltown CTs	Iowa	1068	1A	89836			32,458	13,300	13,383
Marshalltown CTs	Iowa	1068	1B	89841			34,087	13,805	13,841
Marshalltown CTs	Iowa	1068	2A	89842			8,757	14,864	8,025
Marshalltown CTs	Iowa	1068	2B	89843			8,604	14,240	8,560
Marshalltown CTs	Iowa	1068	3A	89844			11,855	9,490	21,258
Marshalltown CTs	Iowa	1068	3B	89845			9,920	9,655	21,136
Milton L Kapp	Iowa	1048	2	740	5,284,454	4,985,900	3,826,289	4,601,984	4,882,262
Muscatine	Iowa	1167	8	787	2,535,716	2,685,873	2,525,908	1,908,792	2,349,646
Muscatine	Iowa	1167	9	788	5,910,325	5,833,273	5,376,056	4,790,045	4,726,542
Ottumwa	Iowa	6254	1	2874	16,466,417	16,168,172	20,342,823	19,781,585	20,631,625
Pella	Iowa	1175	6	794	237,353	158,298	207,837	153,774	162,655
Pella	Iowa	1175	7	795	287,046	375,717	323,073	237,086	251,381
Pella	Iowa	1175	8	796		102,162	2,895	61,762	927
Pleasant Hill Energy Center	Iowa	7145	1	90077			11,388	5,988	93,752
Pleasant Hill Energy Center	Iowa	7145	2	90078			10,124	5,972	98,228
Pleasant Hill Energy Center	Iowa	7145	3	2954	167,438	142,164	51,784	39,481	204,131
Prairie Creek	Iowa	1073	3	746	1,664,332	1,691,587	342,680	249,676	1,412,491
Prairie Creek	Iowa	1073	4	747	3,817,383	4,283,374	1,229,399	188,906	3,324,871
Riverside (1081)	Iowa	1081	9	753	3,060,998	3,186,022	2,885,304	2,831,544	3,804,176
Sixth Street	Iowa	1058	2	742	309,841	277,253	123,033		
Sixth Street	Iowa	1058	3	743	634,588	82,997	114,258		

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Lansing	Iowa	1047	1	18,584	199,849,234	0.000093	16,201	15,883	2
Lansing	Iowa	1047	2	17,747	199,849,234	0.000089	16,201	15,883	1
Lansing	Iowa	1047	3	898,025	199,849,234	0.004494	16,201	15,883	73
Lansing	Iowa	1047	4	7,099,796	199,849,234	0.035526	16,201	15,883	576
Lime Creek	Iowa	7155	**1	71,551	199,849,234	0.000358	16,201	15,883	6
Lime Creek	Iowa	7155	**2	72,058	199,849,234	0.000361	16,201	15,883	6
Louisa	Iowa	6664	101	20,805,043	199,849,234	0.104104	16,201	15,883	1,687
Marshalltown CTs	Iowa	1068	1A	19,714	199,849,234	0.000099	16,201	15,883	2
Marshalltown CTs	Iowa	1068	1B	20,577	199,849,234	0.000103	16,201	15,883	2
Marshalltown CTs	Iowa	1068	2A	10,548	199,849,234	0.000053	16,201	15,883	1
Marshalltown CTs	Iowa	1068	2B	10,468	199,849,234	0.000052	16,201	15,883	1
Marshalltown CTs	Iowa	1068	3A	14,201	199,849,234	0.000071	16,201	15,883	1
Marshalltown CTs	Iowa	1068	3B	13,570	199,849,234	0.000068	16,201	15,883	1
Milton L Kapp	Iowa	1048	2	5,050,872	199,849,234	0.025273	16,201	15,883	409
Muscatine	Iowa	1167	8	2,582,499	199,849,234	0.012922	16,201	15,883	209
Muscatine	Iowa	1167	9	5,706,551	199,849,234	0.028554	16,201	15,883	463
Ottumwa	Iowa	6254	1	20,252,011	199,849,234	0.101336	16,201	15,883	1,642
Pella	Iowa	1175	6	202,615	199,849,234	0.001014	16,201	15,883	16
Pella	Iowa	1175	7	328,612	199,849,234	0.001644	16,201	15,883	27
Pella	Iowa	1175	8	55,606	199,849,234	0.000278	16,201	15,883	5
Pleasant Hill Energy Center	Iowa	7145	1	37,043	199,849,234	0.000185	16,201	15,883	3
Pleasant Hill Energy Center	Iowa	7145	2	38,108	199,849,234	0.000191	16,201	15,883	3
Pleasant Hill Energy Center	Iowa	7145	3	171,244	199,849,234	0.000857	16,201	15,883	14
Prairie Creek	Iowa	1073	3	1,589,470	199,849,234	0.007953	16,201	15,883	129
Prairie Creek	Iowa	1073	4	3,808,542	199,849,234	0.019057	16,201	15,883	309
Riverside (1081)	Iowa	1081	9	3,350,399	199,849,234	0.016765	16,201	15,883	272
Sixth Street	Iowa	1058	2	236,709	199,849,234	0.001184	16,201	15,883	19
Sixth Street	Iowa	1058	3	277,281	199,849,234	0.001387	16,201	15,883	22

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Lansing	Iowa	1047	1	1	12	13		5	
Lansing	Iowa	1047	2	1	12	36		6	
Lansing	Iowa	1047	3	71	361	291	290	320	272
Lansing	Iowa	1047	4	564	1,088	1,284	1,654	1,620	1,536
Lime Creek	Iowa	7155	**1	6	7	3	20	15	13
Lime Creek	Iowa	7155	**2	6	6	2	16	14	15
Louisa	Iowa	6664	101	1,653	2,585	2,982	1,940	1,882	1,738
Marshalltown CTs	Iowa	1068	1A	2					
Marshalltown CTs	Iowa	1068	1B	2					
Marshalltown CTs	Iowa	1068	2A	1					
Marshalltown CTs	Iowa	1068	2B	1					
Marshalltown CTs	Iowa	1068	3A	1					
Marshalltown CTs	Iowa	1068	3B	1					
Milton L Kapp	Iowa	1048	2	401	483	440	455	323	295
Muscatine	Iowa	1167	8	205	959	1,059	1,119	1,108	1,246
Muscatine	Iowa	1167	9	454	776	852	822	680	599
Ottumwa	Iowa	6254	1	1,610	3,166	2,857	3,183	2,519	1,055
Pella	Iowa	1175	6	16	65	64	70	46	29
Pella	Iowa	1175	7	26	83	84	75	56	59
Pella	Iowa	1175	8	4	0		0		7
Pleasant Hill Energy Center	Iowa	7145	1	3					
Pleasant Hill Energy Center	Iowa	7145	2	3					
Pleasant Hill Energy Center	Iowa	7145	3	14	3	3	5	6	7
Prairie Creek	Iowa	1073	3	126	440	444	508	467	437
Prairie Creek	Iowa	1073	4	303	957	695	834	734	778
Riverside (1081)	Iowa	1081	9	266	475	359	382	331	373
Sixth Street	Iowa	1058	2	19	87	128	114	70	44
Sixth Street	Iowa	1058	3	22	137	172	79	73	8

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns R - Y		
Lansing	Iowa	1047	1				13		
Lansing	Iowa	1047	2				36		
Lansing	Iowa	1047	3	279			361		
Lansing	Iowa	1047	4	1,755	1,143	398	1,755		
Lime Creek	Iowa	7155	**1	2	1	0	20		
Lime Creek	Iowa	7155	**2	3	0	0	16		
Louisa	Iowa	6664	101	1,769	1,750	2,082	2,982		
Marshalltown CTs	Iowa	1068	1A	9	4	4	9		
Marshalltown CTs	Iowa	1068	1B	10	4	4	10		
Marshalltown CTs	Iowa	1068	2A	2	5	3	5		
Marshalltown CTs	Iowa	1068	2B	2	4	3	4		
Marshalltown CTs	Iowa	1068	3A	3	2	5	5		
Marshalltown CTs	Iowa	1068	3B	3	3	5	5		
Milton L Kapp	Iowa	1048	2	248	247	273	483		
Muscatine	Iowa	1167	8	948	745	885	1,246		
Muscatine	Iowa	1167	9	395	290	299	852		
Ottumwa	Iowa	6254	1	1,402	1,723	1,500	3,183		
Pella	Iowa	1175	6	43	34	34	70		
Pella	Iowa	1175	7	66	52	52	84		
Pella	Iowa	1175	8	0	4	0	7		
Pleasant Hill Energy Center	Iowa	7145	1	1	0	7	7		
Pleasant Hill Energy Center	Iowa	7145	2	1	0	8	8		
Pleasant Hill Energy Center	Iowa	7145	3	3	2	10	10		
Prairie Creek	Iowa	1073	3	94	75	215	508		
Prairie Creek	Iowa	1073	4	261	13	667	957		
Riverside (1081)	Iowa	1081	9	370	301	390	475		
Sixth Street	Iowa	1058	2	20			128		
Sixth Street	Iowa	1058	3	11			172		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Lansing	Iowa	1047	1						
Lansing	Iowa	1047	2						
Lansing	Iowa	1047	3						
Lansing	Iowa	1047	4						
Lime Creek	Iowa	7155	**1						
Lime Creek	Iowa	7155	**2						
Louisa	Iowa	6664	101						
Marshalltown CTs	Iowa	1068	1A						
Marshalltown CTs	Iowa	1068	1B						
Marshalltown CTs	Iowa	1068	2A						
Marshalltown CTs	Iowa	1068	2B						
Marshalltown CTs	Iowa	1068	3A						
Marshalltown CTs	Iowa	1068	3B						
Milton L Kapp	Iowa	1048	2						
Muscatine	Iowa	1167	8						
Muscatine	Iowa	1167	9						
Ottumwa	Iowa	6254	1						
Pella	Iowa	1175	6						
Pella	Iowa	1175	7						
Pella	Iowa	1175	8						
Pleasant Hill Energy Center	Iowa	7145	1						
Pleasant Hill Energy Center	Iowa	7145	2						
Pleasant Hill Energy Center	Iowa	7145	3						
Prairie Creek	Iowa	1073	3						
Prairie Creek	Iowa	1073	4						
Riverside (1081)	Iowa	1081	9						
Sixth Street	Iowa	1058	2						
Sixth Street	Iowa	1058	3						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
Lansing	Iowa	1047	1	2	2	2	2
Lansing	Iowa	1047	2	2	2	2	2
Lansing	Iowa	1047	3	82	82	80	80
Lansing	Iowa	1047	4	646	646	632	632
Lime Creek	Iowa	7155	**1	7	7	6	6
Lime Creek	Iowa	7155	**2	7	7	6	6
Louisa	Iowa	6664	101	1,893	1,893	1,852	1,852
Marshalltown CTs	Iowa	1068	1A	2	2	2	2
Marshalltown CTs	Iowa	1068	1B	2	2	2	2
Marshalltown CTs	Iowa	1068	2A	1	1	1	1
Marshalltown CTs	Iowa	1068	2B	1	1	1	1
Marshalltown CTs	Iowa	1068	3A	1	1	1	1
Marshalltown CTs	Iowa	1068	3B	1	1	1	1
Milton L Kapp	Iowa	1048	2	459	459	450	450
Muscatine	Iowa	1167	8	235	235	230	230
Muscatine	Iowa	1167	9	519	519	508	508
Ottumwa	Iowa	6254	1	1,842	1,842	1,803	1,803
Pella	Iowa	1175	6	18	18	18	18
Pella	Iowa	1175	7	30	30	29	29
Pella	Iowa	1175	8	5	5	5	5
Pleasant Hill Energy Center	Iowa	7145	1	3	3	3	3
Pleasant Hill Energy Center	Iowa	7145	2	3	3	3	3
Pleasant Hill Energy Center	Iowa	7145	3	10	10	10	10
Prairie Creek	Iowa	1073	3	145	145	142	142
Prairie Creek	Iowa	1073	4	346	346	339	339
Riverside (1081)	Iowa	1081	9	305	305	298	298
Sixth Street	Iowa	1058	2	22	22	21	21
Sixth Street	Iowa	1058	3	25	25	25	25

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
Lansing	Iowa	1047	1	2	2	2	2	Y
Lansing	Iowa	1047	2	2	2	2	2	Y
Lansing	Iowa	1047	3	80	80	80	80	Y
Lansing	Iowa	1047	4	632	632	632	632	Y
Lime Creek	Iowa	7155	**1	6	6	6	6	Y
Lime Creek	Iowa	7155	**2	6	6	6	6	Y
Louisa	Iowa	6664	101	1,852	1,852	1,852	1,852	Y
Marshalltown CTs	Iowa	1068	1A	2	2	2	2	Y
Marshalltown CTs	Iowa	1068	1B	2	2	2	2	Y
Marshalltown CTs	Iowa	1068	2A	1	1	1	1	Y
Marshalltown CTs	Iowa	1068	2B	1	1	1	1	Y
Marshalltown CTs	Iowa	1068	3A	1	1	1	1	Y
Marshalltown CTs	Iowa	1068	3B	1	1	1	1	Y
Milton L Kapp	Iowa	1048	2	450	450	450	450	Y
Muscatine	Iowa	1167	8	230	230	230	230	Y
Muscatine	Iowa	1167	9	508	508	508	508	Y
Ottumwa	Iowa	6254	1	1,803	1,803	1,803	1,803	Y
Pella	Iowa	1175	6	18	18	18	18	Y
Pella	Iowa	1175	7	29	29	29	29	Y
Pella	Iowa	1175	8	5	5	5	5	Y
Pleasant Hill Energy Center	Iowa	7145	1	3	3	3	3	Y
Pleasant Hill Energy Center	Iowa	7145	2	3	3	3	3	Y
Pleasant Hill Energy Center	Iowa	7145	3	10	10	10	10	Y
Prairie Creek	Iowa	1073	3	142	142	142	142	Y
Prairie Creek	Iowa	1073	4	339	339	339	339	Y
Riverside (1081)	Iowa	1081	9	298	298	298	298	Y
Sixth Street	Iowa	1058	2	21	21	21	21	Y
Sixth Street	Iowa	1058	3	25	25	25	25	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Lansing	Iowa	1047	1	Y		Y		
Lansing	Iowa	1047	2	Y		Y		
Lansing	Iowa	1047	3	Y		Y		
Lansing	Iowa	1047	4	Y		Y		
Lime Creek	Iowa	7155	**1	Y		Y		
Lime Creek	Iowa	7155	**2	Y		Y		
Louisa	Iowa	6664	101	Y		Y		
Marshalltown CTs	Iowa	1068	1A	Y		Y		
Marshalltown CTs	Iowa	1068	1B	Y		Y		
Marshalltown CTs	Iowa	1068	2A	Y		Y		
Marshalltown CTs	Iowa	1068	2B	Y		Y		
Marshalltown CTs	Iowa	1068	3A	Y		Y		
Marshalltown CTs	Iowa	1068	3B	Y		Y		
Milton L Kapp	Iowa	1048	2	Y		Y		
Muscatine	Iowa	1167	8	Y		Y		
Muscatine	Iowa	1167	9	Y		Y		
Ottumwa	Iowa	6254	1	Y		Y		
Pella	Iowa	1175	6	Y		Y		
Pella	Iowa	1175	7	Y		Y		
Pella	Iowa	1175	8	Y		Y		
Pleasant Hill Energy Center	Iowa	7145	1	Y		Y		
Pleasant Hill Energy Center	Iowa	7145	2	Y		Y		
Pleasant Hill Energy Center	Iowa	7145	3	Y		Y		
Prairie Creek	Iowa	1073	3	Y		Y		
Prairie Creek	Iowa	1073	4	Y		Y		
Riverside (1081)	Iowa	1081	9	Y		Y		
Sixth Street	Iowa	1058	2	Y		Y		
Sixth Street	Iowa	1058	3	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Sixth Street	Iowa	1058	4	744	77,356	424,953	148,216		
Sixth Street	Iowa	1058	5	745	800,147	905,210			
Streeter Station	Iowa	1131	7	772	419,618	503,764	89,200	37,766	244,807
Summit Lake	Iowa	1206	1G	89919			14,951	6,851	64,034
Summit Lake	Iowa	1206	2G	90041			12,641	1,641	92,851
Sutherland	Iowa	1077	1	748	1,483,463	1,476,648	919,761	799,304	908,631
Sutherland	Iowa	1077	2	749	1,475,903	1,414,540	1,315,633	293,730	
Sutherland	Iowa	1077	3	750	3,136,070	2,850,765	2,062,657	1,396,243	2,168,321
Sycamore Combustion Turbine	Iowa	8029	1	90084			3,203	21,432	284,431
Sycamore Combustion Turbine	Iowa	8029	2	90085			9,475	17,415	337,997
Walter Scott Jr. Energy Center	Iowa	1082	1	754	2,001,349	1,870,665	1,736,976	1,689,434	1,800,693
Walter Scott Jr. Energy Center	Iowa	1082	2	755	2,691,719	2,658,300	2,054,127	2,759,467	2,609,017
Walter Scott Jr. Energy Center	Iowa	1082	3	756	18,269,700	21,970,910	21,336,061	19,164,567	23,329,975
Walter Scott Jr. Energy Center	Iowa	1082	4	89556		19,138,431	22,228,224	19,852,651	22,871,062
48th Street Peaking Station	Michigan	7258	**7	3062	42,288	25,662	5,897	11,447	102,745
48th Street Peaking Station	Michigan	7258	**8	3063	51,197	51,946	13,220	11,120	31,894
48th Street Peaking Station	Michigan	7258	9	3064	70,078	126,261	46,280	23,723	224,268
B C Cobb	Michigan	1695	4	1147	2,488,043	4,866,755	4,104,648	4,035,803	4,699,555
B C Cobb	Michigan	1695	5	1148	4,946,090	5,209,150	4,180,591	3,542,069	4,195,274
Belle River	Michigan	6034	1	2695	18,441,732	17,740,008	17,009,742	18,774,022	19,860,364
Belle River	Michigan	6034	2	2696	15,623,823	20,497,340	18,768,920	20,323,421	18,957,359
Belle River	Michigan	6034	CTG121	2697	203,472	190,753	90,943	91,928	274,507
Belle River	Michigan	6034	CTG122	2698	206,797	182,475	89,106	68,055	301,330
Belle River	Michigan	6034	CTG131	2699	200,868	226,010	110,212	101,812	326,613
Cadillac Renewable Energy	Michigan	54415	EUBLR	90201			1,394,893	1,046,903	1,531,025
Conners Creek	Michigan	1726	15	1165	241,270	305,105	232,750		
Conners Creek	Michigan	1726	16	1166	267,246	327,787	211,957		
Conners Creek	Michigan	1726	17	1167	251,883	322,648	204,575		

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Sixth Street	Iowa	1058	4	216,842	199,849,234	0.001085	16,201	15,883	18
Sixth Street	Iowa	1058	5	852,678	199,849,234	0.004267	16,201	15,883	69
Streeter Station	Iowa	1131	7	389,396	199,849,234	0.001948	16,201	15,883	32
Summit Lake	Iowa	1206	1G	28,612	199,849,234	0.000143	16,201	15,883	2
Summit Lake	Iowa	1206	2G	35,711	199,849,234	0.000179	16,201	15,883	3
Sutherland	Iowa	1077	1	1,293,291	199,849,234	0.006471	16,201	15,883	105
Sutherland	Iowa	1077	2	1,402,026	199,849,234	0.007015	16,201	15,883	114
Sutherland	Iowa	1077	3	2,718,386	199,849,234	0.013602	16,201	15,883	220
Sycamore Combustion Turbine	Iowa	8029	1	103,022	199,849,234	0.000515	16,201	15,883	8
Sycamore Combustion Turbine	Iowa	8029	2	121,629	199,849,234	0.000609	16,201	15,883	10
Walter Scott Jr. Energy Center	Iowa	1082	1	1,890,902	199,849,234	0.009462	16,201	15,883	153
Walter Scott Jr. Energy Center	Iowa	1082	2	2,703,162	199,849,234	0.013526	16,201	15,883	219
Walter Scott Jr. Energy Center	Iowa	1082	3	22,212,315	199,849,234	0.111145	16,201	15,883	1,801
Walter Scott Jr. Energy Center	Iowa	1082	4	21,650,646	199,849,234	0.108335	16,201	15,883	1,755
48th Street Peaking Station	Michigan	7258	**7	56,898	405,725,128	0.000140	27,480	26,476	4
48th Street Peaking Station	Michigan	7258	**8	45,013	405,725,128	0.000111	27,480	26,476	3
48th Street Peaking Station	Michigan	7258	9	140,202	405,725,128	0.000346	27,480	26,476	9
B C Cobb	Michigan	1695	4	4,556,986	405,725,128	0.011232	27,480	26,476	309
B C Cobb	Michigan	1695	5	4,783,505	405,725,128	0.011790	27,480	26,476	324
Belle River	Michigan	6034	1	19,025,373	405,725,128	0.046892	27,480	26,476	1,289
Belle River	Michigan	6034	2	19,926,040	405,725,128	0.049112	27,480	26,476	1,350
Belle River	Michigan	6034	CTG121	222,911	405,725,128	0.000549	27,480	26,476	15
Belle River	Michigan	6034	CTG122	230,201	405,725,128	0.000567	27,480	26,476	16
Belle River	Michigan	6034	CTG131	251,164	405,725,128	0.000619	27,480	26,476	17
Cadillac Renewable Energy	Michigan	54415	EUBLR	1,324,274	405,725,128	0.003264	27,480	26,476	90
Conners Creek	Michigan	1726	15	259,709	405,725,128	0.000640	27,480	26,476	18
Conners Creek	Michigan	1726	16	268,997	405,725,128	0.000663	27,480	26,476	18
Conners Creek	Michigan	1726	17	259,702	405,725,128	0.000640	27,480	26,476	18

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Sixth Street	Iowa	1058	4	17	18	56	51	10	61
Sixth Street	Iowa	1058	5	68	219	102	92	88	84
Streeter Station	Iowa	1131	7	31	263	161	278	184	182
Summit Lake	Iowa	1206	1G	2					
Summit Lake	Iowa	1206	2G	3					
Sutherland	Iowa	1077	1	103	159	185	182	211	229
Sutherland	Iowa	1077	2	111	153	170	160	196	194
Sutherland	Iowa	1077	3	216	464	866	783	1,094	880
Sycamore Combustion Turbine	Iowa	8029	1	8					
Sycamore Combustion Turbine	Iowa	8029	2	10					
Walter Scott Jr. Energy Center	Iowa	1082	1	150	308	460	507	358	322
Walter Scott Jr. Energy Center	Iowa	1082	2	215	478	479	585	578	551
Walter Scott Jr. Energy Center	Iowa	1082	3	1,765	4,405	4,368	5,268	3,820	1,937
Walter Scott Jr. Energy Center	Iowa	1082	4	1,721					384
48th Street Peaking Station	Michigan	7258	**7	4	2	4	1	3	2
48th Street Peaking Station	Michigan	7258	**8	3	3	1	2	3	3
48th Street Peaking Station	Michigan	7258	9	9	4	5	2	2	3
B C Cobb	Michigan	1695	4	297	943	1,031	928	427	1,002
B C Cobb	Michigan	1695	5	312	453	431	445	395	446
Belle River	Michigan	6034	1	1,242	2,556	1,707	1,779	1,709	2,016
Belle River	Michigan	6034	2	1,300	1,576	1,654	1,878	1,298	1,791
Belle River	Michigan	6034	CTG121	15	3	2	7	3	2
Belle River	Michigan	6034	CTG122	15	2	1	6	3	2
Belle River	Michigan	6034	CTG131	16	2	1	7	3	3
Cadillac Renewable Energy	Michigan	54415	EUBLR	86					
Conners Creek	Michigan	1726	15	17	6	9	19	14	18
Conners Creek	Michigan	1726	16	18	4	6	15	16	20
Conners Creek	Michigan	1726	17	17	6	7	11	15	20

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns R - Y		
Sixth Street	Iowa	1058	4	19			61		
Sixth Street	Iowa	1058	5				219		
Streeter Station	Iowa	1131	7	33	7	81	278		
Summit Lake	Iowa	1206	1G	3	1	12	12		
Summit Lake	Iowa	1206	2G	3	0	18	18		
Sutherland	Iowa	1077	1	148	142	149	229		
Sutherland	Iowa	1077	2	172	42		196		
Sutherland	Iowa	1077	3	560	334	345	1,094		
Sycamore Combustion Turbine	Iowa	8029	1	1	5	67	67		
Sycamore Combustion Turbine	Iowa	8029	2	2	4	80	80		
Walter Scott Jr. Energy Center	Iowa	1082	1	304	287	267	507		
Walter Scott Jr. Energy Center	Iowa	1082	2	197	196	195	585		
Walter Scott Jr. Energy Center	Iowa	1082	3	1,995	1,926	2,203	5,268		
Walter Scott Jr. Energy Center	Iowa	1082	4	641	579	604	641		
48th Street Peaking Station	Michigan	7258	**7	0	1	6	6		
48th Street Peaking Station	Michigan	7258	**8	1	1	2	3		
48th Street Peaking Station	Michigan	7258	9	1	1	4	5		
B C Cobb	Michigan	1695	4	774	793	857	1,031		
B C Cobb	Michigan	1695	5	360	341	394	453		
Belle River	Michigan	6034	1	2,005	2,041	2,074	2,556		
Belle River	Michigan	6034	2	1,858	2,082	1,838	2,082		
Belle River	Michigan	6034	CTG121	1	1	4	7		
Belle River	Michigan	6034	CTG122	1	1	3	6		
Belle River	Michigan	6034	CTG131	1	1	4	7		
Cadillac Renewable Energy	Michigan	54415	EUBLR	100	72	92	100		
Conners Creek	Michigan	1726	15	14			19		
Conners Creek	Michigan	1726	16	13			20		
Conners Creek	Michigan	1726	17	14			20		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Sixth Street	Iowa	1058	4						
Sixth Street	Iowa	1058	5						
Streeter Station	Iowa	1131	7						
Summit Lake	Iowa	1206	1G						
Summit Lake	Iowa	1206	2G						
Sutherland	Iowa	1077	1						
Sutherland	Iowa	1077	2						
Sutherland	Iowa	1077	3						
Sycamore Combustion Turbine	Iowa	8029	1						
Sycamore Combustion Turbine	Iowa	8029	2						
Walter Scott Jr. Energy Center	Iowa	1082	1						
Walter Scott Jr. Energy Center	Iowa	1082	2						
Walter Scott Jr. Energy Center	Iowa	1082	3						
Walter Scott Jr. Energy Center	Iowa	1082	4						
48th Street Peaking Station	Michigan	7258	**7						
48th Street Peaking Station	Michigan	7258	**8						
48th Street Peaking Station	Michigan	7258	9						
B C Cobb	Michigan	1695	4						
B C Cobb	Michigan	1695	5						
Belle River	Michigan	6034	1						
Belle River	Michigan	6034	2						
Belle River	Michigan	6034	CTG121						
Belle River	Michigan	6034	CTG122						
Belle River	Michigan	6034	CTG131						
Cadillac Renewable Energy	Michigan	54415	EUBLR						
Connors Creek	Michigan	1726	15						
Connors Creek	Michigan	1726	16						
Connors Creek	Michigan	1726	17						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)
Calculation				(Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA)	(Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB)	(Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC)	(Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD)
Sixth Street	Iowa	1058	4	20	20	19	19
Sixth Street	Iowa	1058	5	78	78	76	76
Streeter Station	Iowa	1131	7	35	35	35	35
Summit Lake	Iowa	1206	1G	3	3	3	3
Summit Lake	Iowa	1206	2G	3	3	3	3
Sutherland	Iowa	1077	1	118	118	115	115
Sutherland	Iowa	1077	2	128	128	125	125
Sutherland	Iowa	1077	3	247	247	242	242
Sycamore Combustion Turbine	Iowa	8029	1	9	9	9	9
Sycamore Combustion Turbine	Iowa	8029	2	11	11	11	11
Walter Scott Jr. Energy Center	Iowa	1082	1	172	172	168	168
Walter Scott Jr. Energy Center	Iowa	1082	2	246	246	241	241
Walter Scott Jr. Energy Center	Iowa	1082	3	2,021	2,021	1,978	1,978
Walter Scott Jr. Energy Center	Iowa	1082	4	641	641	641	641
48th Street Peaking Station	Michigan	7258	**7	4	4	4	4
48th Street Peaking Station	Michigan	7258	**8	3	3	3	3
48th Street Peaking Station	Michigan	7258	9	5	5	5	5
B C Cobb	Michigan	1695	4	337	337	324	324
B C Cobb	Michigan	1695	5	354	354	340	340
Belle River	Michigan	6034	1	1,407	1,407	1,352	1,352
Belle River	Michigan	6034	2	1,474	1,474	1,416	1,416
Belle River	Michigan	6034	CTG121	7	7	7	7
Belle River	Michigan	6034	CTG122	6	6	6	6
Belle River	Michigan	6034	CTG131	7	7	7	7
Cadillac Renewable Energy	Michigan	54415	EUBLR	98	98	94	94
Connors Creek	Michigan	1726	15	19	19	18	18
Connors Creek	Michigan	1726	16	20	20	19	19
Connors Creek	Michigan	1726	17	19	19	18	18

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
Sixth Street	Iowa	1058	4	19	19	19	19	Y
Sixth Street	Iowa	1058	5	76	76	76	76	Y
Streeter Station	Iowa	1131	7	35	35	35	35	Y
Summit Lake	Iowa	1206	1G	3	3	3	3	Y
Summit Lake	Iowa	1206	2G	3	3	3	3	Y
Sutherland	Iowa	1077	1	115	115	115	115	Y
Sutherland	Iowa	1077	2	125	125	125	125	Y
Sutherland	Iowa	1077	3	242	242	242	242	Y
Sycamore Combustion Turbine	Iowa	8029	1	9	9	9	9	Y
Sycamore Combustion Turbine	Iowa	8029	2	11	11	11	11	Y
Walter Scott Jr. Energy Center	Iowa	1082	1	168	168	168	168	Y
Walter Scott Jr. Energy Center	Iowa	1082	2	241	241	241	241	Y
Walter Scott Jr. Energy Center	Iowa	1082	3	1,978	1,978	1,978	1,978	Y
Walter Scott Jr. Energy Center	Iowa	1082	4	641	641	641	641	Y
48th Street Peaking Station	Michigan	7258	**7	4	4	4	4	Y
48th Street Peaking Station	Michigan	7258	**8	3	3	3	3	Y
48th Street Peaking Station	Michigan	7258	9	5	5	5	5	Y
B C Cobb	Michigan	1695	4	324	324	324	324	Y
B C Cobb	Michigan	1695	5	340	340	340	340	Y
Belle River	Michigan	6034	1	1,352	1,352	1,352	1,352	Y
Belle River	Michigan	6034	2	1,416	1,416	1,416	1,416	Y
Belle River	Michigan	6034	CTG121	7	7	7	7	Y
Belle River	Michigan	6034	CTG122	6	6	6	6	Y
Belle River	Michigan	6034	CTG131	7	7	7	7	Y
Cadillac Renewable Energy	Michigan	54415	EUBLR	94	94	94	94	Y
Conners Creek	Michigan	1726	15	18	18	18	18	Y
Conners Creek	Michigan	1726	16	19	19	19	19	Y
Conners Creek	Michigan	1726	17	18	18	18	18	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Sixth Street	Iowa	1058	4	Y		Y		
Sixth Street	Iowa	1058	5	Y		Y		
Streeter Station	Iowa	1131	7	Y		Y		
Summit Lake	Iowa	1206	1G	Y		Y		
Summit Lake	Iowa	1206	2G	Y		Y		
Sutherland	Iowa	1077	1	Y		Y		
Sutherland	Iowa	1077	2	Y		Y		
Sutherland	Iowa	1077	3	Y		Y		
Sycamore Combustion Turbine	Iowa	8029	1	Y		Y		
Sycamore Combustion Turbine	Iowa	8029	2	Y		Y		
Walter Scott Jr. Energy Center	Iowa	1082	1	Y		Y		
Walter Scott Jr. Energy Center	Iowa	1082	2	Y		Y		
Walter Scott Jr. Energy Center	Iowa	1082	3	Y		Y		
Walter Scott Jr. Energy Center	Iowa	1082	4	Y		Y		
48th Street Peaking Station	Michigan	7258	**7	Y		Y		
48th Street Peaking Station	Michigan	7258	**8	Y		Y		
48th Street Peaking Station	Michigan	7258	9	Y		Y		
B C Cobb	Michigan	1695	4	Y		Y		
B C Cobb	Michigan	1695	5	Y		Y		
Belle River	Michigan	6034	1	Y		Y		
Belle River	Michigan	6034	2	Y		Y		
Belle River	Michigan	6034	CTG121	Y		Y		
Belle River	Michigan	6034	CTG122	Y		Y		
Belle River	Michigan	6034	CTG131	Y		Y		
Cadillac Renewable Energy	Michigan	54415	EUBLR	Y		Y		
Conners Creek	Michigan	1726	15	Y		Y		
Conners Creek	Michigan	1726	16	Y		Y		
Conners Creek	Michigan	1726	17	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Conners Creek	Michigan	1726	18	1168	226,138	213,397	202,487		
DTE East China	Michigan	55718	1	9240	199,526	270,334	7,135	21,461	143,904
DTE East China	Michigan	55718	2	9241	200,809	278,439	11,041	21,670	144,538
DTE East China	Michigan	55718	3	9242	193,636	267,339	10,305	20,600	148,559
DTE East China	Michigan	55718	4	9243	189,796	259,937	9,976	20,009	144,695
DTE Pontiac North LLC	Michigan	10111	EUBHB9	89199			568,277		
Dan E Karn	Michigan	1702	1	1153	9,230,671	8,736,543	2,803,817	6,746,297	7,234,342
Dan E Karn	Michigan	1702	2	1154	9,541,784	7,373,058	7,386,317	7,721,907	8,127,816
Dan E Karn	Michigan	1702	3	1155	1,453,161	1,689,549	401,489	392,629	1,356,471
Dan E Karn	Michigan	1702	4	1156	1,335,374	1,235,520	741,982	304,615	258,531
Dearborn Industrial Generation	Michigan	55088	BL1100	89291	1,643,902	485,178	1,232,544	659,705	1,134,000
Dearborn Industrial Generation	Michigan	55088	BL2100	89292	1,569,125	982,999	1,186,430	904,964	760,557
Dearborn Industrial Generation	Michigan	55088	BL3100	89293	1,719,138	1,979,501	1,069,389	656,807	869,075
Dearborn Industrial Generation	Michigan	55088	GT2100	89289	6,264,760	2,238,524	1,385,605	1,553,308	3,350,074
Dearborn Industrial Generation	Michigan	55088	GT3100	89290	9,655,576	2,635,179	1,479,829	1,856,933	3,273,571
Dearborn Industrial Generation	Michigan	55088	GTP1	3869	421,069	897,614	299,396	109,099	1,056,752
Delray	Michigan	1728	CTG111	1175	154,998	105,542	39,091	12,918	168,012
Delray	Michigan	1728	CTG121	1176	142,981	97,158	36,783	14,769	134,443
Eckert Station	Michigan	1831	1	1215	1,452,758	1,434,990	1,154,007	216,073	1,117,842
Eckert Station	Michigan	1831	2	1216	1,390,232	1,053,163	1,211,506	282,465	1,027,842
Eckert Station	Michigan	1831	3	1217	1,165,452	1,308,165	914,773	472,061	1,304,085
Eckert Station	Michigan	1831	4	1218	2,357,495	2,184,449	2,171,597	1,086,259	689
Eckert Station	Michigan	1831	5	1219	2,487,177	1,607,583	2,397,098	1,238,441	2,236,380
Eckert Station	Michigan	1831	6	1220	2,116,847	2,318,087	1,898,487	1,706,801	2,390,881
Endicott Generating	Michigan	4259	1	2650	2,375,394	3,019,204	2,301,019	2,046,089	2,280,971
Erickson	Michigan	1832	1	1221	5,294,288	5,939,775	5,139,054	5,040,791	4,944,220
Genesee Power Station	Michigan	54751	01	90200			1,296,744	840,301	1,077,342
Grayling Generating Station	Michigan	10822	1	90210			1,546,970	1,133,157	1,439,630

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Conners Creek	Michigan	1726	18	214,007	405,725,128	0.000527	27,480	26,476	14
DTE East China	Michigan	55718	1	204,588	405,725,128	0.000504	27,480	26,476	14
DTE East China	Michigan	55718	2	207,929	405,725,128	0.000512	27,480	26,476	14
DTE East China	Michigan	55718	3	203,178	405,725,128	0.000501	27,480	26,476	14
DTE East China	Michigan	55718	4	198,143	405,725,128	0.000488	27,480	26,476	13
DTE Pontiac North LLC	Michigan	10111	EUBHB9	568,277	405,725,128	0.001401	27,480	26,476	38
Dan E Karn	Michigan	1702	1	8,400,519	405,725,128	0.020705	27,480	26,476	569
Dan E Karn	Michigan	1702	2	8,463,836	405,725,128	0.020861	27,480	26,476	573
Dan E Karn	Michigan	1702	3	1,499,727	405,725,128	0.003696	27,480	26,476	102
Dan E Karn	Michigan	1702	4	1,104,292	405,725,128	0.002722	27,480	26,476	75
Dearborn Industrial Generation	Michigan	55088	BL1100	1,336,815	405,725,128	0.003295	27,480	26,476	91
Dearborn Industrial Generation	Michigan	55088	BL2100	1,246,185	405,725,128	0.003072	27,480	26,476	84
Dearborn Industrial Generation	Michigan	55088	BL3100	1,589,343	405,725,128	0.003917	27,480	26,476	108
Dearborn Industrial Generation	Michigan	55088	GT2100	3,951,119	405,725,128	0.009738	27,480	26,476	268
Dearborn Industrial Generation	Michigan	55088	GT3100	5,188,109	405,725,128	0.012787	27,480	26,476	351
Dearborn Industrial Generation	Michigan	55088	GTP1	791,812	405,725,128	0.001952	27,480	26,476	54
Delray	Michigan	1728	CTG111	142,851	405,725,128	0.000352	27,480	26,476	10
Delray	Michigan	1728	CTG121	124,861	405,725,128	0.000308	27,480	26,476	8
Eckert Station	Michigan	1831	1	1,347,251	405,725,128	0.003321	27,480	26,476	91
Eckert Station	Michigan	1831	2	1,218,300	405,725,128	0.003003	27,480	26,476	83
Eckert Station	Michigan	1831	3	1,259,234	405,725,128	0.003104	27,480	26,476	85
Eckert Station	Michigan	1831	4	2,237,847	405,725,128	0.005516	27,480	26,476	152
Eckert Station	Michigan	1831	5	2,373,552	405,725,128	0.005850	27,480	26,476	161
Eckert Station	Michigan	1831	6	2,275,272	405,725,128	0.005608	27,480	26,476	154
Endicott Generating	Michigan	4259	1	2,565,205	405,725,128	0.006323	27,480	26,476	174
Erickson	Michigan	1832	1	5,457,705	405,725,128	0.013452	27,480	26,476	370
Genesee Power Station	Michigan	54751	01	1,071,462	405,725,128	0.002641	27,480	26,476	73
Grayling Generating Station	Michigan	10822	1	1,373,252	405,725,128	0.003385	27,480	26,476	93

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Conners Creek	Michigan	1726	18	14	5	8	18	13	13
DTE East China	Michigan	55718	1	13	1		3	2	3
DTE East China	Michigan	55718	2	14	1		3	3	3
DTE East China	Michigan	55718	3	13	1		4	3	3
DTE East China	Michigan	55718	4	13	1		3	2	3
DTE Pontiac North LLC	Michigan	10111	EUBHB9	37					26
Dan E Karn	Michigan	1702	1	548	1,517	569	301	356	599
Dan E Karn	Michigan	1702	2	552	278	305	207	250	294
Dan E Karn	Michigan	1702	3	98	296	242	356	115	168
Dan E Karn	Michigan	1702	4	72	206	134	314	128	124
Dearborn Industrial Generation	Michigan	55088	BL1100	87	43	5	10	9	10
Dearborn Industrial Generation	Michigan	55088	BL2100	81	38	5	9	17	19
Dearborn Industrial Generation	Michigan	55088	BL3100	104	31	6	11	13	12
Dearborn Industrial Generation	Michigan	55088	GT2100	258	38	24	43	45	35
Dearborn Industrial Generation	Michigan	55088	GT3100	339	49	19	43	53	47
Dearborn Industrial Generation	Michigan	55088	GTP1	52	1	4	21	7	17
Delray	Michigan	1728	CTG111	9	2	2	3	3	2
Delray	Michigan	1728	CTG121	8	2	2	6	3	2
Eckert Station	Michigan	1831	1	88	116	92	114	143	150
Eckert Station	Michigan	1831	2	80	114	149	126	168	126
Eckert Station	Michigan	1831	3	82	108	124	110	94	103
Eckert Station	Michigan	1831	4	146	315	215	166	242	225
Eckert Station	Michigan	1831	5	155	207	196	200	261	158
Eckert Station	Michigan	1831	6	148	245	220	220	218	249
Endicott Generating	Michigan	4259	1	167	317	261	263	213	241
Erickson	Michigan	1832	1	356	857	580	461	496	574
Genesee Power Station	Michigan	54751	01	70					
Grayling Generating Station	Michigan	10822	1	90					

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
Conners Creek	Michigan	1726	18	11			18		
DTE East China	Michigan	55718	1	0	0	1	3		
DTE East China	Michigan	55718	2	0	0	2	3		
DTE East China	Michigan	55718	3	0	0	2	4		
DTE East China	Michigan	55718	4	0	0	1	3		
DTE Pontiac North LLC	Michigan	10111	EUBHB9	69	24		69		
Dan E Karn	Michigan	1702	1	115	249	231	1,517		
Dan E Karn	Michigan	1702	2	299	197	232	305		
Dan E Karn	Michigan	1702	3	45	41	104	356		
Dan E Karn	Michigan	1702	4	81	33	25	314		
Dearborn Industrial Generation	Michigan	55088	BL1100	12	12	36	43		
Dearborn Industrial Generation	Michigan	55088	BL2100	13	9	20	38		
Dearborn Industrial Generation	Michigan	55088	BL3100	12	14	17	31		
Dearborn Industrial Generation	Michigan	55088	GT2100	23	24	59	59		
Dearborn Industrial Generation	Michigan	55088	GT3100	25	30	60	60		
Dearborn Industrial Generation	Michigan	55088	GTP1	5	2	20	21		
Delray	Michigan	1728	CTG111	1	0	3	3		
Delray	Michigan	1728	CTG121	1	0	3	6		
Eckert Station	Michigan	1831	1	117	24	127	150		
Eckert Station	Michigan	1831	2	142	36	131	168		
Eckert Station	Michigan	1831	3	73	44	95	124		
Eckert Station	Michigan	1831	4	221	114	0	315		
Eckert Station	Michigan	1831	5	237	130	240	261		
Eckert Station	Michigan	1831	6	206	168	246	249		
Endicott Generating	Michigan	4259	1	215	182	297	317		
Erickson	Michigan	1832	1	499	463	534	857		
Genesee Power Station	Michigan	54751	01	113	67	92	113		
Grayling Generating Station	Michigan	10822	1	109	83	102	109		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Conners Creek	Michigan	1726	18						
DTE East China	Michigan	55718	1						
DTE East China	Michigan	55718	2						
DTE East China	Michigan	55718	3						
DTE East China	Michigan	55718	4						
DTE Pontiac North LLC	Michigan	10111	EUBHB9						
Dan E Karn	Michigan	1702	1						
Dan E Karn	Michigan	1702	2						
Dan E Karn	Michigan	1702	3						
Dan E Karn	Michigan	1702	4						
Dearborn Industrial Generation	Michigan	55088	BL1100						
Dearborn Industrial Generation	Michigan	55088	BL2100						
Dearborn Industrial Generation	Michigan	55088	BL3100						
Dearborn Industrial Generation	Michigan	55088	GT2100						
Dearborn Industrial Generation	Michigan	55088	GT3100						
Dearborn Industrial Generation	Michigan	55088	GTP1						
Delray	Michigan	1728	CTG111						
Delray	Michigan	1728	CTG121						
Eckert Station	Michigan	1831	1						
Eckert Station	Michigan	1831	2						
Eckert Station	Michigan	1831	3						
Eckert Station	Michigan	1831	4						
Eckert Station	Michigan	1831	5						
Eckert Station	Michigan	1831	6						
Endicott Generating	Michigan	4259	1						
Erickson	Michigan	1832	1						
Genesee Power Station	Michigan	54751	01						
Grayling Generating Station	Michigan	10822	1						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)
Calculation				(Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	(Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	(Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	(Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Conners Creek	Michigan	1726	18	16	16	15	15
DTE East China	Michigan	55718	1	3	3	3	3
DTE East China	Michigan	55718	2	3	3	3	3
DTE East China	Michigan	55718	3	4	4	4	4
DTE East China	Michigan	55718	4	3	3	3	3
DTE Pontiac North LLC	Michigan	10111	EUBHB9	42	42	40	40
Dan E Karn	Michigan	1702	1	621	621	597	597
Dan E Karn	Michigan	1702	2	305	305	305	305
Dan E Karn	Michigan	1702	3	111	111	107	107
Dan E Karn	Michigan	1702	4	82	82	78	78
Dearborn Industrial Generation	Michigan	55088	BL1100	43	43	43	43
Dearborn Industrial Generation	Michigan	55088	BL2100	38	38	38	38
Dearborn Industrial Generation	Michigan	55088	BL3100	31	31	31	31
Dearborn Industrial Generation	Michigan	55088	GT2100	59	59	59	59
Dearborn Industrial Generation	Michigan	55088	GT3100	60	60	60	60
Dearborn Industrial Generation	Michigan	55088	GTP1	21	21	21	21
Delray	Michigan	1728	CTG111	3	3	3	3
Delray	Michigan	1728	CTG121	6	6	6	6
Eckert Station	Michigan	1831	1	100	100	96	96
Eckert Station	Michigan	1831	2	90	90	87	87
Eckert Station	Michigan	1831	3	93	93	90	90
Eckert Station	Michigan	1831	4	165	165	159	159
Eckert Station	Michigan	1831	5	176	176	169	169
Eckert Station	Michigan	1831	6	168	168	162	162
Endicott Generating	Michigan	4259	1	190	190	182	182
Erickson	Michigan	1832	1	404	404	388	388
Genesee Power Station	Michigan	54751	01	79	79	76	76
Grayling Generating Station	Michigan	10822	1	102	102	98	98

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
Conners Creek	Michigan	1726	18	15	15	15	15	Y
DTE East China	Michigan	55718	1	3	3	3	3	Y
DTE East China	Michigan	55718	2	3	3	3	3	Y
DTE East China	Michigan	55718	3	4	4	4	4	Y
DTE East China	Michigan	55718	4	3	3	3	3	Y
DTE Pontiac North LLC	Michigan	10111	EUBHB9	40	40	40	40	Y
Dan E Karn	Michigan	1702	1	597	597	597	597	Y
Dan E Karn	Michigan	1702	2	305	305	305	305	Y
Dan E Karn	Michigan	1702	3	107	107	107	107	Y
Dan E Karn	Michigan	1702	4	78	78	78	78	Y
Dearborn Industrial Generation	Michigan	55088	BL1100	43	43	43	43	Y
Dearborn Industrial Generation	Michigan	55088	BL2100	38	38	38	38	Y
Dearborn Industrial Generation	Michigan	55088	BL3100	31	31	31	31	Y
Dearborn Industrial Generation	Michigan	55088	GT2100	59	59	59	59	Y
Dearborn Industrial Generation	Michigan	55088	GT3100	60	60	60	60	Y
Dearborn Industrial Generation	Michigan	55088	GTP1	21	21	21	21	Y
Delray	Michigan	1728	CTG111	3	3	3	3	Y
Delray	Michigan	1728	CTG121	6	6	6	6	Y
Eckert Station	Michigan	1831	1	96	96	96	96	Y
Eckert Station	Michigan	1831	2	87	87	87	87	Y
Eckert Station	Michigan	1831	3	90	90	90	90	Y
Eckert Station	Michigan	1831	4	159	159	159	159	Y
Eckert Station	Michigan	1831	5	169	169	169	169	Y
Eckert Station	Michigan	1831	6	162	162	162	162	Y
Endicott Generating	Michigan	4259	1	182	182	182	182	Y
Erickson	Michigan	1832	1	388	388	388	388	Y
Genesee Power Station	Michigan	54751	01	76	76	76	76	Y
Grayling Generating Station	Michigan	10822	1	98	98	98	98	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Conners Creek	Michigan	1726	18	Y		Y		
DTE East China	Michigan	55718	1	Y		Y		
DTE East China	Michigan	55718	2	Y		Y		
DTE East China	Michigan	55718	3	Y		Y		
DTE East China	Michigan	55718	4	Y		Y		
DTE Pontiac North LLC	Michigan	10111	EUBHB9	Y		Y		Y
Dan E Karn	Michigan	1702	1	Y		Y		
Dan E Karn	Michigan	1702	2	Y		Y		
Dan E Karn	Michigan	1702	3	Y		Y		
Dan E Karn	Michigan	1702	4	Y		Y		
Dearborn Industrial Generation	Michigan	55088	BL1100	Y		Y		
Dearborn Industrial Generation	Michigan	55088	BL2100	Y		Y		
Dearborn Industrial Generation	Michigan	55088	BL3100	Y		Y		
Dearborn Industrial Generation	Michigan	55088	GT2100	Y		Y		
Dearborn Industrial Generation	Michigan	55088	GT3100	Y		Y		
Dearborn Industrial Generation	Michigan	55088	GTP1	Y		Y		
Delray	Michigan	1728	CTG111	Y		Y		
Delray	Michigan	1728	CTG121	Y		Y		
Eckert Station	Michigan	1831	1	Y		Y		
Eckert Station	Michigan	1831	2	Y		Y		
Eckert Station	Michigan	1831	3	Y		Y		
Eckert Station	Michigan	1831	4	Y		Y		
Eckert Station	Michigan	1831	5	Y		Y		
Eckert Station	Michigan	1831	6	Y		Y		
Endicott Generating	Michigan	4259	1	Y		Y		
Erickson	Michigan	1832	1	Y		Y		
Genesee Power Station	Michigan	54751	01	Y		Y		
Grayling Generating Station	Michigan	10822	1	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Greenwood	Michigan	6035	1	2700	2,931,934	3,176,177	2,448,133	853,954	4,124,992
Greenwood	Michigan	6035	CTG111	2701	162,753	262,385	53,150	54,158	162,049
Greenwood	Michigan	6035	CTG112	2702	156,437	274,925	59,916	36,859	178,223
Greenwood	Michigan	6035	CTG121	2703	153,224	294,770	60,666	53,365	173,820
Hancock Peak	Michigan	1730	CTG121	88435	18,082	1,204	3,766	888	12,762
Hancock Peak	Michigan	1730	CTG122	88436	22,288	602	3,652	1,362	11,527
Harbor Beach	Michigan	1731	1	1177	1,072,581	30,061	922,492	608,324	1,139,203
J B Sims	Michigan	1825	3	1213	1,849,716	1,876,008	1,814,000	1,229,385	1,799,816
J C Weadock	Michigan	1720	7	1160	3,276,347	4,695,965	3,749,655	4,310,442	3,417,170
J C Weadock	Michigan	1720	8	1161	5,143,922	3,867,493	3,662,535	3,964,453	4,290,152
J H Campbell	Michigan	1710	1	1157	9,003,579	9,043,157	7,072,270	7,995,200	8,245,758
J H Campbell	Michigan	1710	2	1158	10,481,799	8,985,967	9,569,380	7,816,669	9,603,000
J H Campbell	Michigan	1710	3	1159	24,199,971	24,232,874	28,931,950	25,885,188	23,541,499
J R Whiting	Michigan	1723	1	1162	3,779,903	3,814,841	3,412,326	3,094,505	3,439,702
J R Whiting	Michigan	1723	2	1163	4,078,136	3,648,859	3,365,858	2,961,476	3,221,546
J R Whiting	Michigan	1723	3	1164	4,541,685	4,440,898	3,953,782	3,968	3,617,634
Jackson MI Facility	Michigan	55270	7EA	4376	698,723	998,810	489,279	240,257	842,304
Jackson MI Facility	Michigan	55270	LM1	4377	204,697	423,957	271,498	96,753	327,516
Jackson MI Facility	Michigan	55270	LM2	4378	199,577	403,520	262,937	90,056	340,488
Jackson MI Facility	Michigan	55270	LM3	4379	207,224	419,943	265,325	88,103	318,138
Jackson MI Facility	Michigan	55270	LM4	4380	202,235	421,583	261,474	95,935	347,887
Jackson MI Facility	Michigan	55270	LM5	4381	204,737	423,857	263,332	90,542	343,721
Jackson MI Facility	Michigan	55270	LM6	4382	192,626	406,473	264,426	94,330	341,246
James De Young	Michigan	1830	5	1214	646,379	527,645	692,102	554,141	310,764
Kalamazoo River Generating Station	Michigan	55101	1	3894	57,939	24,502	5,865	21,398	92,411
Kalkaska Ct Project #1	Michigan	7984	1A	9291	25,244	90,032	17,619	24,559	110,980
Kalkaska Ct Project #1	Michigan	7984	1B	9292	24,115	91,460	17,251	25,303	111,428
Livingston Generating Station	Michigan	55102	1	3895	9,746	12,032	2,717	26,169	57,872

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Greenwood	Michigan	6035	1	3,411,034	405,725,128	0.008407	27,480	26,476	231
Greenwood	Michigan	6035	CTG111	195,729	405,725,128	0.000482	27,480	26,476	13
Greenwood	Michigan	6035	CTG112	203,195	405,725,128	0.000501	27,480	26,476	14
Greenwood	Michigan	6035	CTG121	207,271	405,725,128	0.000511	27,480	26,476	14
Hancock Peakers	Michigan	1730	CTG121	11,537	405,725,128	0.000028	27,480	26,476	1
Hancock Peakers	Michigan	1730	CTG122	12,489	405,725,128	0.000031	27,480	26,476	1
Harbor Beach	Michigan	1731	1	1,044,759	405,725,128	0.002575	27,480	26,476	71
J B Sims	Michigan	1825	3	1,846,575	405,725,128	0.004551	27,480	26,476	125
J C Weadock	Michigan	1720	7	4,252,021	405,725,128	0.010480	27,480	26,476	288
J C Weadock	Michigan	1720	8	4,466,176	405,725,128	0.011008	27,480	26,476	302
J H Campbell	Michigan	1710	1	8,764,165	405,725,128	0.021601	27,480	26,476	594
J H Campbell	Michigan	1710	2	9,884,726	405,725,128	0.024363	27,480	26,476	669
J H Campbell	Michigan	1710	3	26,350,004	405,725,128	0.064945	27,480	26,476	1,785
J R Whiting	Michigan	1723	1	3,678,149	405,725,128	0.009066	27,480	26,476	249
J R Whiting	Michigan	1723	2	3,697,618	405,725,128	0.009114	27,480	26,476	250
J R Whiting	Michigan	1723	3	4,312,122	405,725,128	0.010628	27,480	26,476	292
Jackson MI Facility	Michigan	55270	7EA	846,612	405,725,128	0.002087	27,480	26,476	57
Jackson MI Facility	Michigan	55270	LM1	340,991	405,725,128	0.000840	27,480	26,476	23
Jackson MI Facility	Michigan	55270	LM2	335,648	405,725,128	0.000827	27,480	26,476	23
Jackson MI Facility	Michigan	55270	LM3	334,469	405,725,128	0.000824	27,480	26,476	23
Jackson MI Facility	Michigan	55270	LM4	343,648	405,725,128	0.000847	27,480	26,476	23
Jackson MI Facility	Michigan	55270	LM5	343,637	405,725,128	0.000847	27,480	26,476	23
Jackson MI Facility	Michigan	55270	LM6	337,382	405,725,128	0.000832	27,480	26,476	23
James De Young	Michigan	1830	5	630,874	405,725,128	0.001555	27,480	26,476	43
Kalamazoo River Generating Station	Michigan	55101	1	58,284	405,725,128	0.000144	27,480	26,476	4
Kalkaska Ct Project #1	Michigan	7984	1A	75,418	405,725,128	0.000186	27,480	26,476	5
Kalkaska Ct Project #1	Michigan	7984	1B	76,064	405,725,128	0.000187	27,480	26,476	5
Livingston Generating Station	Michigan	55102	1	32,024	405,725,128	0.000079	27,480	26,476	2

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Greenwood	Michigan	6035	1	223	228	252	380	177	187
Greenwood	Michigan	6035	CTG111	13	1	0	7	2	4
Greenwood	Michigan	6035	CTG112	13	1	0	6	2	4
Greenwood	Michigan	6035	CTG121	14	1	0	3	2	5
Hancock Peak	Michigan	1730	CTG121	1		2	7	6	0
Hancock Peak	Michigan	1730	CTG122	1		2	2	8	0
Harbor Beach	Michigan	1731	1	68	402	185	440	299	5
J B Sims	Michigan	1825	3	121	322	184	237	198	217
J C Weadock	Michigan	1720	7	277	877	306	797	502	792
J C Weadock	Michigan	1720	8	291	824	806	743	782	668
J H Campbell	Michigan	1710	1	572	730	711	1,114	1,126	1,044
J H Campbell	Michigan	1710	2	645	1,510	1,235	1,367	1,380	1,134
J H Campbell	Michigan	1710	3	1,719	4,900	3,522	4,448	5,939	1,757
J R Whiting	Michigan	1723	1	240	496	364	429	438	465
J R Whiting	Michigan	1723	2	241	456	398	460	497	439
J R Whiting	Michigan	1723	3	281	569	501	377	513	514
Jackson MI Facility	Michigan	55270	7EA	55	4	2	11	12	14
Jackson MI Facility	Michigan	55270	LM1	22	4	2	7	9	17
Jackson MI Facility	Michigan	55270	LM2	22	3	1	8	9	16
Jackson MI Facility	Michigan	55270	LM3	22	3	1	10	9	16
Jackson MI Facility	Michigan	55270	LM4	22	3	2	7	9	16
Jackson MI Facility	Michigan	55270	LM5	22	4	1	10	9	16
Jackson MI Facility	Michigan	55270	LM6	22	4	1	8	8	16
James De Young	Michigan	1830	5	41	199	163	172	125	128
Kalamazoo River Generating Station	Michigan	55101	1	4	1	1	4	2	1
Kalkaska Ct Project #1	Michigan	7984	1A	5	1	1	1	1	4
Kalkaska Ct Project #1	Michigan	7984	1B	5	2	1	1	1	4
Livingston Generating Station	Michigan	55102	1	2	2	2	10	1	1

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
Greenwood	Michigan	6035	1	150	48	227	380		
Greenwood	Michigan	6035	CTG111	1	1	2	7		
Greenwood	Michigan	6035	CTG112	1	1	3	6		
Greenwood	Michigan	6035	CTG121	1	1	2	5		
Hancock Peak	Michigan	1730	CTG121	1	0	4	7		
Hancock Peak	Michigan	1730	CTG122	1	0	4	8		
Harbor Beach	Michigan	1731	1	322	170	311	440		
J B Sims	Michigan	1825	3	189	122	213	322		
J C Weadock	Michigan	1720	7	636	756	506	877		
J C Weadock	Michigan	1720	8	628	670	702	824		
J H Campbell	Michigan	1710	1	899	652	693	1,126		
J H Campbell	Michigan	1710	2	1,309	1,296	1,517	1,517		
J H Campbell	Michigan	1710	3	1,011	1,527	805	5,939		
J R Whiting	Michigan	1723	1	408	350	420	496		
J R Whiting	Michigan	1723	2	410	357	390	497		
J R Whiting	Michigan	1723	3	454	0	407	569		
Jackson MI Facility	Michigan	55270	7EA	7	4	14	14		
Jackson MI Facility	Michigan	55270	LM1	10	4	13	17		
Jackson MI Facility	Michigan	55270	LM2	10	4	13	16		
Jackson MI Facility	Michigan	55270	LM3	10	4	12	16		
Jackson MI Facility	Michigan	55270	LM4	10	4	14	16		
Jackson MI Facility	Michigan	55270	LM5	10	4	13	16		
Jackson MI Facility	Michigan	55270	LM6	10	4	13	16		
James De Young	Michigan	1830	5	149	112	65	199		
Kalamazoo River Generating Station	Michigan	55101	1	0	1	2	4		
Kalkaska Ct Project #1	Michigan	7984	1A	1	1	4	4		
Kalkaska Ct Project #1	Michigan	7984	1B	1	1	4	4		
Livingston Generating Station	Michigan	55102	1	0	4	9	10		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Greenwood	Michigan	6035	1						
Greenwood	Michigan	6035	CTG111						
Greenwood	Michigan	6035	CTG112						
Greenwood	Michigan	6035	CTG121						
Hancock Peakers	Michigan	1730	CTG121						
Hancock Peakers	Michigan	1730	CTG122						
Harbor Beach	Michigan	1731	1						
J B Sims	Michigan	1825	3						
J C Weadock	Michigan	1720	7						
J C Weadock	Michigan	1720	8						
J H Campbell	Michigan	1710	1						
J H Campbell	Michigan	1710	2						
J H Campbell	Michigan	1710	3						
J R Whiting	Michigan	1723	1						
J R Whiting	Michigan	1723	2						
J R Whiting	Michigan	1723	3						
Jackson MI Facility	Michigan	55270	7EA						
Jackson MI Facility	Michigan	55270	LM1						
Jackson MI Facility	Michigan	55270	LM2						
Jackson MI Facility	Michigan	55270	LM3						
Jackson MI Facility	Michigan	55270	LM4						
Jackson MI Facility	Michigan	55270	LM5						
Jackson MI Facility	Michigan	55270	LM6						
James De Young	Michigan	1830	5						
Kalamazoo River Generating Station	Michigan	55101	1						
Kalkaska Ct Project #1	Michigan	7984	1A						
Kalkaska Ct Project #1	Michigan	7984	1B						
Livingston Generating Station	Michigan	55102	1						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
Greenwood	Michigan	6035	1	252	252	242	242
Greenwood	Michigan	6035	CTG111	7	7	7	7
Greenwood	Michigan	6035	CTG112	6	6	6	6
Greenwood	Michigan	6035	CTG121	5	5	5	5
Hancock Peak	Michigan	1730	CTG121	1	1	1	1
Hancock Peak	Michigan	1730	CTG122	1	1	1	1
Harbor Beach	Michigan	1731	1	77	77	74	74
J B Sims	Michigan	1825	3	137	137	131	131
J C Weadock	Michigan	1720	7	314	314	302	302
J C Weadock	Michigan	1720	8	330	330	317	317
J H Campbell	Michigan	1710	1	648	648	623	623
J H Campbell	Michigan	1710	2	731	731	703	703
J H Campbell	Michigan	1710	3	1,949	1,949	1,873	1,873
J R Whiting	Michigan	1723	1	272	272	261	261
J R Whiting	Michigan	1723	2	273	273	263	263
J R Whiting	Michigan	1723	3	319	319	307	307
Jackson MI Facility	Michigan	55270	7EA	14	14	14	14
Jackson MI Facility	Michigan	55270	LM1	17	17	17	17
Jackson MI Facility	Michigan	55270	LM2	16	16	16	16
Jackson MI Facility	Michigan	55270	LM3	16	16	16	16
Jackson MI Facility	Michigan	55270	LM4	16	16	16	16
Jackson MI Facility	Michigan	55270	LM5	16	16	16	16
Jackson MI Facility	Michigan	55270	LM6	16	16	16	16
James De Young	Michigan	1830	5	47	47	45	45
Kalamazoo River Generating Station	Michigan	55101	1	4	4	4	4
Kalkaska Ct Project #1	Michigan	7984	1A	4	4	4	4
Kalkaska Ct Project #1	Michigan	7984	1B	4	4	4	4
Livingston Generating Station	Michigan	55102	1	2	2	2	2

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE))	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF))	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG))	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH))	
Calculation								
Greenwood	Michigan	6035	1	242	242	242	242	Y
Greenwood	Michigan	6035	CTG111	7	7	7	7	Y
Greenwood	Michigan	6035	CTG112	6	6	6	6	Y
Greenwood	Michigan	6035	CTG121	5	5	5	5	Y
Hancock Peak	Michigan	1730	CTG121	1	1	1	1	Y
Hancock Peak	Michigan	1730	CTG122	1	1	1	1	Y
Harbor Beach	Michigan	1731	1	74	74	74	74	Y
J B Sims	Michigan	1825	3	131	131	131	131	Y
J C Weadock	Michigan	1720	7	302	302	302	302	Y
J C Weadock	Michigan	1720	8	317	317	317	317	Y
J H Campbell	Michigan	1710	1	623	623	623	623	Y
J H Campbell	Michigan	1710	2	703	703	703	703	Y
J H Campbell	Michigan	1710	3	1,873	1,873	1,873	1,873	Y
J R Whiting	Michigan	1723	1	261	261	261	261	Y
J R Whiting	Michigan	1723	2	263	263	263	263	Y
J R Whiting	Michigan	1723	3	307	307	307	307	Y
Jackson MI Facility	Michigan	55270	7EA	14	14	14	14	Y
Jackson MI Facility	Michigan	55270	LM1	17	17	17	17	Y
Jackson MI Facility	Michigan	55270	LM2	16	16	16	16	Y
Jackson MI Facility	Michigan	55270	LM3	16	16	16	16	Y
Jackson MI Facility	Michigan	55270	LM4	16	16	16	16	Y
Jackson MI Facility	Michigan	55270	LM5	16	16	16	16	Y
Jackson MI Facility	Michigan	55270	LM6	16	16	16	16	Y
James De Young	Michigan	1830	5	45	45	45	45	Y
Kalamazoo River Generating Station	Michigan	55101	1	4	4	4	4	Y
Kalamazoo River Project #1	Michigan	7984	1A	4	4	4	4	Y
Kalamazoo River Project #1	Michigan	7984	1B	4	4	4	4	Y
Livingston Generating Station	Michigan	55102	1	2	2	2	2	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Greenwood	Michigan	6035	1	Y		Y		
Greenwood	Michigan	6035	CTG111	Y		Y		
Greenwood	Michigan	6035	CTG112	Y		Y		
Greenwood	Michigan	6035	CTG121	Y		Y		
Hancock Peakers	Michigan	1730	CTG121	Y		Y		
Hancock Peakers	Michigan	1730	CTG122	Y		Y		
Harbor Beach	Michigan	1731	1	Y		Y		
J B Sims	Michigan	1825	3	Y		Y		
J C Weadock	Michigan	1720	7	Y		Y		
J C Weadock	Michigan	1720	8	Y		Y		
J H Campbell	Michigan	1710	1	Y		Y		
J H Campbell	Michigan	1710	2	Y		Y		
J H Campbell	Michigan	1710	3	Y		Y		
J R Whiting	Michigan	1723	1	Y		Y		
J R Whiting	Michigan	1723	2	Y		Y		
J R Whiting	Michigan	1723	3	Y		Y		
Jackson MI Facility	Michigan	55270	7EA	Y		Y		
Jackson MI Facility	Michigan	55270	LM1	Y		Y		
Jackson MI Facility	Michigan	55270	LM2	Y		Y		
Jackson MI Facility	Michigan	55270	LM3	Y		Y		
Jackson MI Facility	Michigan	55270	LM4	Y		Y		
Jackson MI Facility	Michigan	55270	LM5	Y		Y		
Jackson MI Facility	Michigan	55270	LM6	Y		Y		
James De Young	Michigan	1830	5	Y		Y		
Kalamazoo River Generating Station	Michigan	55101	1	Y		Y		
Kalkaska Ct Project #1	Michigan	7984	1A	Y		Y		
Kalkaska Ct Project #1	Michigan	7984	1B	Y		Y		
Livingston Generating Station	Michigan	55102	1	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Livingston Generating Station	Michigan	55102	2	3896	28,975	22,930	15,838	111,670	8,580
Livingston Generating Station	Michigan	55102	3	3897	32,106	33,231	4,964	106,873	69,033
Livingston Generating Station	Michigan	55102	4	3898	24,945	11,541	1,137	97,612	32,532
Michigan Power Limited Partnership	Michigan	54915	1	3811	4,193,022	1,509,642	3,596,057	4,099,301	3,811,855
Midland Cogeneration Venture	Michigan	10745	003	88567	2,200,368	1,263,725	1,022,106	882,272	1,442,519
Midland Cogeneration Venture	Michigan	10745	004	88568	830,930	1,339,771	1,160,984	779,850	1,306,602
Midland Cogeneration Venture	Michigan	10745	005	88569	1,647,232	1,823,817	713,273	474,057	748,494
Midland Cogeneration Venture	Michigan	10745	006	88570	3,224,784	2,429,427	898,683	902,468	1,578,074
Midland Cogeneration Venture	Michigan	10745	007	88571	1,578,383	1,176,442	979,666	739,935	1,319,556
Midland Cogeneration Venture	Michigan	10745	008	88572	1,216,056	1,920,488	2,058,960	917,802	1,361,094
Midland Cogeneration Venture	Michigan	10745	009	88573	1,903,188	1,359,230	636,698	652,514	1,050,537
Midland Cogeneration Venture	Michigan	10745	010	88574	1,103,540	2,451,310	1,966,070	1,066,673	1,413,056
Midland Cogeneration Venture	Michigan	10745	011	88575	1,869,178	2,180,030	943,199	925,188	1,213,107
Midland Cogeneration Venture	Michigan	10745	012	88576	2,972,195	2,798,733	3,500,701	1,947,820	3,118,563
Midland Cogeneration Venture	Michigan	10745	013	88577	1,638,138	1,645,401	2,004,145	1,098,553	1,359,011
Midland Cogeneration Venture	Michigan	10745	014	88578	3,171,952	2,075,775	1,252,887	1,108,957	1,415,802
Midland Cogeneration Venture	Michigan	10745	016	90327				566,746	64,729
Midland Cogeneration Venture	Michigan	10745	017	90328				597,925	215,330
Midland Cogeneration Venture	Michigan	10745	018	90329				549,076	227,616
Midland Cogeneration Venture	Michigan	10745	019	90330				571,924	192,204
Midland Cogeneration Venture	Michigan	10745	020	90331				587,206	169,727
Midland Cogeneration Venture	Michigan	10745	021	90332				411,322	152,440
Mistersky	Michigan	1822	5	1210	3,653	122,176			
Mistersky	Michigan	1822	6	1211	1,595,936	582,618	881,299	201,463	671,816
Mistersky	Michigan	1822	7	1212	219,162	82,877			
Mistersky	Michigan	1822	GT-1	89364	24,145	3,473	3,594	2,483	3,091
Monroe	Michigan	1733	1	1182	22,566,055	21,525,857	20,762,262	23,284,132	20,472,335
Monroe	Michigan	1733	2	1183	17,675,821	18,440,522	17,255,974	20,680,807	12,850,645

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Livingston Generating Station	Michigan	55102	2	54,525	405,725,128	0.000134	27,480	26,476	4
Livingston Generating Station	Michigan	55102	3	69,712	405,725,128	0.000172	27,480	26,476	5
Livingston Generating Station	Michigan	55102	4	51,697	405,725,128	0.000127	27,480	26,476	4
Michigan Power Limited Partnership	Michigan	54915	1	4,034,726	405,725,128	0.009944	27,480	26,476	273
Midland Cogeneration Venture	Michigan	10745	003	1,635,538	405,725,128	0.004031	27,480	26,476	111
Midland Cogeneration Venture	Michigan	10745	004	1,269,119	405,725,128	0.003128	27,480	26,476	86
Midland Cogeneration Venture	Michigan	10745	005	1,406,514	405,725,128	0.003467	27,480	26,476	95
Midland Cogeneration Venture	Michigan	10745	006	2,410,762	405,725,128	0.005942	27,480	26,476	163
Midland Cogeneration Venture	Michigan	10745	007	1,358,127	405,725,128	0.003347	27,480	26,476	92
Midland Cogeneration Venture	Michigan	10745	008	1,780,181	405,725,128	0.004388	27,480	26,476	121
Midland Cogeneration Venture	Michigan	10745	009	1,437,652	405,725,128	0.003543	27,480	26,476	97
Midland Cogeneration Venture	Michigan	10745	010	1,943,479	405,725,128	0.004790	27,480	26,476	132
Midland Cogeneration Venture	Michigan	10745	011	1,754,105	405,725,128	0.004323	27,480	26,476	119
Midland Cogeneration Venture	Michigan	10745	012	3,197,153	405,725,128	0.007880	27,480	26,476	217
Midland Cogeneration Venture	Michigan	10745	013	1,762,561	405,725,128	0.004344	27,480	26,476	119
Midland Cogeneration Venture	Michigan	10745	014	2,221,177	405,725,128	0.005475	27,480	26,476	150
Midland Cogeneration Venture	Michigan	10745	016	315,738	405,725,128	0.000778	27,480	26,476	21
Midland Cogeneration Venture	Michigan	10745	017	406,628	405,725,128	0.001002	27,480	26,476	28
Midland Cogeneration Venture	Michigan	10745	018	388,346	405,725,128	0.000957	27,480	26,476	26
Midland Cogeneration Venture	Michigan	10745	019	382,064	405,725,128	0.000942	27,480	26,476	26
Midland Cogeneration Venture	Michigan	10745	020	378,467	405,725,128	0.000933	27,480	26,476	26
Midland Cogeneration Venture	Michigan	10745	021	281,881	405,725,128	0.000695	27,480	26,476	19
Mistersky	Michigan	1822	5	62,915	405,725,128	0.000155	27,480	26,476	4
Mistersky	Michigan	1822	6	1,049,684	405,725,128	0.002587	27,480	26,476	71
Mistersky	Michigan	1822	7	151,019	405,725,128	0.000372	27,480	26,476	10
Mistersky	Michigan	1822	GT-1	10,404	405,725,128	0.000026	27,480	26,476	1
Monroe	Michigan	1733	1	22,458,682	405,725,128	0.055354	27,480	26,476	1,521
Monroe	Michigan	1733	2	18,932,383	405,725,128	0.046663	27,480	26,476	1,282

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Livingston Generating Station	Michigan	55102	2	4	3	2	12	3	3
Livingston Generating Station	Michigan	55102	3	5	2	1	13	4	4
Livingston Generating Station	Michigan	55102	4	3	2	2	10	3	1
Michigan Power Limited Partnership	Michigan	54915	1	263	79	75	80	82	28
Midland Cogeneration Venture	Michigan	10745	003	107	138	161	189	60	55
Midland Cogeneration Venture	Michigan	10745	004	83	107	166	149	44	73
Midland Cogeneration Venture	Michigan	10745	005	92	83	133	194	67	86
Midland Cogeneration Venture	Michigan	10745	006	157	112	139	179	160	151
Midland Cogeneration Venture	Michigan	10745	007	89	66	94	61	78	78
Midland Cogeneration Venture	Michigan	10745	008	116	94	156	53	49	100
Midland Cogeneration Venture	Michigan	10745	009	94	122	162	49	66	37
Midland Cogeneration Venture	Michigan	10745	010	127	90	141	79	57	96
Midland Cogeneration Venture	Michigan	10745	011	114	99	189	44	86	134
Midland Cogeneration Venture	Michigan	10745	012	209	72	134	35	113	96
Midland Cogeneration Venture	Michigan	10745	013	115	120	198	111	86	86
Midland Cogeneration Venture	Michigan	10745	014	145	131	206	140	163	77
Midland Cogeneration Venture	Michigan	10745	016	21					
Midland Cogeneration Venture	Michigan	10745	017	27					
Midland Cogeneration Venture	Michigan	10745	018	25					
Midland Cogeneration Venture	Michigan	10745	019	25					
Midland Cogeneration Venture	Michigan	10745	020	25					
Midland Cogeneration Venture	Michigan	10745	021	18					
Mistersky	Michigan	1822	5	4	100	126	77	0	14
Mistersky	Michigan	1822	6	68			68	296	36
Mistersky	Michigan	1822	7	10	52	40	78	17	7
Mistersky	Michigan	1822	GT-1	1	61	6	16	7	1
Monroe	Michigan	1733	1	1,466	839	2,738	2,221	2,827	2,987
Monroe	Michigan	1733	2	1,235	2,426	2,827	2,798	2,692	2,980

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns R - Y		
Livingston Generating Station	Michigan	55102	2	2	12	1	12		
Livingston Generating Station	Michigan	55102	3	1	13	8	13		
Livingston Generating Station	Michigan	55102	4	0	11	3	11		
Michigan Power Limited Partnership	Michigan	54915	1	61	85	76	85		
Midland Cogeneration Venture	Michigan	10745	003	71	38	79	189		
Midland Cogeneration Venture	Michigan	10745	004	56	35	81	166		
Midland Cogeneration Venture	Michigan	10745	005	26	22	27	194		
Midland Cogeneration Venture	Michigan	10745	006	54	54	82	179		
Midland Cogeneration Venture	Michigan	10745	007	37	25	75	94		
Midland Cogeneration Venture	Michigan	10745	008	106	49	89	156		
Midland Cogeneration Venture	Michigan	10745	009	41	37	61	162		
Midland Cogeneration Venture	Michigan	10745	010	99	28	82	141		
Midland Cogeneration Venture	Michigan	10745	011	45	18	43	189		
Midland Cogeneration Venture	Michigan	10745	012	118	62	158	158		
Midland Cogeneration Venture	Michigan	10745	013	90	55	74	198		
Midland Cogeneration Venture	Michigan	10745	014	50	40	64	206		
Midland Cogeneration Venture	Michigan	10745	016		8	1	8		
Midland Cogeneration Venture	Michigan	10745	017		10	3	10		
Midland Cogeneration Venture	Michigan	10745	018		8	3	8		
Midland Cogeneration Venture	Michigan	10745	019		9	3	9		
Midland Cogeneration Venture	Michigan	10745	020		9	2	9		
Midland Cogeneration Venture	Michigan	10745	021		6	2	6		
Mistersky	Michigan	1822	5				126		
Mistersky	Michigan	1822	6	126	17	32	296		
Mistersky	Michigan	1822	7				78		
Mistersky	Michigan	1822	GT-1	1	1	1	61		
Monroe	Michigan	1733	1	4,326	3,176	2,999	4,326		
Monroe	Michigan	1733	2	3,490	3,289	2,216	3,490		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Livingston Generating Station	Michigan	55102	2						
Livingston Generating Station	Michigan	55102	3						
Livingston Generating Station	Michigan	55102	4						
Michigan Power Limited Partnership	Michigan	54915	1						
Midland Cogeneration Venture	Michigan	10745	003						
Midland Cogeneration Venture	Michigan	10745	004						
Midland Cogeneration Venture	Michigan	10745	005						
Midland Cogeneration Venture	Michigan	10745	006						
Midland Cogeneration Venture	Michigan	10745	007						
Midland Cogeneration Venture	Michigan	10745	008						
Midland Cogeneration Venture	Michigan	10745	009						
Midland Cogeneration Venture	Michigan	10745	010						
Midland Cogeneration Venture	Michigan	10745	011						
Midland Cogeneration Venture	Michigan	10745	012						
Midland Cogeneration Venture	Michigan	10745	013						
Midland Cogeneration Venture	Michigan	10745	014						
Midland Cogeneration Venture	Michigan	10745	016						
Midland Cogeneration Venture	Michigan	10745	017						
Midland Cogeneration Venture	Michigan	10745	018						
Midland Cogeneration Venture	Michigan	10745	019						
Midland Cogeneration Venture	Michigan	10745	020						
Midland Cogeneration Venture	Michigan	10745	021						
Mistersky	Michigan	1822	5						
Mistersky	Michigan	1822	6						
Mistersky	Michigan	1822	7						
Mistersky	Michigan	1822	GT-1						
Monroe	Michigan	1733	1						
Monroe	Michigan	1733	2						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)
Calculation				(Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	(Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	(Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	(Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Livingston Generating Station	Michigan	55102	2	4	4	4	4
Livingston Generating Station	Michigan	55102	3	5	5	5	5
Livingston Generating Station	Michigan	55102	4	4	4	4	4
Michigan Power Limited Partnership	Michigan	54915	1	85	85	85	85
Midland Cogeneration Venture	Michigan	10745	003	121	121	116	116
Midland Cogeneration Venture	Michigan	10745	004	94	94	90	90
Midland Cogeneration Venture	Michigan	10745	005	104	104	100	100
Midland Cogeneration Venture	Michigan	10745	006	178	178	171	171
Midland Cogeneration Venture	Michigan	10745	007	94	94	94	94
Midland Cogeneration Venture	Michigan	10745	008	132	132	127	127
Midland Cogeneration Venture	Michigan	10745	009	106	106	102	102
Midland Cogeneration Venture	Michigan	10745	010	141	141	138	138
Midland Cogeneration Venture	Michigan	10745	011	130	130	125	125
Midland Cogeneration Venture	Michigan	10745	012	158	158	158	158
Midland Cogeneration Venture	Michigan	10745	013	130	130	125	125
Midland Cogeneration Venture	Michigan	10745	014	164	164	158	158
Midland Cogeneration Venture	Michigan	10745	016	8	8	8	8
Midland Cogeneration Venture	Michigan	10745	017	10	10	10	10
Midland Cogeneration Venture	Michigan	10745	018	8	8	8	8
Midland Cogeneration Venture	Michigan	10745	019	9	9	9	9
Midland Cogeneration Venture	Michigan	10745	020	9	9	9	9
Midland Cogeneration Venture	Michigan	10745	021	6	6	6	6
Mistersky	Michigan	1822	5	5	5	4	4
Mistersky	Michigan	1822	6	78	78	75	75
Mistersky	Michigan	1822	7	11	11	11	11
Mistersky	Michigan	1822	GT-1	1	1	1	1
Monroe	Michigan	1733	1	1,661	1,661	1,596	1,596
Monroe	Michigan	1733	2	1,400	1,400	1,346	1,346

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
Livingston Generating Station	Michigan	55102	2	4	4	4	4	Y
Livingston Generating Station	Michigan	55102	3	5	5	5	5	Y
Livingston Generating Station	Michigan	55102	4	4	4	4	4	Y
Michigan Power Limited Partnership	Michigan	54915	1	85	85	85	85	Y
Midland Cogeneration Venture	Michigan	10745	003	116	116	116	116	Y
Midland Cogeneration Venture	Michigan	10745	004	90	90	90	90	Y
Midland Cogeneration Venture	Michigan	10745	005	100	100	100	100	Y
Midland Cogeneration Venture	Michigan	10745	006	171	171	171	171	Y
Midland Cogeneration Venture	Michigan	10745	007	94	94	94	94	Y
Midland Cogeneration Venture	Michigan	10745	008	127	127	127	127	Y
Midland Cogeneration Venture	Michigan	10745	009	102	102	102	102	Y
Midland Cogeneration Venture	Michigan	10745	010	138	138	138	138	Y
Midland Cogeneration Venture	Michigan	10745	011	125	125	125	125	Y
Midland Cogeneration Venture	Michigan	10745	012	158	158	158	158	Y
Midland Cogeneration Venture	Michigan	10745	013	125	125	125	125	Y
Midland Cogeneration Venture	Michigan	10745	014	158	158	158	158	Y
Midland Cogeneration Venture	Michigan	10745	016	8	8	8	8	Y
Midland Cogeneration Venture	Michigan	10745	017	10	10	10	10	Y
Midland Cogeneration Venture	Michigan	10745	018	8	8	8	8	Y
Midland Cogeneration Venture	Michigan	10745	019	9	9	9	9	Y
Midland Cogeneration Venture	Michigan	10745	020	9	9	9	9	Y
Midland Cogeneration Venture	Michigan	10745	021	6	6	6	6	Y
Mistersky	Michigan	1822	5	4	4	4	4	Y
Mistersky	Michigan	1822	6	75	75	75	75	Y
Mistersky	Michigan	1822	7	11	11	11	11	Y
Mistersky	Michigan	1822	GT-1	1	1	1	1	Y
Monroe	Michigan	1733	1	1,596	1,596	1,596	1,596	Y
Monroe	Michigan	1733	2	1,346	1,346	1,346	1,346	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Livingston Generating Station	Michigan	55102	2	Y		Y		
Livingston Generating Station	Michigan	55102	3	Y		Y		
Livingston Generating Station	Michigan	55102	4	Y		Y		
Michigan Power Limited Partnership	Michigan	54915	1	Y		Y		
Midland Cogeneration Venture	Michigan	10745	003	Y		Y		
Midland Cogeneration Venture	Michigan	10745	004	Y		Y		
Midland Cogeneration Venture	Michigan	10745	005	Y		Y		
Midland Cogeneration Venture	Michigan	10745	006	Y		Y		
Midland Cogeneration Venture	Michigan	10745	007	Y		Y		
Midland Cogeneration Venture	Michigan	10745	008	Y		Y		
Midland Cogeneration Venture	Michigan	10745	009	Y		Y		
Midland Cogeneration Venture	Michigan	10745	010	Y		Y		
Midland Cogeneration Venture	Michigan	10745	011	Y		Y		
Midland Cogeneration Venture	Michigan	10745	012	Y		Y		
Midland Cogeneration Venture	Michigan	10745	013	Y		Y		
Midland Cogeneration Venture	Michigan	10745	014	Y		Y		
Midland Cogeneration Venture	Michigan	10745	016	Y		Y		
Midland Cogeneration Venture	Michigan	10745	017	Y		Y		
Midland Cogeneration Venture	Michigan	10745	018	Y		Y		
Midland Cogeneration Venture	Michigan	10745	019	Y		Y		
Midland Cogeneration Venture	Michigan	10745	020	Y		Y		
Midland Cogeneration Venture	Michigan	10745	021	Y		Y		
Mistersky	Michigan	1822	5	Y		Y		
Mistersky	Michigan	1822	6	Y		Y		
Mistersky	Michigan	1822	7	Y		Y		
Mistersky	Michigan	1822	GT-1	Y		Y		
Monroe	Michigan	1733	1	Y		Y		
Monroe	Michigan	1733	2	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Monroe	Michigan	1733	3	1184	17,088,527	19,677,291	21,724,145	20,141,054	23,965,728
Monroe	Michigan	1733	4	1185	18,898,506	19,909,801	20,133,630	19,612,168	22,325,896
New Covert Generating Project	Michigan	55297	001	4471	1,527,207	2,204,999	1,460,780	2,331,835	3,665,805
New Covert Generating Project	Michigan	55297	002	4472	1,776,210	2,590,527	1,082,730	1,990,198	3,547,881
New Covert Generating Project	Michigan	55297	003	4473	1,497,191	2,047,527	1,044,858	1,902,745	3,313,509
Presque Isle	Michigan	1769	5	1205	2,649,669	2,631,571	2,306,329	2,033,575	1,311,736
Presque Isle	Michigan	1769	6	1206	2,231,372	2,641,750	2,740,080	2,678,301	1,665,124
Presque Isle	Michigan	1769	7	1207	2,972,740	2,790,151	2,954,434	2,601,578	2,814,308
Presque Isle	Michigan	1769	8	1208	2,557,150	2,856,775	3,171,935	3,168,511	3,204,823
Presque Isle	Michigan	1769	9	1209	3,282,612	3,370,512	2,862,729	2,978,508	3,082,891
Renaissance Power	Michigan	55402	CT1	4674	231,036	821,234	692,324	293,306	745,645
Renaissance Power	Michigan	55402	CT2	4675	349,257	782,400	636,327	271,158	469,109
Renaissance Power	Michigan	55402	CT3	4676	714,505	713,040	587,236	248,910	721,166
Renaissance Power	Michigan	55402	CT4	4677	704,058	679,296	566,244	210,934	805,355
River Rouge	Michigan	1740	1	1186					
River Rouge	Michigan	1740	2	1187	6,025,521	7,666,967	5,832,053	6,732,471	7,732,342
River Rouge	Michigan	1740	3	1188	6,811,524	8,114,259	7,780,162	8,086,487	8,778,507
Shiras	Michigan	1843	3	1222	1,739,164	1,668,705	1,656,023	1,350,760	1,329,317
St. Clair	Michigan	1743	1	1189	3,910,841	4,078,100	3,536,927	3,263,490	3,252,166
St. Clair	Michigan	1743	2	1190	3,672,557	3,752,300	4,253,606	4,060,913	3,849,744
St. Clair	Michigan	1743	3	1191	4,105,933	4,183,345	4,499,925	3,710,640	3,699,760
St. Clair	Michigan	1743	4	1192	4,323,978	4,225,086	3,620,902	3,750,347	3,639,794
St. Clair	Michigan	1743	6	1194	7,455,711	8,214,639	6,636,468	7,734,083	7,491,590
St. Clair	Michigan	1743	7	1195	9,863,788	10,873,583	11,405,991	6,286,611	10,309,359
Sumpter Plant	Michigan	7972	1	9882	152,272	147,588	84,736	5,407	155,306
Sumpter Plant	Michigan	7972	2	9883	162,957	153,947	88,094	5,019	154,864
Sumpter Plant	Michigan	7972	3	9884	158,920	156,016	75,802	10,178	142,836
Sumpter Plant	Michigan	7972	4	9885	154,012	186,417	73,889	10,094	132,868

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Monroe	Michigan	1733	3	21,943,642	405,725,128	0.054085	27,480	26,476	1,486
Monroe	Michigan	1733	4	20,789,775	405,725,128	0.051241	27,480	26,476	1,408
New Covert Generating Project	Michigan	55297	001	2,734,213	405,725,128	0.006739	27,480	26,476	185
New Covert Generating Project	Michigan	55297	002	2,709,535	405,725,128	0.006678	27,480	26,476	184
New Covert Generating Project	Michigan	55297	003	2,421,260	405,725,128	0.005968	27,480	26,476	164
Presque Isle	Michigan	1769	5	2,529,190	405,725,128	0.006234	27,480	26,476	171
Presque Isle	Michigan	1769	6	2,686,710	405,725,128	0.006622	27,480	26,476	182
Presque Isle	Michigan	1769	7	2,913,828	405,725,128	0.007182	27,480	26,476	197
Presque Isle	Michigan	1769	8	3,181,757	405,725,128	0.007842	27,480	26,476	216
Presque Isle	Michigan	1769	9	3,245,338	405,725,128	0.007999	27,480	26,476	220
Renaissance Power	Michigan	55402	CT1	753,068	405,725,128	0.001856	27,480	26,476	51
Renaissance Power	Michigan	55402	CT2	629,279	405,725,128	0.001551	27,480	26,476	43
Renaissance Power	Michigan	55402	CT3	716,237	405,725,128	0.001765	27,480	26,476	49
Renaissance Power	Michigan	55402	CT4	729,570	405,725,128	0.001798	27,480	26,476	49
River Rouge	Michigan	1740	1		405,725,128		27,480	26,476	
River Rouge	Michigan	1740	2	7,377,260	405,725,128	0.018183	27,480	26,476	500
River Rouge	Michigan	1740	3	8,326,418	405,725,128	0.020522	27,480	26,476	564
Shiras	Michigan	1843	3	1,687,964	405,725,128	0.004160	27,480	26,476	114
St. Clair	Michigan	1743	1	3,841,956	405,725,128	0.009469	27,480	26,476	260
St. Clair	Michigan	1743	2	4,054,754	405,725,128	0.009994	27,480	26,476	275
St. Clair	Michigan	1743	3	4,263,068	405,725,128	0.010507	27,480	26,476	289
St. Clair	Michigan	1743	4	4,099,804	405,725,128	0.010105	27,480	26,476	278
St. Clair	Michigan	1743	6	7,813,437	405,725,128	0.019258	27,480	26,476	529
St. Clair	Michigan	1743	7	10,862,978	405,725,128	0.026774	27,480	26,476	736
Sumpter Plant	Michigan	7972	1	151,722	405,725,128	0.000374	27,480	26,476	10
Sumpter Plant	Michigan	7972	2	157,256	405,725,128	0.000388	27,480	26,476	11
Sumpter Plant	Michigan	7972	3	152,591	405,725,128	0.000376	27,480	26,476	10
Sumpter Plant	Michigan	7972	4	157,766	405,725,128	0.000389	27,480	26,476	11

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Monroe	Michigan	1733	3	1,432	2,445	2,173	3,573	2,815	631
Monroe	Michigan	1733	4	1,357	6,133	3,026	3,319	2,710	694
New Covert Generating Project	Michigan	55297	001	178	68	2	9	7	10
New Covert Generating Project	Michigan	55297	002	177	185	2	10	7	15
New Covert Generating Project	Michigan	55297	003	158		4	11	9	13
Presque Isle	Michigan	1769	5	165	375	410	468	473	509
Presque Isle	Michigan	1769	6	175	333	456	449	406	498
Presque Isle	Michigan	1769	7	190	568	720	676	572	563
Presque Isle	Michigan	1769	8	208	673	574	540	507	582
Presque Isle	Michigan	1769	9	212	556	659	578	664	682
Renaissance Power	Michigan	55402	CT1	49	5	9	20	5	18
Renaissance Power	Michigan	55402	CT2	41	6	1	15	8	16
Renaissance Power	Michigan	55402	CT3	47	5	2	25	16	17
Renaissance Power	Michigan	55402	CT4	48	4	2	23	15	15
River Rouge	Michigan	1740	1		14	1	4		
River Rouge	Michigan	1740	2	481	691	726	555	528	663
River Rouge	Michigan	1740	3	543	930	969	1,041	1,032	1,412
Shiras	Michigan	1843	3	110	100	107	129	138	119
St. Clair	Michigan	1743	1	251	923	1,258	1,259	626	743
St. Clair	Michigan	1743	2	265	432	739	645	551	615
St. Clair	Michigan	1743	3	278	1,137	484	661	810	820
St. Clair	Michigan	1743	4	268	1,170	1,089	602	703	676
St. Clair	Michigan	1743	6	510	551	586	492	518	586
St. Clair	Michigan	1743	7	709	904	992	768	815	1,037
Sumpter Plant	Michigan	7972	1	10	2	0	3	2	2
Sumpter Plant	Michigan	7972	2	10	2	1	3	2	2
Sumpter Plant	Michigan	7972	3	10	2	1	3	2	2
Sumpter Plant	Michigan	7972	4	10	2	1	3	2	3

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns R - Y		
Monroe	Michigan	1733	3	937	596	775	3,573		
Monroe	Michigan	1733	4	797	941	964	6,133		
New Covert Generating Project	Michigan	55297	001	6	8	13	68		
New Covert Generating Project	Michigan	55297	002	5	8	14	185		
New Covert Generating Project	Michigan	55297	003	5	7	11	13		
Presque Isle	Michigan	1769	5	443	390	234	509		
Presque Isle	Michigan	1769	6	523	514	310	523		
Presque Isle	Michigan	1769	7	598	497	562	720		
Presque Isle	Michigan	1769	8	642	607	647	673		
Presque Isle	Michigan	1769	9	585	564	621	682		
Renaissance Power	Michigan	55402	CT1	15	6	16	20		
Renaissance Power	Michigan	55402	CT2	13	6	10	16		
Renaissance Power	Michigan	55402	CT3	13	6	16	25		
Renaissance Power	Michigan	55402	CT4	12	4	16	23		
River Rouge	Michigan	1740	1				14		
River Rouge	Michigan	1740	2	597	566	637	726		
River Rouge	Michigan	1740	3	1,370	1,382	1,545	1,545		
Shiras	Michigan	1843	3	129	103	98	138		
St. Clair	Michigan	1743	1	653	638	478	1,259		
St. Clair	Michigan	1743	2	741	767	821	821		
St. Clair	Michigan	1743	3	961	771	773	1,137		
St. Clair	Michigan	1743	4	650	582	670	1,170		
St. Clair	Michigan	1743	6	517	681	598	681		
St. Clair	Michigan	1743	7	1,080	563	983	1,080		
Sumpter Plant	Michigan	7972	1	1	0	2	3		
Sumpter Plant	Michigan	7972	2	2	0	2	3		
Sumpter Plant	Michigan	7972	3	1	0	2	3		
Sumpter Plant	Michigan	7972	4	1	0	2	3		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Monroe	Michigan	1733	3						
Monroe	Michigan	1733	4						
New Covert Generating Project	Michigan	55297	001						
New Covert Generating Project	Michigan	55297	002						
New Covert Generating Project	Michigan	55297	003						
Presque Isle	Michigan	1769	5						
Presque Isle	Michigan	1769	6						
Presque Isle	Michigan	1769	7						
Presque Isle	Michigan	1769	8						
Presque Isle	Michigan	1769	9						
Renaissance Power	Michigan	55402	CT1						
Renaissance Power	Michigan	55402	CT2						
Renaissance Power	Michigan	55402	CT3						
Renaissance Power	Michigan	55402	CT4						
River Rouge	Michigan	1740	1						
River Rouge	Michigan	1740	2						
River Rouge	Michigan	1740	3						
Shiras	Michigan	1843	3						
St. Clair	Michigan	1743	1						
St. Clair	Michigan	1743	2						
St. Clair	Michigan	1743	3						
St. Clair	Michigan	1743	4						
St. Clair	Michigan	1743	6						
St. Clair	Michigan	1743	7						
Sumpter Plant	Michigan	7972	1						
Sumpter Plant	Michigan	7972	2						
Sumpter Plant	Michigan	7972	3						
Sumpter Plant	Michigan	7972	4						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
Monroe	Michigan	1733	3	1,623	1,623	1,560	1,560
Monroe	Michigan	1733	4	1,537	1,537	1,478	1,478
New Covert Generating Project	Michigan	55297	001	68	68	68	68
New Covert Generating Project	Michigan	55297	002	185	185	185	185
New Covert Generating Project	Michigan	55297	003	13	13	13	13
Presque Isle	Michigan	1769	5	187	187	180	180
Presque Isle	Michigan	1769	6	199	199	191	191
Presque Isle	Michigan	1769	7	215	215	207	207
Presque Isle	Michigan	1769	8	235	235	226	226
Presque Isle	Michigan	1769	9	240	240	231	231
Renaissance Power	Michigan	55402	CT1	20	20	20	20
Renaissance Power	Michigan	55402	CT2	16	16	16	16
Renaissance Power	Michigan	55402	CT3	25	25	25	25
Renaissance Power	Michigan	55402	CT4	23	23	23	23
River Rouge	Michigan	1740	1				
River Rouge	Michigan	1740	2	546	546	524	524
River Rouge	Michigan	1740	3	616	616	592	592
Shiras	Michigan	1843	3	125	125	120	120
St. Clair	Michigan	1743	1	284	284	273	273
St. Clair	Michigan	1743	2	300	300	288	288
St. Clair	Michigan	1743	3	315	315	303	303
St. Clair	Michigan	1743	4	303	303	291	291
St. Clair	Michigan	1743	6	578	578	555	555
St. Clair	Michigan	1743	7	803	803	772	772
Sumpter Plant	Michigan	7972	1	3	3	3	3
Sumpter Plant	Michigan	7972	2	3	3	3	3
Sumpter Plant	Michigan	7972	3	3	3	3	3
Sumpter Plant	Michigan	7972	4	3	3	3	3

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
Monroe	Michigan	1733	3	1,560	1,560	1,560	1,560	Y
Monroe	Michigan	1733	4	1,478	1,478	1,478	1,478	Y
New Covert Generating Project	Michigan	55297	001	68	68	68	68	Y
New Covert Generating Project	Michigan	55297	002	185	185	185	185	Y
New Covert Generating Project	Michigan	55297	003	13	13	13	13	Y
Presque Isle	Michigan	1769	5	180	180	180	180	Y
Presque Isle	Michigan	1769	6	191	191	191	191	Y
Presque Isle	Michigan	1769	7	207	207	207	207	Y
Presque Isle	Michigan	1769	8	226	226	226	226	Y
Presque Isle	Michigan	1769	9	231	231	231	231	Y
Renaissance Power	Michigan	55402	CT1	20	20	20	20	Y
Renaissance Power	Michigan	55402	CT2	16	16	16	16	Y
Renaissance Power	Michigan	55402	CT3	25	25	25	25	Y
Renaissance Power	Michigan	55402	CT4	23	23	23	23	Y
River Rouge	Michigan	1740	1					Y
River Rouge	Michigan	1740	2	524	524	524	524	Y
River Rouge	Michigan	1740	3	592	592	592	592	Y
Shiras	Michigan	1843	3	120	120	120	120	Y
St. Clair	Michigan	1743	1	273	273	273	273	Y
St. Clair	Michigan	1743	2	288	288	288	288	Y
St. Clair	Michigan	1743	3	303	303	303	303	Y
St. Clair	Michigan	1743	4	291	291	291	291	Y
St. Clair	Michigan	1743	6	555	555	555	555	Y
St. Clair	Michigan	1743	7	772	772	772	772	Y
Sumpter Plant	Michigan	7972	1	3	3	3	3	Y
Sumpter Plant	Michigan	7972	2	3	3	3	3	Y
Sumpter Plant	Michigan	7972	3	3	3	3	3	Y
Sumpter Plant	Michigan	7972	4	3	3	3	3	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Monroe	Michigan	1733	3	Y		Y		
Monroe	Michigan	1733	4	Y		Y		
New Covert Generating Project	Michigan	55297	001	Y		Y		
New Covert Generating Project	Michigan	55297	002	Y		Y		
New Covert Generating Project	Michigan	55297	003	Y		Y		
Presque Isle	Michigan	1769	5	Y		Y		
Presque Isle	Michigan	1769	6	Y		Y		
Presque Isle	Michigan	1769	7	Y		Y		
Presque Isle	Michigan	1769	8	Y		Y		
Presque Isle	Michigan	1769	9	Y		Y		
Renaissance Power	Michigan	55402	CT1	Y		Y		
Renaissance Power	Michigan	55402	CT2	Y		Y		
Renaissance Power	Michigan	55402	CT3	Y		Y		
Renaissance Power	Michigan	55402	CT4	Y		Y		
River Rouge	Michigan	1740	1	Y		Y		
River Rouge	Michigan	1740	2	Y		Y		
River Rouge	Michigan	1740	3	Y		Y		
Shiras	Michigan	1843	3	Y		Y		
St. Clair	Michigan	1743	1	Y		Y		
St. Clair	Michigan	1743	2	Y		Y		
St. Clair	Michigan	1743	3	Y		Y		
St. Clair	Michigan	1743	4	Y		Y		
St. Clair	Michigan	1743	6	Y		Y		
St. Clair	Michigan	1743	7	Y		Y		
Sumpter Plant	Michigan	7972	1	Y		Y		
Sumpter Plant	Michigan	7972	2	Y		Y		
Sumpter Plant	Michigan	7972	3	Y		Y		
Sumpter Plant	Michigan	7972	4	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
TES Filer City Station	Michigan	50835	1	90183			1,412,261	1,412,871	1,428,677
TES Filer City Station	Michigan	50835	2	90184			1,432,994	1,422,131	1,396,325
Thetford	Michigan	1719	1	88431	20,659	22,058	35,931	3,466	1,911
Thetford	Michigan	1719	2	88432	16,692	13,783	9,906	2,922	1,335
Thetford	Michigan	1719	3	88433	17,170	25,517	7,052	3,257	4,788
Thetford	Michigan	1719	4	88434	11,635	7,717	20,259	3,875	6,873
Trenton Channel	Michigan	1745	16	1196	1,758,887	1,673,867	1,515,634	1,317,534	1,079,088
Trenton Channel	Michigan	1745	17	1197	1,703,585	1,738,077	1,471,039	1,442,171	1,403,321
Trenton Channel	Michigan	1745	18	1198	1,623,370	1,682,483	1,398,142	1,249,187	1,334,994
Trenton Channel	Michigan	1745	19	1199	1,640,500	1,574,459	1,214,255	1,311,949	1,421,328
Trenton Channel	Michigan	1745	9A	1200	12,707,209	11,611,213	11,608,181	12,710,612	13,062,969
Wyandotte	Michigan	1866	5	1223				11,276	15,031
Wyandotte	Michigan	1866	7	1224	1,451,191	1,343,559	1,174,128	798,314	834,810
Wyandotte	Michigan	1866	8	1225	943,790	893,919	872,586	741,372	565,782
Zeeland Generating Station	Michigan	55087	CC1	3865	325,345	519,377	755,046	243,166	954,206
Zeeland Generating Station	Michigan	55087	CC2	3866	312,129	502,024	666,840	215,956	1,015,049
Zeeland Generating Station	Michigan	55087	CC3	3867	778,048	2,266,343	1,159,059	310,085	2,055,560
Zeeland Generating Station	Michigan	55087	CC4	3868	785,594	2,349,143	1,154,808	315,683	2,081,876
Asbury	Missouri	2076	1	1311	6,810,573	6,762,328	7,207,295	6,278,805	5,730,336
Audrain Power Plant	Missouri	55234	CT1	4258	69,118	81,425	55,410	36,015	80,527
Audrain Power Plant	Missouri	55234	CT2	4259	69,247	67,892	53,010	35,324	82,292
Audrain Power Plant	Missouri	55234	CT3	4260	67,991	72,085	45,701	36,800	96,433
Audrain Power Plant	Missouri	55234	CT4	4261	55,195	55,748	49,707	33,251	89,269
Audrain Power Plant	Missouri	55234	CT5	4262	55,388	53,380	23,266	27,885	78,114
Audrain Power Plant	Missouri	55234	CT6	4263	51,377	44,870	25,755	27,343	68,454
Audrain Power Plant	Missouri	55234	CT7	4264	43,124	35,958	15,719	24,738	50,040
Audrain Power Plant	Missouri	55234	CT8	4265	47,018	38,348	31,874	22,699	44,722
Blue Valley	Missouri	2132	3	1342	1,391,844	1,072,337	959,151	223,515	338,677

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
TES Filer City Station	Michigan	50835	1	1,417,936	405,725,128	0.003495	27,480	26,476	96
TES Filer City Station	Michigan	50835	2	1,417,150	405,725,128	0.003493	27,480	26,476	96
Thetford	Michigan	1719	1	26,216	405,725,128	0.000065	27,480	26,476	2
Thetford	Michigan	1719	2	13,460	405,725,128	0.000033	27,480	26,476	1
Thetford	Michigan	1719	3	16,580	405,725,128	0.000041	27,480	26,476	1
Thetford	Michigan	1719	4	13,204	405,725,128	0.000033	27,480	26,476	1
Trenton Channel	Michigan	1745	16	1,649,463	405,725,128	0.004065	27,480	26,476	112
Trenton Channel	Michigan	1745	17	1,637,567	405,725,128	0.004036	27,480	26,476	111
Trenton Channel	Michigan	1745	18	1,567,998	405,725,128	0.003865	27,480	26,476	106
Trenton Channel	Michigan	1745	19	1,545,429	405,725,128	0.003809	27,480	26,476	105
Trenton Channel	Michigan	1745	9A	12,826,930	405,725,128	0.031615	27,480	26,476	869
Wyandotte	Michigan	1866	5	13,154	405,725,128	0.000032	27,480	26,476	1
Wyandotte	Michigan	1866	7	1,322,959	405,725,128	0.003261	27,480	26,476	90
Wyandotte	Michigan	1866	8	903,432	405,725,128	0.002227	27,480	26,476	61
Zeeland Generating Station	Michigan	55087	CC1	742,876	405,725,128	0.001831	27,480	26,476	50
Zeeland Generating Station	Michigan	55087	CC2	727,971	405,725,128	0.001794	27,480	26,476	49
Zeeland Generating Station	Michigan	55087	CC3	1,826,987	405,725,128	0.004503	27,480	26,476	124
Zeeland Generating Station	Michigan	55087	CC4	1,861,943	405,725,128	0.004589	27,480	26,476	126
Asbury	Missouri	2076	1	6,926,732	372,941,836	0.018573	22,079	20,441	410
Audrain Power Plant	Missouri	55234	CT1	77,023	372,941,836	0.000207	22,079	20,441	5
Audrain Power Plant	Missouri	55234	CT2	73,144	372,941,836	0.000196	22,079	20,441	4
Audrain Power Plant	Missouri	55234	CT3	78,837	372,941,836	0.000211	22,079	20,441	5
Audrain Power Plant	Missouri	55234	CT4	66,737	372,941,836	0.000179	22,079	20,441	4
Audrain Power Plant	Missouri	55234	CT5	62,294	372,941,836	0.000167	22,079	20,441	4
Audrain Power Plant	Missouri	55234	CT6	54,900	372,941,836	0.000147	22,079	20,441	3
Audrain Power Plant	Missouri	55234	CT7	43,041	372,941,836	0.000115	22,079	20,441	3
Audrain Power Plant	Missouri	55234	CT8	43,363	372,941,836	0.000116	22,079	20,441	3
Blue Valley	Missouri	2132	3	1,141,111	372,941,836	0.003060	22,079	20,441	68

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
TES Filer City Station	Michigan	50835	1	93					
TES Filer City Station	Michigan	50835	2	92					
Thetford	Michigan	1719	1	2	1	1	17	5	5
Thetford	Michigan	1719	2	1	1	2	19	4	3
Thetford	Michigan	1719	3	1	1	1	20	4	6
Thetford	Michigan	1719	4	1	1	1	21	3	2
Trenton Channel	Michigan	1745	16	108	339	449	346	367	352
Trenton Channel	Michigan	1745	17	107	360	417	333	360	364
Trenton Channel	Michigan	1745	18	102	289	422	333	341	352
Trenton Channel	Michigan	1745	19	101	324	398	337	345	334
Trenton Channel	Michigan	1745	9A	837	1,121	1,025	1,104	1,210	1,049
Wyandotte	Michigan	1866	5	1					
Wyandotte	Michigan	1866	7	86	180	189	201	243	255
Wyandotte	Michigan	1866	8	59	44	58	57	55	32
Zeeland Generating Station	Michigan	55087	CC1	48	1		6	5	8
Zeeland Generating Station	Michigan	55087	CC2	48	1	1	3	6	8
Zeeland Generating Station	Michigan	55087	CC3	119	7	10	24	11	21
Zeeland Generating Station	Michigan	55087	CC4	122	6	8	20	10	23
Asbury	Missouri	2076	1	380	2,095	2,240	1,922	2,218	2,135
Audrain Power Plant	Missouri	55234	CT1	4			1	1	1
Audrain Power Plant	Missouri	55234	CT2	4			1	1	1
Audrain Power Plant	Missouri	55234	CT3	4			1	1	1
Audrain Power Plant	Missouri	55234	CT4	4			1	1	1
Audrain Power Plant	Missouri	55234	CT5	3			0	1	1
Audrain Power Plant	Missouri	55234	CT6	3			0	1	1
Audrain Power Plant	Missouri	55234	CT7	2			0	0	0
Audrain Power Plant	Missouri	55234	CT8	2			0	1	0
Blue Valley	Missouri	2132	3	63	202	183	148	215	163

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
TES Filer City Station	Michigan	50835	1	265	295	322	322		
TES Filer City Station	Michigan	50835	2	254	263	270	270		
Thetford	Michigan	1719	1	8	1	0	17		
Thetford	Michigan	1719	2	2	1	0	19		
Thetford	Michigan	1719	3	2	1	1	20		
Thetford	Michigan	1719	4	5	1	2	21		
Trenton Channel	Michigan	1745	16	342	303	275	449		
Trenton Channel	Michigan	1745	17	339	328	354	417		
Trenton Channel	Michigan	1745	18	320	280	337	422		
Trenton Channel	Michigan	1745	19	282	296	355	398		
Trenton Channel	Michigan	1745	9A	1,049	1,180	1,317	1,317		
Wyandotte	Michigan	1866	5		0	0	0		
Wyandotte	Michigan	1866	7	220	129	103	255		
Wyandotte	Michigan	1866	8	69	78	60	78		
Zeeland Generating Station	Michigan	55087	CC1	12	4	16	16		
Zeeland Generating Station	Michigan	55087	CC2	10	3	18	18		
Zeeland Generating Station	Michigan	55087	CC3	13	5	19	24		
Zeeland Generating Station	Michigan	55087	CC4	15	4	18	23		
Asbury	Missouri	2076	1	2,308	282	461	2,308		
Audrain Power Plant	Missouri	55234	CT1	1	1	1	1		
Audrain Power Plant	Missouri	55234	CT2	1	1	1	1		
Audrain Power Plant	Missouri	55234	CT3	1	1	1	1		
Audrain Power Plant	Missouri	55234	CT4	1	1	1	1		
Audrain Power Plant	Missouri	55234	CT5	0	0	1	1		
Audrain Power Plant	Missouri	55234	CT6	0	0	1	1		
Audrain Power Plant	Missouri	55234	CT7	0	0	1	1		
Audrain Power Plant	Missouri	55234	CT8	0	0	1	1		
Blue Valley	Missouri	2132	3	148	29	36	215		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
TES Filer City Station	Michigan	50835	1						
TES Filer City Station	Michigan	50835	2						
Thetford	Michigan	1719	1						
Thetford	Michigan	1719	2						
Thetford	Michigan	1719	3						
Thetford	Michigan	1719	4						
Trenton Channel	Michigan	1745	16						
Trenton Channel	Michigan	1745	17						
Trenton Channel	Michigan	1745	18						
Trenton Channel	Michigan	1745	19						
Trenton Channel	Michigan	1745	9A						
Wyandotte	Michigan	1866	5						
Wyandotte	Michigan	1866	7						
Wyandotte	Michigan	1866	8						
Zeeland Generating Station	Michigan	55087	CC1						
Zeeland Generating Station	Michigan	55087	CC2						
Zeeland Generating Station	Michigan	55087	CC3						
Zeeland Generating Station	Michigan	55087	CC4						
Asbury	Missouri	2076	1						
Audrain Power Plant	Missouri	55234	CT1						
Audrain Power Plant	Missouri	55234	CT2						
Audrain Power Plant	Missouri	55234	CT3						
Audrain Power Plant	Missouri	55234	CT4						
Audrain Power Plant	Missouri	55234	CT5						
Audrain Power Plant	Missouri	55234	CT6						
Audrain Power Plant	Missouri	55234	CT7						
Audrain Power Plant	Missouri	55234	CT8						
Blue Valley	Missouri	2132	3						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
TES Filer City Station	Michigan	50835	1	105	105	101	101
TES Filer City Station	Michigan	50835	2	105	105	101	101
Thetford	Michigan	1719	1	2	2	2	2
Thetford	Michigan	1719	2	1	1	1	1
Thetford	Michigan	1719	3	1	1	1	1
Thetford	Michigan	1719	4	1	1	1	1
Trenton Channel	Michigan	1745	16	122	122	117	117
Trenton Channel	Michigan	1745	17	121	121	116	116
Trenton Channel	Michigan	1745	18	116	116	111	111
Trenton Channel	Michigan	1745	19	114	114	110	110
Trenton Channel	Michigan	1745	9A	949	949	912	912
Wyandotte	Michigan	1866	5	0	0	0	0
Wyandotte	Michigan	1866	7	98	98	94	94
Wyandotte	Michigan	1866	8	67	67	64	64
Zeeland Generating Station	Michigan	55087	CC1	16	16	16	16
Zeeland Generating Station	Michigan	55087	CC2	18	18	18	18
Zeeland Generating Station	Michigan	55087	CC3	24	24	24	24
Zeeland Generating Station	Michigan	55087	CC4	23	23	23	23
Asbury	Missouri	2076	1	465	465	413	413
Audrain Power Plant	Missouri	55234	CT1	1	1	1	1
Audrain Power Plant	Missouri	55234	CT2	1	1	1	1
Audrain Power Plant	Missouri	55234	CT3	1	1	1	1
Audrain Power Plant	Missouri	55234	CT4	1	1	1	1
Audrain Power Plant	Missouri	55234	CT5	1	1	1	1
Audrain Power Plant	Missouri	55234	CT6	1	1	1	1
Audrain Power Plant	Missouri	55234	CT7	1	1	1	1
Audrain Power Plant	Missouri	55234	CT8	1	1	1	1
Blue Valley	Missouri	2132	3	77	77	68	68

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
TES Filer City Station	Michigan	50835	1	101	101	101	101	Y
TES Filer City Station	Michigan	50835	2	101	101	101	101	Y
Thetford	Michigan	1719	1	2	2	2	2	Y
Thetford	Michigan	1719	2	1	1	1	1	Y
Thetford	Michigan	1719	3	1	1	1	1	Y
Thetford	Michigan	1719	4	1	1	1	1	Y
Trenton Channel	Michigan	1745	16	117	117	117	117	Y
Trenton Channel	Michigan	1745	17	116	116	116	116	Y
Trenton Channel	Michigan	1745	18	111	111	111	111	Y
Trenton Channel	Michigan	1745	19	110	110	110	110	Y
Trenton Channel	Michigan	1745	9A	912	912	912	912	Y
Wyandotte	Michigan	1866	5	0	0	0	0	Y
Wyandotte	Michigan	1866	7	94	94	94	94	Y
Wyandotte	Michigan	1866	8	64	64	64	64	Y
Zeeland Generating Station	Michigan	55087	CC1	16	16	16	16	Y
Zeeland Generating Station	Michigan	55087	CC2	18	18	18	18	Y
Zeeland Generating Station	Michigan	55087	CC3	24	24	24	24	Y
Zeeland Generating Station	Michigan	55087	CC4	23	23	23	23	Y
Asbury	Missouri	2076	1	413	413	413	413	Y
Audrain Power Plant	Missouri	55234	CT1	1	1	1	1	Y
Audrain Power Plant	Missouri	55234	CT2	1	1	1	1	Y
Audrain Power Plant	Missouri	55234	CT3	1	1	1	1	Y
Audrain Power Plant	Missouri	55234	CT4	1	1	1	1	Y
Audrain Power Plant	Missouri	55234	CT5	1	1	1	1	Y
Audrain Power Plant	Missouri	55234	CT6	1	1	1	1	Y
Audrain Power Plant	Missouri	55234	CT7	1	1	1	1	Y
Audrain Power Plant	Missouri	55234	CT8	1	1	1	1	Y
Blue Valley	Missouri	2132	3	68	68	68	68	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
TES Filer City Station	Michigan	50835	1	Y		Y		
TES Filer City Station	Michigan	50835	2	Y		Y		
Thetford	Michigan	1719	1	Y		Y		
Thetford	Michigan	1719	2	Y		Y		
Thetford	Michigan	1719	3	Y		Y		
Thetford	Michigan	1719	4	Y		Y		
Trenton Channel	Michigan	1745	16	Y		Y		
Trenton Channel	Michigan	1745	17	Y		Y		
Trenton Channel	Michigan	1745	18	Y		Y		
Trenton Channel	Michigan	1745	19	Y		Y		
Trenton Channel	Michigan	1745	9A	Y		Y		
Wyandotte	Michigan	1866	5	Y		Y		
Wyandotte	Michigan	1866	7	Y		Y		
Wyandotte	Michigan	1866	8	Y		Y		
Zeeland Generating Station	Michigan	55087	CC1	Y		Y		
Zeeland Generating Station	Michigan	55087	CC2	Y		Y		
Zeeland Generating Station	Michigan	55087	CC3	Y		Y		
Zeeland Generating Station	Michigan	55087	CC4	Y		Y		
Asbury	Missouri	2076	1	Y		Y		
Audrain Power Plant	Missouri	55234	CT1	Y		Y		
Audrain Power Plant	Missouri	55234	CT2	Y		Y		
Audrain Power Plant	Missouri	55234	CT3	Y		Y		
Audrain Power Plant	Missouri	55234	CT4	Y		Y		
Audrain Power Plant	Missouri	55234	CT5	Y		Y		
Audrain Power Plant	Missouri	55234	CT6	Y		Y		
Audrain Power Plant	Missouri	55234	CT7	Y		Y		
Audrain Power Plant	Missouri	55234	CT8	Y		Y		
Blue Valley	Missouri	2132	3	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Chamois Power Plant	Missouri	2169	2	1362	1,702,007	1,952,626	1,681,140	1,420,532	1,687,134
Chillicothe	Missouri	2122	GT1A	90005			1,317	743	1,853
Chillicothe	Missouri	2122	GT1B	90226			1,202	850	1,869
Chillicothe	Missouri	2122	GT2A	90006				488	1,310
Chillicothe	Missouri	2122	GT2B	90227			117	488	1,294
Columbia	Missouri	2123	6	1339	275,921	342,144	340,086	177,820	3,169
Columbia	Missouri	2123	7	1340	470,414	393,659	383,027	482,812	378,722
Columbia	Missouri	2123	8	1341			1,313		2,688
Columbia Energy Center (MO)	Missouri	55447	CT01	4780	58,611	32,274	7,372	9,097	14,757
Columbia Energy Center (MO)	Missouri	55447	CT02	4781	63,735	36,154	6,392	2,138	7,783
Columbia Energy Center (MO)	Missouri	55447	CT03	4782	54,780	23,826	2,432	2,037	11,994
Columbia Energy Center (MO)	Missouri	55447	CT04	4783	33,918	29,984	4,830	5,818	9,402
Dogwood Energy Facility	Missouri	55178	CT-1	4069	494,211	2,772,398	1,844,006	1,722,977	2,785,776
Dogwood Energy Facility	Missouri	55178	CT-2	4070	630,582	2,348,759	2,015,653	1,848,516	2,581,461
Empire District Elec Co Energy Ctr	Missouri	6223	1	89857			5,396		19,504
Empire District Elec Co Energy Ctr	Missouri	6223	2	89858			11,753	12,288	51,626
Empire District Elec Co Energy Ctr	Missouri	6223	3A	9179	92,414	102,772	104,398	152,349	119,728
Empire District Elec Co Energy Ctr	Missouri	6223	3B	9180	121,749	26,609	124,953	123,158	124,269
Empire District Elec Co Energy Ctr	Missouri	6223	4A	9181	133,784	133,040	132,071	157,381	143,229
Empire District Elec Co Energy Ctr	Missouri	6223	4B	9182	136,473	131,507	150,661	167,533	145,145
Essex Power Plant	Missouri	7749	1	3152	208,899	114,395	5,785	14,251	64,931
Fairgrounds	Missouri	2082	CT01	90097			820	160	2,753
Greenwood Energy Center	Missouri	6074	1	90007			28,161	32,219	58,586
Greenwood Energy Center	Missouri	6074	2	90008			33,597	14,657	55,751
Greenwood Energy Center	Missouri	6074	3	90009			17,834	14,701	112,687
Greenwood Energy Center	Missouri	6074	4	90010			19,058	65,894	78,451
Hawthorn	Missouri	2079	5A	1315	17,641,777	18,841,674	18,063,383	19,070,178	19,196,335
Hawthorn	Missouri	2079	6	1316	7,791	3,643	21,061	10,855	

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Chamois Power Plant	Missouri	2169	2	1,780,589	372,941,836	0.004774	22,079	20,441	105
Chillicothe	Missouri	2122	GT1A	1,304	372,941,836	0.000003	22,079	20,441	0
Chillicothe	Missouri	2122	GT1B	1,307	372,941,836	0.000004	22,079	20,441	0
Chillicothe	Missouri	2122	GT2A	899	372,941,836	0.000002	22,079	20,441	0
Chillicothe	Missouri	2122	GT2B	633	372,941,836	0.000002	22,079	20,441	0
Columbia	Missouri	2123	6	319,384	372,941,836	0.000856	22,079	20,441	19
Columbia	Missouri	2123	7	448,962	372,941,836	0.001204	22,079	20,441	27
Columbia	Missouri	2123	8	2,000	372,941,836	0.000005	22,079	20,441	0
Columbia Energy Center (MO)	Missouri	55447	CT01	35,214	372,941,836	0.000094	22,079	20,441	2
Columbia Energy Center (MO)	Missouri	55447	CT02	35,891	372,941,836	0.000096	22,079	20,441	2
Columbia Energy Center (MO)	Missouri	55447	CT03	30,200	372,941,836	0.000081	22,079	20,441	2
Columbia Energy Center (MO)	Missouri	55447	CT04	24,435	372,941,836	0.000066	22,079	20,441	1
Dogwood Energy Facility	Missouri	55178	CT-1	2,467,393	372,941,836	0.006616	22,079	20,441	146
Dogwood Energy Facility	Missouri	55178	CT-2	2,315,291	372,941,836	0.006208	22,079	20,441	137
Empire District Elec Co Energy Ctr	Missouri	6223	1	12,450	372,941,836	0.000033	22,079	20,441	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	25,222	372,941,836	0.000068	22,079	20,441	1
Empire District Elec Co Energy Ctr	Missouri	6223	3A	125,491	372,941,836	0.000336	22,079	20,441	7
Empire District Elec Co Energy Ctr	Missouri	6223	3B	124,127	372,941,836	0.000333	22,079	20,441	7
Empire District Elec Co Energy Ctr	Missouri	6223	4A	144,798	372,941,836	0.000388	22,079	20,441	9
Empire District Elec Co Energy Ctr	Missouri	6223	4B	154,446	372,941,836	0.000414	22,079	20,441	9
Essex Power Plant	Missouri	7749	1	129,408	372,941,836	0.000347	22,079	20,441	8
Fairgrounds	Missouri	2082	CT01	1,244	372,941,836	0.000003	22,079	20,441	0
Greenwood Energy Center	Missouri	6074	1	39,655	372,941,836	0.000106	22,079	20,441	2
Greenwood Energy Center	Missouri	6074	2	34,668	372,941,836	0.000093	22,079	20,441	2
Greenwood Energy Center	Missouri	6074	3	48,407	372,941,836	0.000130	22,079	20,441	3
Greenwood Energy Center	Missouri	6074	4	54,468	372,941,836	0.000146	22,079	20,441	3
Hawthorn	Missouri	2079	5A	19,036,062	372,941,836	0.051043	22,079	20,441	1,127
Hawthorn	Missouri	2079	6	13,236	372,941,836	0.000035	22,079	20,441	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Chamois Power Plant	Missouri	2169	2	98	659	647	614	649	781
Chillicothe	Missouri	2122	GT1A	0					
Chillicothe	Missouri	2122	GT1B	0					
Chillicothe	Missouri	2122	GT2A	0					
Chillicothe	Missouri	2122	GT2B	0					
Columbia	Missouri	2123	6	18	73	78	52	75	90
Columbia	Missouri	2123	7	25	95	65	105	129	106
Columbia	Missouri	2123	8	0	0				
Columbia Energy Center (MO)	Missouri	55447	CT01	2	1	0	0	1	1
Columbia Energy Center (MO)	Missouri	55447	CT02	2	0	0	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT03	2	0	0	0	1	0
Columbia Energy Center (MO)	Missouri	55447	CT04	1	0	0	0	0	0
Dogwood Energy Facility	Missouri	55178	CT-1	135	18	23	7	4	21
Dogwood Energy Facility	Missouri	55178	CT-2	127	16	16	6	6	18
Empire District Elec Co Energy Ctr	Missouri	6223	1	1					
Empire District Elec Co Energy Ctr	Missouri	6223	2	1					
Empire District Elec Co Energy Ctr	Missouri	6223	3A	7	3	2	6	4	4
Empire District Elec Co Energy Ctr	Missouri	6223	3B	7	3	2	6	5	1
Empire District Elec Co Energy Ctr	Missouri	6223	4A	8	3	2	5	6	5
Empire District Elec Co Energy Ctr	Missouri	6223	4B	8	4	3	5	5	5
Essex Power Plant	Missouri	7749	1	7	2	1	2	8	5
Fairgrounds	Missouri	2082	CT01	0					
Greenwood Energy Center	Missouri	6074	1	2					
Greenwood Energy Center	Missouri	6074	2	2					
Greenwood Energy Center	Missouri	6074	3	3					
Greenwood Energy Center	Missouri	6074	4	3					
Hawthorn	Missouri	2079	5A	1,043	1,082	695	500	638	674
Hawthorn	Missouri	2079	6	1	0	0	3	0	0

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns R - Y		
Chamois Power Plant	Missouri	2169	2	696	667	711	781		
Chillicothe	Missouri	2122	GT1A	0	0	1	1		
Chillicothe	Missouri	2122	GT1B	0	0	1	1		
Chillicothe	Missouri	2122	GT2A		0	1	1		
Chillicothe	Missouri	2122	GT2B	0	0	1	1		
Columbia	Missouri	2123	6	92	47	1	92		
Columbia	Missouri	2123	7	104	122	83	129		
Columbia	Missouri	2123	8	0		1	1		
Columbia Energy Center (MO)	Missouri	55447	CT01	0	0	0	1		
Columbia Energy Center (MO)	Missouri	55447	CT02	0	0	0	1		
Columbia Energy Center (MO)	Missouri	55447	CT03	0	0	0	1		
Columbia Energy Center (MO)	Missouri	55447	CT04	0	0	0	0		
Dogwood Energy Facility	Missouri	55178	CT-1	13	10	20	23		
Dogwood Energy Facility	Missouri	55178	CT-2	15	11	18	18		
Empire District Elec Co Energy Ctr	Missouri	6223	1	0		4	4		
Empire District Elec Co Energy Ctr	Missouri	6223	2	1	1	5	5		
Empire District Elec Co Energy Ctr	Missouri	6223	3A	4	6	5	6		
Empire District Elec Co Energy Ctr	Missouri	6223	3B	5	4	5	6		
Empire District Elec Co Energy Ctr	Missouri	6223	4A	5	6	5	6		
Empire District Elec Co Energy Ctr	Missouri	6223	4B	6	6	6	6		
Essex Power Plant	Missouri	7749	1	0	1	3	8		
Fairgrounds	Missouri	2082	CT01	0	0	2	2		
Greenwood Energy Center	Missouri	6074	1	4	4	4	4		
Greenwood Energy Center	Missouri	6074	2	4	2	4	4		
Greenwood Energy Center	Missouri	6074	3	2	2	10	10		
Greenwood Energy Center	Missouri	6074	4	3	8	7	8		
Hawthorn	Missouri	2079	5A	681	694	697	1,082		
Hawthorn	Missouri	2079	6	3	1		3		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Chamois Power Plant	Missouri	2169	2						
Chillicothe	Missouri	2122	GT1A						
Chillicothe	Missouri	2122	GT1B						
Chillicothe	Missouri	2122	GT2A						
Chillicothe	Missouri	2122	GT2B						
Columbia	Missouri	2123	6						
Columbia	Missouri	2123	7						
Columbia	Missouri	2123	8						
Columbia Energy Center (MO)	Missouri	55447	CT01						
Columbia Energy Center (MO)	Missouri	55447	CT02						
Columbia Energy Center (MO)	Missouri	55447	CT03						
Columbia Energy Center (MO)	Missouri	55447	CT04						
Dogwood Energy Facility	Missouri	55178	CT-1						
Dogwood Energy Facility	Missouri	55178	CT-2						
Empire District Elec Co Energy Ctr	Missouri	6223	1						
Empire District Elec Co Energy Ctr	Missouri	6223	2						
Empire District Elec Co Energy Ctr	Missouri	6223	3A						
Empire District Elec Co Energy Ctr	Missouri	6223	3B						
Empire District Elec Co Energy Ctr	Missouri	6223	4A						
Empire District Elec Co Energy Ctr	Missouri	6223	4B						
Essex Power Plant	Missouri	7749	1						
Fairgrounds	Missouri	2082	CT01						
Greenwood Energy Center	Missouri	6074	1						
Greenwood Energy Center	Missouri	6074	2						
Greenwood Energy Center	Missouri	6074	3						
Greenwood Energy Center	Missouri	6074	4						
Hawthorn	Missouri	2079	5A						
Hawthorn	Missouri	2079	6						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
Chamois Power Plant	Missouri	2169	2	120	120	106	106
Chillicothe	Missouri	2122	GT1A	0	0	0	0
Chillicothe	Missouri	2122	GT1B	0	0	0	0
Chillicothe	Missouri	2122	GT2A	0	0	0	0
Chillicothe	Missouri	2122	GT2B	0	0	0	0
Columbia	Missouri	2123	6	21	21	19	19
Columbia	Missouri	2123	7	30	30	27	27
Columbia	Missouri	2123	8	0	0	0	0
Columbia Energy Center (MO)	Missouri	55447	CT01	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT02	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT03	1	1	1	1
Columbia Energy Center (MO)	Missouri	55447	CT04	0	0	0	0
Dogwood Energy Facility	Missouri	55178	CT-1	23	23	23	23
Dogwood Energy Facility	Missouri	55178	CT-2	18	18	18	18
Empire District Elec Co Energy Ctr	Missouri	6223	1	1	1	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	2	2	2	2
Empire District Elec Co Energy Ctr	Missouri	6223	3A	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	3B	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4A	6	6	6	6
Empire District Elec Co Energy Ctr	Missouri	6223	4B	6	6	6	6
Essex Power Plant	Missouri	7749	1	8	8	8	8
Fairgrounds	Missouri	2082	CT01	0	0	0	0
Greenwood Energy Center	Missouri	6074	1	3	3	2	2
Greenwood Energy Center	Missouri	6074	2	2	2	2	2
Greenwood Energy Center	Missouri	6074	3	3	3	3	3
Greenwood Energy Center	Missouri	6074	4	4	4	3	3
Hawthorn	Missouri	2079	5A	1,082	1,082	1,082	1,082
Hawthorn	Missouri	2079	6	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE))	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF))	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG))	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH))	
Chamois Power Plant	Missouri	2169	2	106	106	106	106	Y
Chillicothe	Missouri	2122	GT1A	0	0	0	0	Y
Chillicothe	Missouri	2122	GT1B	0	0	0	0	Y
Chillicothe	Missouri	2122	GT2A	0	0	0	0	Y
Chillicothe	Missouri	2122	GT2B	0	0	0	0	Y
Columbia	Missouri	2123	6	19	19	19	19	Y
Columbia	Missouri	2123	7	27	27	27	27	Y
Columbia	Missouri	2123	8	0	0	0	0	Y
Columbia Energy Center (MO)	Missouri	55447	CT01	1	1	1	1	Y
Columbia Energy Center (MO)	Missouri	55447	CT02	1	1	1	1	Y
Columbia Energy Center (MO)	Missouri	55447	CT03	1	1	1	1	Y
Columbia Energy Center (MO)	Missouri	55447	CT04	0	0	0	0	Y
Dogwood Energy Facility	Missouri	55178	CT-1	23	23	23	23	Y
Dogwood Energy Facility	Missouri	55178	CT-2	18	18	18	18	Y
Empire District Elec Co Energy Ctr	Missouri	6223	1	1	1	1	1	Y
Empire District Elec Co Energy Ctr	Missouri	6223	2	2	2	2	2	Y
Empire District Elec Co Energy Ctr	Missouri	6223	3A	6	6	6	6	Y
Empire District Elec Co Energy Ctr	Missouri	6223	3B	6	6	6	6	Y
Empire District Elec Co Energy Ctr	Missouri	6223	4A	6	6	6	6	Y
Empire District Elec Co Energy Ctr	Missouri	6223	4B	6	6	6	6	Y
Essex Power Plant	Missouri	7749	1	8	8	8	8	Y
Fairgrounds	Missouri	2082	CT01	0	0	0	0	Y
Greenwood Energy Center	Missouri	6074	1	2	2	2	2	Y
Greenwood Energy Center	Missouri	6074	2	2	2	2	2	Y
Greenwood Energy Center	Missouri	6074	3	3	3	3	3	Y
Greenwood Energy Center	Missouri	6074	4	3	3	3	3	Y
Hawthorn	Missouri	2079	5A	1,082	1,082	1,082	1,082	Y
Hawthorn	Missouri	2079	6	1	1	1	1	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Chamois Power Plant	Missouri	2169	2	Y		Y		
Chillicothe	Missouri	2122	GT1A	Y		Y		
Chillicothe	Missouri	2122	GT1B	Y		Y		
Chillicothe	Missouri	2122	GT2A	Y		Y		
Chillicothe	Missouri	2122	GT2B	Y		Y		
Columbia	Missouri	2123	6	Y		Y		
Columbia	Missouri	2123	7	Y		Y		
Columbia	Missouri	2123	8	Y		Y		
Columbia Energy Center (MO)	Missouri	55447	CT01	Y		Y		
Columbia Energy Center (MO)	Missouri	55447	CT02	Y		Y		
Columbia Energy Center (MO)	Missouri	55447	CT03	Y		Y		
Columbia Energy Center (MO)	Missouri	55447	CT04	Y		Y		
Dogwood Energy Facility	Missouri	55178	CT-1	Y		Y		
Dogwood Energy Facility	Missouri	55178	CT-2	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	1	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	2	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	3A	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	3B	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	4A	Y		Y		
Empire District Elec Co Energy Ctr	Missouri	6223	4B	Y		Y		
Essex Power Plant	Missouri	7749	1	Y		Y		
Fairgrounds	Missouri	2082	CT01	Y		Y		
Greenwood Energy Center	Missouri	6074	1	Y		Y		
Greenwood Energy Center	Missouri	6074	2	Y		Y		
Greenwood Energy Center	Missouri	6074	3	Y		Y		
Greenwood Energy Center	Missouri	6074	4	Y		Y		
Hawthorn	Missouri	2079	5A	Y		Y		
Hawthorn	Missouri	2079	6	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Hawthorn	Missouri	2079	7	1317	518,948	238,022	32,965	18,317	42,077
Hawthorn	Missouri	2079	8	1318	578,642	231,926	29,680	20,703	53,367
Hawthorn	Missouri	2079	9	1319	2,371,892	2,986,314	1,378,330	1,581,033	1,975,100
Higginsville Municipal Power Plant	Missouri	2131	4A	88446			514	819	827
Higginsville Municipal Power Plant	Missouri	2131	4B	88447			493	769	815
Holden Power Plant	Missouri	7848	1	3316	220,575	203,031	65,252	110,155	161,275
Holden Power Plant	Missouri	7848	2	3317	264,826	221,104	43,318	108,927	186,559
Holden Power Plant	Missouri	7848	3	3318	230,416	187,620	64,400	87,176	115,267
Howard Bend	Missouri	2102	CT1A	89687			566	81	1,058
Howard Bend	Missouri	2102	CT1B	89688			429	81	1,121
Iatan	Missouri	6065	1	2733	21,862,474	18,717,571	22,713,502	26,176,210	23,595,223
James River	Missouri	2161	**GT1	89860			40,454	30,158	235,777
James River	Missouri	2161	**GT2	1350	239,326	165,456	45,048	27,362	213,540
James River	Missouri	2161	3	1351	1,611,129	1,477,994	1,364,751	1,220,891	1,518,413
James River	Missouri	2161	4	1352	1,795,067	1,820,260	1,743,371	1,527,874	1,676,504
James River	Missouri	2161	5	1353	3,456,842	3,062,638	2,943,480	2,973,235	3,282,485
Labadie	Missouri	2103	1	1328	17,632,730	18,643,459	13,413,192	17,545,656	17,906,954
Labadie	Missouri	2103	2	1329	18,940,864	18,385,826	18,368,983	17,158,210	16,781,330
Labadie	Missouri	2103	3	1330	19,387,382	19,377,874	18,429,551	17,204,542	20,040,730
Labadie	Missouri	2103	4	1331	17,677,856	19,764,312	19,711,775	16,373,175	20,143,294
Lake Road	Missouri	2098	6	1327	3,154,986	3,175,739	3,037,703	2,292,171	2,228,861
Lake Road	Missouri	2098	GT5	89948			10,337	2,619	21,903
McCartney Generating Station	Missouri	7903	MGS1A	3361	171,580	118,479	63,352	46,535	188,799
McCartney Generating Station	Missouri	7903	MGS1B	3362	165,975	122,015	61,038	47,629	186,312
McCartney Generating Station	Missouri	7903	MGS2A	3363	140,076	114,894	60,840	36,394	182,559
McCartney Generating Station	Missouri	7903	MGS2B	3364	141,765	112,273	58,320	35,226	182,925
Meramec	Missouri	2104	1	1332	4,623,348	4,540,706	4,276,672	4,044,146	3,944,772
Meramec	Missouri	2104	2	1333	4,444,810	4,334,502	4,380,804	3,586,060	4,125,153

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Hawthorn	Missouri	2079	7	266,349	372,941,836	0.000714	22,079	20,441	16
Hawthorn	Missouri	2079	8	287,978	372,941,836	0.000772	22,079	20,441	17
Hawthorn	Missouri	2079	9	2,444,435	372,941,836	0.006554	22,079	20,441	145
Higginsville Municipal Power Plant	Missouri	2131	4A	720	372,941,836	0.000002	22,079	20,441	0
Higginsville Municipal Power Plant	Missouri	2131	4B	692	372,941,836	0.000002	22,079	20,441	0
Holden Power Plant	Missouri	7848	1	194,960	372,941,836	0.000523	22,079	20,441	12
Holden Power Plant	Missouri	7848	2	224,163	372,941,836	0.000601	22,079	20,441	13
Holden Power Plant	Missouri	7848	3	177,768	372,941,836	0.000477	22,079	20,441	11
Howard Bend	Missouri	2102	CT1A	569	372,941,836	0.000002	22,079	20,441	0
Howard Bend	Missouri	2102	CT1B	544	372,941,836	0.000001	22,079	20,441	0
Iatan	Missouri	6065	1	24,161,645	372,941,836	0.064787	22,079	20,441	1,430
James River	Missouri	2161	**GT1	102,130	372,941,836	0.000274	22,079	20,441	6
James River	Missouri	2161	**GT2	206,107	372,941,836	0.000553	22,079	20,441	12
James River	Missouri	2161	3	1,535,845	372,941,836	0.004118	22,079	20,441	91
James River	Missouri	2161	4	1,786,233	372,941,836	0.004790	22,079	20,441	106
James River	Missouri	2161	5	3,267,322	372,941,836	0.008761	22,079	20,441	193
Labadie	Missouri	2103	1	18,061,047	372,941,836	0.048429	22,079	20,441	1,069
Labadie	Missouri	2103	2	18,565,224	372,941,836	0.049780	22,079	20,441	1,099
Labadie	Missouri	2103	3	19,601,995	372,941,836	0.052560	22,079	20,441	1,160
Labadie	Missouri	2103	4	19,873,127	372,941,836	0.053287	22,079	20,441	1,177
Lake Road	Missouri	2098	6	3,122,809	372,941,836	0.008373	22,079	20,441	185
Lake Road	Missouri	2098	GT5	11,620	372,941,836	0.000031	22,079	20,441	1
McCartney Generating Station	Missouri	7903	MGS1A	159,619	372,941,836	0.000428	22,079	20,441	9
McCartney Generating Station	Missouri	7903	MGS1B	158,100	372,941,836	0.000424	22,079	20,441	9
McCartney Generating Station	Missouri	7903	MGS2A	145,843	372,941,836	0.000391	22,079	20,441	9
McCartney Generating Station	Missouri	7903	MGS2B	145,654	372,941,836	0.000391	22,079	20,441	9
Meramec	Missouri	2104	1	4,480,242	372,941,836	0.012013	22,079	20,441	265
Meramec	Missouri	2104	2	4,386,705	372,941,836	0.011762	22,079	20,441	260

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Hawthorn	Missouri	2079	7	15	1	2	4	6	3
Hawthorn	Missouri	2079	8	16	1	1	5	7	3
Hawthorn	Missouri	2079	9	134	11	9	21	17	18
Higginsville Municipal Power Plant	Missouri	2131	4A	0					
Higginsville Municipal Power Plant	Missouri	2131	4B	0					
Holden Power Plant	Missouri	7848	1	11	0	0	1	3	2
Holden Power Plant	Missouri	7848	2	12	1	0	1	4	3
Holden Power Plant	Missouri	7848	3	10	0	0	1	3	2
Howard Bend	Missouri	2102	CT1A	0					
Howard Bend	Missouri	2102	CT1B	0					
Iatan	Missouri	6065	1	1,324	4,519	3,905	3,922	3,111	2,837
James River	Missouri	2161	**GT1	6					
James River	Missouri	2161	**GT2	11	3	3	7	22	17
James River	Missouri	2161	3	84	451	253	265	260	188
James River	Missouri	2161	4	98	574	356	351	322	216
James River	Missouri	2161	5	179	933	601	591	600	520
Labadie	Missouri	2103	1	990	852	917	894	945	986
Labadie	Missouri	2103	2	1,018	949	1,013	990	1,038	985
Labadie	Missouri	2103	3	1,074	833	1,078	1,107	1,076	1,075
Labadie	Missouri	2103	4	1,089	847	1,028	993	889	1,065
Lake Road	Missouri	2098	6	171	939	1,034	1,067	1,026	1,043
Lake Road	Missouri	2098	GT5	1					
McCartney Generating Station	Missouri	7903	MGS1A	9	3	1	7	9	8
McCartney Generating Station	Missouri	7903	MGS1B	9	3	1	7	8	9
McCartney Generating Station	Missouri	7903	MGS2A	8	2	1	6	7	7
McCartney Generating Station	Missouri	7903	MGS2B	8	2	2	8	7	6
Meramec	Missouri	2104	1	246	850	401	256	279	265
Meramec	Missouri	2104	2	240	833	297	235	222	229

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
Hawthorn	Missouri	2079	7	0	0	1	6		
Hawthorn	Missouri	2079	8	0	0	1	7		
Hawthorn	Missouri	2079	9	11	12	15	21		
Higginsville Municipal Power Plant	Missouri	2131	4A	0	0	0	0		
Higginsville Municipal Power Plant	Missouri	2131	4B	0	0	0	0		
Holden Power Plant	Missouri	7848	1	1	1	2	3		
Holden Power Plant	Missouri	7848	2	1	2	3	4		
Holden Power Plant	Missouri	7848	3	1	1	2	3		
Howard Bend	Missouri	2102	CT1A	0	0	1	1		
Howard Bend	Missouri	2102	CT1B	0	0	1	1		
Iatan	Missouri	6065	1	3,732	1,014	832	4,519		
James River	Missouri	2161	**GT1	4	3	16	16		
James River	Missouri	2161	**GT2	4	2	17	22		
James River	Missouri	2161	3	123	83	120	451		
James River	Missouri	2161	4	213	117	154	574		
James River	Missouri	2161	5	360	209	293	933		
Labadie	Missouri	2103	1	726	940	887	986		
Labadie	Missouri	2103	2	1,002	945	921	1,038		
Labadie	Missouri	2103	3	1,001	974	1,121	1,121		
Labadie	Missouri	2103	4	1,028	909	1,100	1,100		
Lake Road	Missouri	2098	6	1,004	769	704	1,067		
Lake Road	Missouri	2098	GT5	4	1	8	8		
McCartney Generating Station	Missouri	7903	MGS1A	4	3	11	11		
McCartney Generating Station	Missouri	7903	MGS1B	4	3	11	11		
McCartney Generating Station	Missouri	7903	MGS2A	3	3	12	12		
McCartney Generating Station	Missouri	7903	MGS2B	3	2	11	11		
Meramec	Missouri	2104	1	267	268	229	850		
Meramec	Missouri	2104	2	250	203	235	833		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Hawthorn	Missouri	2079	7						
Hawthorn	Missouri	2079	8						
Hawthorn	Missouri	2079	9						
Higginsville Municipal Power Plant	Missouri	2131	4A						
Higginsville Municipal Power Plant	Missouri	2131	4B						
Holden Power Plant	Missouri	7848	1						
Holden Power Plant	Missouri	7848	2						
Holden Power Plant	Missouri	7848	3						
Howard Bend	Missouri	2102	CT1A						
Howard Bend	Missouri	2102	CT1B						
Iatan	Missouri	6065	1						
James River	Missouri	2161	**GT1						
James River	Missouri	2161	**GT2						
James River	Missouri	2161	3						
James River	Missouri	2161	4						
James River	Missouri	2161	5						
Labadie	Missouri	2103	1						
Labadie	Missouri	2103	2						
Labadie	Missouri	2103	3						
Labadie	Missouri	2103	4						
Lake Road	Missouri	2098	6						
Lake Road	Missouri	2098	GT5						
McCartney Generating Station	Missouri	7903	MGS1A						
McCartney Generating Station	Missouri	7903	MGS1B						
McCartney Generating Station	Missouri	7903	MGS2A						
McCartney Generating Station	Missouri	7903	MGS2B						
Meramec	Missouri	2104	1						
Meramec	Missouri	2104	2						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)
Calculation				(Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	(Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	(Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	(Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Hawthorn	Missouri	2079	7	6	6	6	6
Hawthorn	Missouri	2079	8	7	7	7	7
Hawthorn	Missouri	2079	9	21	21	21	21
Higginsville Municipal Power Plant	Missouri	2131	4A	0	0	0	0
Higginsville Municipal Power Plant	Missouri	2131	4B	0	0	0	0
Holden Power Plant	Missouri	7848	1	3	3	3	3
Holden Power Plant	Missouri	7848	2	4	4	4	4
Holden Power Plant	Missouri	7848	3	3	3	3	3
Howard Bend	Missouri	2102	CT1A	0	0	0	0
Howard Bend	Missouri	2102	CT1B	0	0	0	0
Iatan	Missouri	6065	1	1,623	1,623	1,441	1,441
James River	Missouri	2161	**GT1	7	7	6	6
James River	Missouri	2161	**GT2	14	14	12	12
James River	Missouri	2161	3	103	103	92	92
James River	Missouri	2161	4	120	120	107	107
James River	Missouri	2161	5	219	219	195	195
Labadie	Missouri	2103	1	986	986	986	986
Labadie	Missouri	2103	2	1,038	1,038	1,038	1,038
Labadie	Missouri	2103	3	1,121	1,121	1,121	1,121
Labadie	Missouri	2103	4	1,100	1,100	1,100	1,100
Lake Road	Missouri	2098	6	210	210	186	186
Lake Road	Missouri	2098	GT5	1	1	1	1
McCartney Generating Station	Missouri	7903	MGS1A	11	11	10	10
McCartney Generating Station	Missouri	7903	MGS1B	11	11	9	9
McCartney Generating Station	Missouri	7903	MGS2A	10	10	9	9
McCartney Generating Station	Missouri	7903	MGS2B	10	10	9	9
Meramec	Missouri	2104	1	301	301	267	267
Meramec	Missouri	2104	2	295	295	262	262

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Hawthorn	Missouri	2079	7	6	6	6	6	Y
Hawthorn	Missouri	2079	8	7	7	7	7	Y
Hawthorn	Missouri	2079	9	21	21	21	21	Y
Higginsville Municipal Power Plant	Missouri	2131	4A	0	0	0	0	Y
Higginsville Municipal Power Plant	Missouri	2131	4B	0	0	0	0	Y
Holden Power Plant	Missouri	7848	1	3	3	3	3	Y
Holden Power Plant	Missouri	7848	2	4	4	4	4	Y
Holden Power Plant	Missouri	7848	3	3	3	3	3	Y
Howard Bend	Missouri	2102	CT1A	0	0	0	0	Y
Howard Bend	Missouri	2102	CT1B	0	0	0	0	Y
Iatan	Missouri	6065	1	1,441	1,441	1,441	1,441	Y
James River	Missouri	2161	**GT1	6	6	6	6	Y
James River	Missouri	2161	**GT2	12	12	12	12	Y
James River	Missouri	2161	3	92	92	92	92	Y
James River	Missouri	2161	4	107	107	107	107	Y
James River	Missouri	2161	5	195	195	195	195	Y
Labadie	Missouri	2103	1	986	986	986	986	Y
Labadie	Missouri	2103	2	1,038	1,038	1,038	1,038	Y
Labadie	Missouri	2103	3	1,121	1,121	1,121	1,121	Y
Labadie	Missouri	2103	4	1,100	1,100	1,100	1,100	Y
Lake Road	Missouri	2098	6	186	186	186	186	Y
Lake Road	Missouri	2098	GT5	1	1	1	1	Y
McCartney Generating Station	Missouri	7903	MGS1A	10	10	10	10	Y
McCartney Generating Station	Missouri	7903	MGS1B	9	9	9	9	Y
McCartney Generating Station	Missouri	7903	MGS2A	9	9	9	9	Y
McCartney Generating Station	Missouri	7903	MGS2B	9	9	9	9	Y
Meramec	Missouri	2104	1	267	267	267	267	Y
Meramec	Missouri	2104	2	262	262	262	262	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Hawthorn	Missouri	2079	7	Y		Y		
Hawthorn	Missouri	2079	8	Y		Y		
Hawthorn	Missouri	2079	9	Y		Y		
Higginsville Municipal Power Plant	Missouri	2131	4A	Y		Y		
Higginsville Municipal Power Plant	Missouri	2131	4B	Y		Y		
Holden Power Plant	Missouri	7848	1	Y		Y		
Holden Power Plant	Missouri	7848	2	Y		Y		
Holden Power Plant	Missouri	7848	3	Y		Y		
Howard Bend	Missouri	2102	CT1A	Y		Y		
Howard Bend	Missouri	2102	CT1B	Y		Y		
Iatan	Missouri	6065	1	Y		Y		
James River	Missouri	2161	**GT1	Y		Y		
James River	Missouri	2161	**GT2	Y		Y		
James River	Missouri	2161	3	Y		Y		
James River	Missouri	2161	4	Y		Y		
James River	Missouri	2161	5	Y		Y		
Labadie	Missouri	2103	1	Y		Y		
Labadie	Missouri	2103	2	Y		Y		
Labadie	Missouri	2103	3	Y		Y		
Labadie	Missouri	2103	4	Y		Y		
Lake Road	Missouri	2098	6	Y		Y		
Lake Road	Missouri	2098	GT5	Y		Y		
McCartney Generating Station	Missouri	7903	MGS1A	Y		Y		
McCartney Generating Station	Missouri	7903	MGS1B	Y		Y		
McCartney Generating Station	Missouri	7903	MGS2A	Y		Y		
McCartney Generating Station	Missouri	7903	MGS2B	Y		Y		
Meramec	Missouri	2104	1	Y		Y		
Meramec	Missouri	2104	2	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Meramec	Missouri	2104	3	1334	8,661,699	8,902,588	7,622,438	7,305,293	7,910,771
Meramec	Missouri	2104	4	1335	10,125,176	11,903,746	11,010,729	10,430,655	9,003,351
Meramec	Missouri	2104	CT01	89684			4,268		3,849
Meramec	Missouri	2104	CT2A	89685			6,866	5,690	7,214
Meramec	Missouri	2104	CT2B	89686			6,964	4,903	6,945
Mexico	Missouri	6650	CT01	90098			2,326	4,794	2,379
Moberly	Missouri	6651	CT01	90099			1,533		14,443
Montrose	Missouri	2080	1	1320	5,329,205	4,808,947	5,921,320	5,147,739	4,717,660
Montrose	Missouri	2080	2	1321	5,260,424	5,226,461	5,089,711	4,971,402	4,869,368
Montrose	Missouri	2080	3	1322	5,638,567	4,798,739	5,428,795	5,020,268	5,133,180
Moreau	Missouri	6652	CT01	90100			3,448	6,825	2,869
New Madrid Power Plant	Missouri	2167	1	1357	16,543,446	17,380,559	18,209,814	16,528,108	16,203,941
New Madrid Power Plant	Missouri	2167	2	1358	18,187,334	15,167,368	17,823,134	16,435,075	15,532,811
Nodaway Power Plant	Missouri	7754	1	3153	150,870	31,971	10,381	15,840	18,679
Nodaway Power Plant	Missouri	7754	2	3154	168,244	72,668	7,475	20,295	41,562
Northeast Generating Station	Missouri	2081	11	90053			1,611	913	
Northeast Generating Station	Missouri	2081	12	90054			1,501	915	
Northeast Generating Station	Missouri	2081	13	90055			1,032	3,827	488
Northeast Generating Station	Missouri	2081	14	90056			1,566	1,270	1,892
Northeast Generating Station	Missouri	2081	15	90057			1,800	2,209	1,511
Northeast Generating Station	Missouri	2081	16	90058				2,237	1,703
Northeast Generating Station	Missouri	2081	17	90059			3,186	2,511	1,837
Northeast Generating Station	Missouri	2081	18	90060			2,596	2,895	1,737
Peno Creek Energy Center	Missouri	7964	CT1A	9048	111,187	170,835	98,858	67,587	119,359
Peno Creek Energy Center	Missouri	7964	CT1B	9049	100,366	163,883	95,076	66,548	121,905
Peno Creek Energy Center	Missouri	7964	CT2A	9050	112,821	160,578	3,882	64,668	101,109
Peno Creek Energy Center	Missouri	7964	CT2B	9051	113,118	149,531	57,478	65,310	30,624
Peno Creek Energy Center	Missouri	7964	CT3A	9052	126,764	162,395	56,507	67,229	134,170

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Meramec	Missouri	2104	3	8,491,686	372,941,836	0.022769	22,079	20,441	503
Meramec	Missouri	2104	4	11,115,044	372,941,836	0.029804	22,079	20,441	658
Meramec	Missouri	2104	CT01	4,059	372,941,836	0.000011	22,079	20,441	0
Meramec	Missouri	2104	CT2A	6,590	372,941,836	0.000018	22,079	20,441	0
Meramec	Missouri	2104	CT2B	6,271	372,941,836	0.000017	22,079	20,441	0
Mexico	Missouri	6650	CT01	3,166	372,941,836	0.000008	22,079	20,441	0
Moberly	Missouri	6651	CT01	7,988	372,941,836	0.000021	22,079	20,441	0
Montrose	Missouri	2080	1	5,466,088	372,941,836	0.014657	22,079	20,441	324
Montrose	Missouri	2080	2	5,192,199	372,941,836	0.013922	22,079	20,441	307
Montrose	Missouri	2080	3	5,400,181	372,941,836	0.014480	22,079	20,441	320
Moreau	Missouri	6652	CT01	4,381	372,941,836	0.000012	22,079	20,441	0
New Madrid Power Plant	Missouri	2167	1	17,377,939	372,941,836	0.046597	22,079	20,441	1,029
New Madrid Power Plant	Missouri	2167	2	17,481,848	372,941,836	0.046876	22,079	20,441	1,035
Nodaway Power Plant	Missouri	7754	1	67,173	372,941,836	0.000180	22,079	20,441	4
Nodaway Power Plant	Missouri	7754	2	94,158	372,941,836	0.000252	22,079	20,441	6
Northeast Generating Station	Missouri	2081	11	1,262	372,941,836	0.000003	22,079	20,441	0
Northeast Generating Station	Missouri	2081	12	1,208	372,941,836	0.000003	22,079	20,441	0
Northeast Generating Station	Missouri	2081	13	1,782	372,941,836	0.000005	22,079	20,441	0
Northeast Generating Station	Missouri	2081	14	1,576	372,941,836	0.000004	22,079	20,441	0
Northeast Generating Station	Missouri	2081	15	1,840	372,941,836	0.000005	22,079	20,441	0
Northeast Generating Station	Missouri	2081	16	1,970	372,941,836	0.000005	22,079	20,441	0
Northeast Generating Station	Missouri	2081	17	2,511	372,941,836	0.000007	22,079	20,441	0
Northeast Generating Station	Missouri	2081	18	2,409	372,941,836	0.000006	22,079	20,441	0
Peno Creek Energy Center	Missouri	7964	CT1A	133,794	372,941,836	0.000359	22,079	20,441	8
Peno Creek Energy Center	Missouri	7964	CT1B	128,718	372,941,836	0.000345	22,079	20,441	8
Peno Creek Energy Center	Missouri	7964	CT2A	124,836	372,941,836	0.000335	22,079	20,441	7
Peno Creek Energy Center	Missouri	7964	CT2B	109,320	372,941,836	0.000293	22,079	20,441	6
Peno Creek Energy Center	Missouri	7964	CT3A	141,110	372,941,836	0.000378	22,079	20,441	8

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Meramec	Missouri	2104	3	465	2,202	1,489	1,938	1,498	883
Meramec	Missouri	2104	4	609	985	1,050	960	905	1,121
Meramec	Missouri	2104	CT01	0					
Meramec	Missouri	2104	CT2A	0					
Meramec	Missouri	2104	CT2B	0					
Mexico	Missouri	6650	CT01	0					
Moberly	Missouri	6651	CT01	0					
Montrose	Missouri	2080	1	300	793	741	867	897	803
Montrose	Missouri	2080	2	285	825	981	924	846	883
Montrose	Missouri	2080	3	296	733	986	749	903	802
Moreau	Missouri	6652	CT01	0					
New Madrid Power Plant	Missouri	2167	1	952	2,626	1,025	3,344	1,473	1,049
New Madrid Power Plant	Missouri	2167	2	958	10,478	1,096	1,235	1,757	827
Nodaway Power Plant	Missouri	7754	1	4	1	1	0	5	1
Nodaway Power Plant	Missouri	7754	2	5	1	1	0	5	2
Northeast Generating Station	Missouri	2081	11	0					
Northeast Generating Station	Missouri	2081	12	0					
Northeast Generating Station	Missouri	2081	13	0					
Northeast Generating Station	Missouri	2081	14	0					
Northeast Generating Station	Missouri	2081	15	0					
Northeast Generating Station	Missouri	2081	16	0					
Northeast Generating Station	Missouri	2081	17	0					
Northeast Generating Station	Missouri	2081	18	0					
Peno Creek Energy Center	Missouri	7964	CT1A	7	3	1	8	5	7
Peno Creek Energy Center	Missouri	7964	CT1B	7	2	1	8	4	7
Peno Creek Energy Center	Missouri	7964	CT2A	7	2	1	8	5	7
Peno Creek Energy Center	Missouri	7964	CT2B	6	2	1	8	5	7
Peno Creek Energy Center	Missouri	7964	CT3A	8	2	1	7	6	7

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
Meramec	Missouri	2104	3	671	640	669	2,202		
Meramec	Missouri	2104	4	1,027	985	814	1,121		
Meramec	Missouri	2104	CT01	3		2	3		
Meramec	Missouri	2104	CT2A	2	2	3	3		
Meramec	Missouri	2104	CT2B	2	2	2	2		
Mexico	Missouri	6650	CT01	1	3	1	3		
Moberly	Missouri	6651	CT01	1		9	9		
Montrose	Missouri	2080	1	1,057	907	828	1,057		
Montrose	Missouri	2080	2	865	868	791	981		
Montrose	Missouri	2080	3	922	877	827	986		
Moreau	Missouri	6652	CT01	2	4	2	4		
New Madrid Power Plant	Missouri	2167	1	795	713	811	3,344		
New Madrid Power Plant	Missouri	2167	2	829	715	804	10,478		
Nodaway Power Plant	Missouri	7754	1	0	1	1	5		
Nodaway Power Plant	Missouri	7754	2	0	1	2	5		
Northeast Generating Station	Missouri	2081	11	1	1		1		
Northeast Generating Station	Missouri	2081	12	1	1		1		
Northeast Generating Station	Missouri	2081	13	1	2	0	2		
Northeast Generating Station	Missouri	2081	14	1	1	1	1		
Northeast Generating Station	Missouri	2081	15	1	1	1	1		
Northeast Generating Station	Missouri	2081	16		1	1	1		
Northeast Generating Station	Missouri	2081	17	2	2	1	2		
Northeast Generating Station	Missouri	2081	18	2	2	1	2		
Peno Creek Energy Center	Missouri	7964	CT1A	4	3	6	8		
Peno Creek Energy Center	Missouri	7964	CT1B	4	3	6	8		
Peno Creek Energy Center	Missouri	7964	CT2A	0	3	5	8		
Peno Creek Energy Center	Missouri	7964	CT2B	2	3	1	8		
Peno Creek Energy Center	Missouri	7964	CT3A	2	3	5	7		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Meramec	Missouri	2104	3						
Meramec	Missouri	2104	4						
Meramec	Missouri	2104	CT01						
Meramec	Missouri	2104	CT2A						
Meramec	Missouri	2104	CT2B						
Mexico	Missouri	6650	CT01						
Moberly	Missouri	6651	CT01						
Montrose	Missouri	2080	1						
Montrose	Missouri	2080	2						
Montrose	Missouri	2080	3						
Moreau	Missouri	6652	CT01						
New Madrid Power Plant	Missouri	2167	1						
New Madrid Power Plant	Missouri	2167	2						
Nodaway Power Plant	Missouri	7754	1						
Nodaway Power Plant	Missouri	7754	2						
Northeast Generating Station	Missouri	2081	11						
Northeast Generating Station	Missouri	2081	12						
Northeast Generating Station	Missouri	2081	13						
Northeast Generating Station	Missouri	2081	14						
Northeast Generating Station	Missouri	2081	15						
Northeast Generating Station	Missouri	2081	16						
Northeast Generating Station	Missouri	2081	17						
Northeast Generating Station	Missouri	2081	18						
Peno Creek Energy Center	Missouri	7964	CT1A						
Peno Creek Energy Center	Missouri	7964	CT1B						
Peno Creek Energy Center	Missouri	7964	CT2A						
Peno Creek Energy Center	Missouri	7964	CT2B						
Peno Creek Energy Center	Missouri	7964	CT3A						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)
Calculation				(Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	(Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	(Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	(Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Meramec	Missouri	2104	3	570	570	506	506
Meramec	Missouri	2104	4	747	747	663	663
Meramec	Missouri	2104	CT01	0	0	0	0
Meramec	Missouri	2104	CT2A	0	0	0	0
Meramec	Missouri	2104	CT2B	0	0	0	0
Mexico	Missouri	6650	CT01	0	0	0	0
Moberly	Missouri	6651	CT01	1	1	0	0
Montrose	Missouri	2080	1	367	367	326	326
Montrose	Missouri	2080	2	349	349	310	310
Montrose	Missouri	2080	3	363	363	322	322
Moreau	Missouri	6652	CT01	0	0	0	0
New Madrid Power Plant	Missouri	2167	1	1,167	1,167	1,037	1,037
New Madrid Power Plant	Missouri	2167	2	1,174	1,174	1,043	1,043
Nodaway Power Plant	Missouri	7754	1	5	5	4	4
Nodaway Power Plant	Missouri	7754	2	5	5	5	5
Northeast Generating Station	Missouri	2081	11	0	0	0	0
Northeast Generating Station	Missouri	2081	12	0	0	0	0
Northeast Generating Station	Missouri	2081	13	0	0	0	0
Northeast Generating Station	Missouri	2081	14	0	0	0	0
Northeast Generating Station	Missouri	2081	15	0	0	0	0
Northeast Generating Station	Missouri	2081	16	0	0	0	0
Northeast Generating Station	Missouri	2081	17	0	0	0	0
Northeast Generating Station	Missouri	2081	18	0	0	0	0
Peno Creek Energy Center	Missouri	7964	CT1A	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT1B	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT2A	8	8	7	7
Peno Creek Energy Center	Missouri	7964	CT2B	7	7	7	7
Peno Creek Energy Center	Missouri	7964	CT3A	7	7	7	7

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE))	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF))	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG))	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH))	
Calculation								
Meramec	Missouri	2104	3	506	506	506	506	Y
Meramec	Missouri	2104	4	663	663	663	663	Y
Meramec	Missouri	2104	CT01	0	0	0	0	Y
Meramec	Missouri	2104	CT2A	0	0	0	0	Y
Meramec	Missouri	2104	CT2B	0	0	0	0	Y
Mexico	Missouri	6650	CT01	0	0	0	0	Y
Moberly	Missouri	6651	CT01	0	0	0	0	Y
Montrose	Missouri	2080	1	326	326	326	326	Y
Montrose	Missouri	2080	2	310	310	310	310	Y
Montrose	Missouri	2080	3	322	322	322	322	Y
Moreau	Missouri	6652	CT01	0	0	0	0	Y
New Madrid Power Plant	Missouri	2167	1	1,037	1,037	1,037	1,037	Y
New Madrid Power Plant	Missouri	2167	2	1,043	1,043	1,043	1,043	Y
Nodaway Power Plant	Missouri	7754	1	4	4	4	4	Y
Nodaway Power Plant	Missouri	7754	2	5	5	5	5	Y
Northeast Generating Station	Missouri	2081	11	0	0	0	0	Y
Northeast Generating Station	Missouri	2081	12	0	0	0	0	Y
Northeast Generating Station	Missouri	2081	13	0	0	0	0	Y
Northeast Generating Station	Missouri	2081	14	0	0	0	0	Y
Northeast Generating Station	Missouri	2081	15	0	0	0	0	Y
Northeast Generating Station	Missouri	2081	16	0	0	0	0	Y
Northeast Generating Station	Missouri	2081	17	0	0	0	0	Y
Northeast Generating Station	Missouri	2081	18	0	0	0	0	Y
Peno Creek Energy Center	Missouri	7964	CT1A	8	8	8	8	Y
Peno Creek Energy Center	Missouri	7964	CT1B	8	8	8	8	Y
Peno Creek Energy Center	Missouri	7964	CT2A	7	7	7	7	Y
Peno Creek Energy Center	Missouri	7964	CT2B	7	7	7	7	Y
Peno Creek Energy Center	Missouri	7964	CT3A	7	7	7	7	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Meramec	Missouri	2104	3	Y		Y		
Meramec	Missouri	2104	4	Y		Y		
Meramec	Missouri	2104	CT01	Y		Y		
Meramec	Missouri	2104	CT2A	Y		Y		
Meramec	Missouri	2104	CT2B	Y		Y		
Mexico	Missouri	6650	CT01	Y		Y		
Moberly	Missouri	6651	CT01	Y		Y		
Montrose	Missouri	2080	1	Y		Y		
Montrose	Missouri	2080	2	Y		Y		
Montrose	Missouri	2080	3	Y		Y		
Moreau	Missouri	6652	CT01	Y		Y		
New Madrid Power Plant	Missouri	2167	1	Y		Y		
New Madrid Power Plant	Missouri	2167	2	Y		Y		
Nodaway Power Plant	Missouri	7754	1	Y		Y		
Nodaway Power Plant	Missouri	7754	2	Y		Y		
Northeast Generating Station	Missouri	2081	11	Y		Y		
Northeast Generating Station	Missouri	2081	12	Y		Y		
Northeast Generating Station	Missouri	2081	13	Y		Y		
Northeast Generating Station	Missouri	2081	14	Y		Y		
Northeast Generating Station	Missouri	2081	15	Y		Y		
Northeast Generating Station	Missouri	2081	16	Y		Y		
Northeast Generating Station	Missouri	2081	17	Y		Y		
Northeast Generating Station	Missouri	2081	18	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT1A	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT1B	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT2A	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT2B	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT3A	Y		Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Peno Creek Energy Center	Missouri	7964	CT3B	9053	126,999	165,361	51,397	68,370	137,919
Peno Creek Energy Center	Missouri	7964	CT4A	9054	125,049	151,989	54,292	65,453	135,919
Peno Creek Energy Center	Missouri	7964	CT4B	9055	122,729	152,338	52,989	64,136	138,793
Ralph Green Station	Missouri	2092	3	90004			19,322	3,830	12,434
Rush Island	Missouri	6155	1	2813	18,713,851	15,262,992	17,620,540	17,852,067	18,659,992
Rush Island	Missouri	6155	2	2814	17,539,305	16,219,567	17,035,549	17,997,253	20,491,525
Sibley	Missouri	2094	1	1323	1,642,406	1,456,387	1,616,088	1,439,535	1,532,448
Sibley	Missouri	2094	2	1324	1,628,565	1,743,110	1,600,800	1,426,215	1,448,538
Sibley	Missouri	2094	3	1325	9,758,939	11,444,743	8,820,171	8,685,499	11,016,735
Sikeston	Missouri	6768	1	2907	10,323,828	9,444,353	9,150,523	8,271,432	8,310,694
Sioux	Missouri	2107	1	1336	14,107,121	13,372,967	11,850,066	10,892,361	13,299,117
Sioux	Missouri	2107	2	1337	11,362,415	13,034,242	11,985,715	11,265,400	10,808,620
South Harper Peaking Facility	Missouri	56151	1	89544	341,530	484,874	171,615	80,692	168,165
South Harper Peaking Facility	Missouri	56151	2	89545	468,363	657,458	271,513	123,037	313,719
South Harper Peaking Facility	Missouri	56151	3	89546	571,009	781,261	374,549	168,131	226,625
Southwest	Missouri	6195	1	2843	6,514,445	5,713,564	6,166,000	5,821,187	5,674,628
Southwest	Missouri	6195	CT1A	89861			3,368	1,461	43,500
Southwest	Missouri	6195	CT1B	89862			4,201	3,245	41,856
Southwest	Missouri	6195	CT2A	89863			2,815	3,525	38,393
Southwest	Missouri	6195	CT2B	89864			2,321	5,713	41,376
St. Francis Power Plant	Missouri	7604	1	3135	1,759,723	1,773,376	946,011	1,225,082	1,679,713
St. Francis Power Plant	Missouri	7604	2	3136	1,607,857	1,482,395	776,985	1,214,362	1,715,557
State Line (MO)	Missouri	7296	1	3087	69,578	59,935	18,390	5,162	127,502
State Line (MO)	Missouri	7296	2-1	3088	4,360,610	3,495,652	2,774,972	558,302	4,305,694
State Line (MO)	Missouri	7296	2-2	3089	3,381,384	4,139,053	2,974,417	2,514,040	3,092,766
Thomas Hill Energy Center	Missouri	2168	MB1	1359	6,335,243	5,014,246	5,943,788	5,111,542	7,009,141
Thomas Hill Energy Center	Missouri	2168	MB2	1360	9,662,876	9,042,361	5,976,036	9,316,955	10,391,619
Thomas Hill Energy Center	Missouri	2168	MB3	1361	21,242,744	19,901,984	18,420,929	18,264,540	20,352,611

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Peno Creek Energy Center	Missouri	7964	CT3B	143,426	372,941,836	0.000385	22,079	20,441	8
Peno Creek Energy Center	Missouri	7964	CT4A	137,652	372,941,836	0.000369	22,079	20,441	8
Peno Creek Energy Center	Missouri	7964	CT4B	137,953	372,941,836	0.000370	22,079	20,441	8
Ralph Green Station	Missouri	2092	3	11,862	372,941,836	0.000032	22,079	20,441	1
Rush Island	Missouri	6155	1	18,408,637	372,941,836	0.049361	22,079	20,441	1,090
Rush Island	Missouri	6155	2	18,676,028	372,941,836	0.050078	22,079	20,441	1,106
Sibley	Missouri	2094	1	1,596,981	372,941,836	0.004282	22,079	20,441	95
Sibley	Missouri	2094	2	1,657,492	372,941,836	0.004444	22,079	20,441	98
Sibley	Missouri	2094	3	10,740,139	372,941,836	0.028798	22,079	20,441	636
Sikeston	Missouri	6768	1	9,639,568	372,941,836	0.025847	22,079	20,441	571
Sioux	Missouri	2107	1	13,593,068	372,941,836	0.036448	22,079	20,441	805
Sioux	Missouri	2107	2	12,127,458	372,941,836	0.032518	22,079	20,441	718
South Harper Peaking Facility	Missouri	56151	1	332,673	372,941,836	0.000892	22,079	20,441	20
South Harper Peaking Facility	Missouri	56151	2	479,847	372,941,836	0.001287	22,079	20,441	28
South Harper Peaking Facility	Missouri	56151	3	575,607	372,941,836	0.001543	22,079	20,441	34
Southwest	Missouri	6195	1	6,167,210	372,941,836	0.016537	22,079	20,441	365
Southwest	Missouri	6195	CT1A	16,110	372,941,836	0.000043	22,079	20,441	1
Southwest	Missouri	6195	CT1B	16,434	372,941,836	0.000044	22,079	20,441	1
Southwest	Missouri	6195	CT2A	14,911	372,941,836	0.000040	22,079	20,441	1
Southwest	Missouri	6195	CT2B	16,470	372,941,836	0.000044	22,079	20,441	1
St. Francis Power Plant	Missouri	7604	1	1,737,604	372,941,836	0.004659	22,079	20,441	103
St. Francis Power Plant	Missouri	7604	2	1,601,936	372,941,836	0.004295	22,079	20,441	95
State Line (MO)	Missouri	7296	1	85,672	372,941,836	0.000230	22,079	20,441	5
State Line (MO)	Missouri	7296	2-1	4,053,985	372,941,836	0.010870	22,079	20,441	240
State Line (MO)	Missouri	7296	2-2	3,537,734	372,941,836	0.009486	22,079	20,441	209
Thomas Hill Energy Center	Missouri	2168	MB1	6,429,391	372,941,836	0.017240	22,079	20,441	381
Thomas Hill Energy Center	Missouri	2168	MB2	9,790,484	372,941,836	0.026252	22,079	20,441	580
Thomas Hill Energy Center	Missouri	2168	MB3	20,499,113	372,941,836	0.054966	22,079	20,441	1,214

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Peno Creek Energy Center	Missouri	7964	CT3B	8	2	1	8	6	8
Peno Creek Energy Center	Missouri	7964	CT4A	8	2	1	8	5	7
Peno Creek Energy Center	Missouri	7964	CT4B	8	2	1	8	6	7
Ralph Green Station	Missouri	2092	3	1					
Rush Island	Missouri	6155	1	1,009	813	825	885	864	672
Rush Island	Missouri	6155	2	1,024	916	748	907	818	722
Sibley	Missouri	2094	1	88	630	572	539	443	542
Sibley	Missouri	2094	2	91	631	578	517	436	593
Sibley	Missouri	2094	3	589	3,602	2,702	2,659	2,887	3,374
Sikeston	Missouri	6768	1	528	979	1,013	1,162	1,089	1,165
Sioux	Missouri	2107	1	745	2,437	2,373	1,831	1,678	959
Sioux	Missouri	2107	2	665	2,771	1,800	1,970	1,343	863
South Harper Peaking Facility	Missouri	56151	1	18			2	8	12
South Harper Peaking Facility	Missouri	56151	2	26			4	11	16
South Harper Peaking Facility	Missouri	56151	3	32			2	13	20
Southwest	Missouri	6195	1	338	1,431	1,258	1,273	1,115	1,067
Southwest	Missouri	6195	CT1A	1					
Southwest	Missouri	6195	CT1B	1					
Southwest	Missouri	6195	CT2A	1					
Southwest	Missouri	6195	CT2B	1					
St. Francis Power Plant	Missouri	7604	1	95	7	11	19	16	17
St. Francis Power Plant	Missouri	7604	2	88	9	14	18	15	15
State Line (MO)	Missouri	7296	1	5	8	3	6	3	2
State Line (MO)	Missouri	7296	2-1	222	15	14	25	27	22
State Line (MO)	Missouri	7296	2-2	194	15	23	29	22	27
Thomas Hill Energy Center	Missouri	2168	MB1	352	3,009	1,413	1,395	1,596	1,389
Thomas Hill Energy Center	Missouri	2168	MB2	537	2,219	2,397	1,837	2,583	2,857
Thomas Hill Energy Center	Missouri	2168	MB3	1,124	2,768	2,623	2,791	2,253	1,909

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
Calculation									
Peno Creek Energy Center	Missouri	7964	CT3B	2	3	6	8		
Peno Creek Energy Center	Missouri	7964	CT4A	3	3	6	8		
Peno Creek Energy Center	Missouri	7964	CT4B	2	3	6	8		
Ralph Green Station	Missouri	2092	3	6	1	2	6		
Rush Island	Missouri	6155	1	814	776	812	885		
Rush Island	Missouri	6155	2	810	838	908	916		
Sibley	Missouri	2094	1	432	302	341	630		
Sibley	Missouri	2094	2	429	298	323	631		
Sibley	Missouri	2094	3	2,623	474	412	3,602		
Sikeston	Missouri	6768	1	953	886	878	1,165		
Sioux	Missouri	2107	1	1,325	1,260	1,824	2,437		
Sioux	Missouri	2107	2	1,313	1,233	1,285	2,771		
South Harper Peaking Facility	Missouri	56151	1	4	2	4	12		
South Harper Peaking Facility	Missouri	56151	2	7	3	8	16		
South Harper Peaking Facility	Missouri	56151	3	10	5	6	20		
Southwest	Missouri	6195	1	1,151	264	274	1,431		
Southwest	Missouri	6195	CT1A	0	0	3	3		
Southwest	Missouri	6195	CT1B	0	0	3	3		
Southwest	Missouri	6195	CT2A	0	0	3	3		
Southwest	Missouri	6195	CT2B	0	1	3	3		
St. Francis Power Plant	Missouri	7604	1	10	11	16	19		
St. Francis Power Plant	Missouri	7604	2	9	12	15	18		
State Line (MO)	Missouri	7296	1	1	0	4	8		
State Line (MO)	Missouri	7296	2-1	19	4	28	28		
State Line (MO)	Missouri	7296	2-2	21	18	21	29		
Thomas Hill Energy Center	Missouri	2168	MB1	1,605	172	326	3,009		
Thomas Hill Energy Center	Missouri	2168	MB2	1,606	286	2,685	2,857		
Thomas Hill Energy Center	Missouri	2168	MB3	1,619	451	970	2,791		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Peno Creek Energy Center	Missouri	7964	CT3B						
Peno Creek Energy Center	Missouri	7964	CT4A						
Peno Creek Energy Center	Missouri	7964	CT4B						
Ralph Green Station	Missouri	2092	3						
Rush Island	Missouri	6155	1						
Rush Island	Missouri	6155	2						
Sibley	Missouri	2094	1						
Sibley	Missouri	2094	2						
Sibley	Missouri	2094	3						
Sikeston	Missouri	6768	1						
Sioux	Missouri	2107	1						
Sioux	Missouri	2107	2						
South Harper Peaking Facility	Missouri	56151	1						
South Harper Peaking Facility	Missouri	56151	2						
South Harper Peaking Facility	Missouri	56151	3						
Southwest	Missouri	6195	1						
Southwest	Missouri	6195	CT1A						
Southwest	Missouri	6195	CT1B						
Southwest	Missouri	6195	CT2A						
Southwest	Missouri	6195	CT2B						
St. Francis Power Plant	Missouri	7604	1						
St. Francis Power Plant	Missouri	7604	2						
State Line (MO)	Missouri	7296	1						
State Line (MO)	Missouri	7296	2-1						
State Line (MO)	Missouri	7296	2-2						
Thomas Hill Energy Center	Missouri	2168	MB1						
Thomas Hill Energy Center	Missouri	2168	MB2						
Thomas Hill Energy Center	Missouri	2168	MB3						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
Peno Creek Energy Center	Missouri	7964	CT3B	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT4A	8	8	8	8
Peno Creek Energy Center	Missouri	7964	CT4B	8	8	8	8
Ralph Green Station	Missouri	2092	3	1	1	1	1
Rush Island	Missouri	6155	1	885	885	885	885
Rush Island	Missouri	6155	2	916	916	916	916
Sibley	Missouri	2094	1	107	107	95	95
Sibley	Missouri	2094	2	111	111	99	99
Sibley	Missouri	2094	3	721	721	641	641
Sikeston	Missouri	6768	1	647	647	575	575
Sioux	Missouri	2107	1	913	913	811	811
Sioux	Missouri	2107	2	815	815	723	723
South Harper Peaking Facility	Missouri	56151	1	12	12	12	12
South Harper Peaking Facility	Missouri	56151	2	16	16	16	16
South Harper Peaking Facility	Missouri	56151	3	20	20	20	20
Southwest	Missouri	6195	1	414	414	368	368
Southwest	Missouri	6195	CT1A	1	1	1	1
Southwest	Missouri	6195	CT1B	1	1	1	1
Southwest	Missouri	6195	CT2A	1	1	1	1
Southwest	Missouri	6195	CT2B	1	1	1	1
St. Francis Power Plant	Missouri	7604	1	19	19	19	19
St. Francis Power Plant	Missouri	7604	2	18	18	18	18
State Line (MO)	Missouri	7296	1	6	6	5	5
State Line (MO)	Missouri	7296	2-1	28	28	28	28
State Line (MO)	Missouri	7296	2-2	29	29	29	29
Thomas Hill Energy Center	Missouri	2168	MB1	432	432	383	383
Thomas Hill Energy Center	Missouri	2168	MB2	658	658	584	584
Thomas Hill Energy Center	Missouri	2168	MB3	1,377	1,377	1,223	1,223

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
Peno Creek Energy Center	Missouri	7964	CT3B	8	8	8	8	Y
Peno Creek Energy Center	Missouri	7964	CT4A	8	8	8	8	Y
Peno Creek Energy Center	Missouri	7964	CT4B	8	8	8	8	Y
Ralph Green Station	Missouri	2092	3	1	1	1	1	Y
Rush Island	Missouri	6155	1	885	885	885	885	Y
Rush Island	Missouri	6155	2	916	916	916	916	Y
Sibley	Missouri	2094	1	95	95	95	95	Y
Sibley	Missouri	2094	2	99	99	99	99	Y
Sibley	Missouri	2094	3	641	641	641	641	Y
Sikeston	Missouri	6768	1	575	575	575	575	Y
Sioux	Missouri	2107	1	811	811	811	811	Y
Sioux	Missouri	2107	2	723	723	723	723	Y
South Harper Peaking Facility	Missouri	56151	1	12	12	12	12	Y
South Harper Peaking Facility	Missouri	56151	2	16	16	16	16	Y
South Harper Peaking Facility	Missouri	56151	3	20	20	20	20	Y
Southwest	Missouri	6195	1	368	368	368	368	Y
Southwest	Missouri	6195	CT1A	1	1	1	1	Y
Southwest	Missouri	6195	CT1B	1	1	1	1	Y
Southwest	Missouri	6195	CT2A	1	1	1	1	Y
Southwest	Missouri	6195	CT2B	1	1	1	1	Y
St. Francis Power Plant	Missouri	7604	1	19	19	19	19	Y
St. Francis Power Plant	Missouri	7604	2	18	18	18	18	Y
State Line (MO)	Missouri	7296	1	5	5	5	5	Y
State Line (MO)	Missouri	7296	2-1	28	28	28	28	Y
State Line (MO)	Missouri	7296	2-2	29	29	29	29	Y
Thomas Hill Energy Center	Missouri	2168	MB1	383	383	383	383	Y
Thomas Hill Energy Center	Missouri	2168	MB2	584	584	584	584	Y
Thomas Hill Energy Center	Missouri	2168	MB3	1,223	1,223	1,223	1,223	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Peno Creek Energy Center	Missouri	7964	CT3B	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT4A	Y		Y		
Peno Creek Energy Center	Missouri	7964	CT4B	Y		Y		
Ralph Green Station	Missouri	2092	3	Y		Y		
Rush Island	Missouri	6155	1	Y		Y		
Rush Island	Missouri	6155	2	Y		Y		
Sibley	Missouri	2094	1	Y		Y		
Sibley	Missouri	2094	2	Y		Y		
Sibley	Missouri	2094	3	Y		Y		
Sikeston	Missouri	6768	1	Y		Y		
Sioux	Missouri	2107	1	Y		Y		
Sioux	Missouri	2107	2	Y		Y		
South Harper Peaking Facility	Missouri	56151	1	Y		Y		
South Harper Peaking Facility	Missouri	56151	2	Y		Y		
South Harper Peaking Facility	Missouri	56151	3	Y		Y		
Southwest	Missouri	6195	1	Y		Y		
Southwest	Missouri	6195	CT1A	Y		Y		
Southwest	Missouri	6195	CT1B	Y		Y		
Southwest	Missouri	6195	CT2A	Y		Y		
Southwest	Missouri	6195	CT2B	Y		Y		
St. Francis Power Plant	Missouri	7604	1	Y		Y		
St. Francis Power Plant	Missouri	7604	2	Y		Y		
State Line (MO)	Missouri	7296	1	Y		Y		
State Line (MO)	Missouri	7296	2-1	Y		Y		
State Line (MO)	Missouri	7296	2-2	Y		Y		
Thomas Hill Energy Center	Missouri	2168	MB1	Y		Y		
Thomas Hill Energy Center	Missouri	2168	MB2	Y		Y		
Thomas Hill Energy Center	Missouri	2168	MB3	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Viaduct	Missouri	2096	CT01	89689				911	2,038
AES Shady Point	Oklahoma	10671	1A		3,730,457	4,109,668	4,293,021	3,453,883	3,643,107
AES Shady Point	Oklahoma	10671	1B		3,672,918	3,886,191	4,024,804	3,224,055	3,517,591
AES Shady Point	Oklahoma	10671	2A		3,285,795	4,012,785	2,824,710	3,235,888	2,654,048
AES Shady Point	Oklahoma	10671	2B		3,149,938	3,805,469	2,758,373	3,207,156	2,982,378
Anadarko	Oklahoma	3006	10	90430					157,955
Anadarko	Oklahoma	3006	11	90431					153,696
Anadarko	Oklahoma	3006	3	2028	2,619	3,308	78,860	3,482	1,917
Anadarko	Oklahoma	3006	7	8326	91,538	60,864	70,257	56,704	21,150
Anadarko	Oklahoma	3006	8	8328	80,068	53,386	60,177	56,854	16,098
Anadarko	Oklahoma	3006	9	90429					172,767
Anadarko Plant	Oklahoma	3006	4		2,190,425	1,562,425	2,223,466	1,449,960	
Anadarko Plant	Oklahoma	3006	5		1,331,622	1,994,420	1,108,410	1,804,980	
Anadarko Plant	Oklahoma	3006	6		1,644,858	1,815,838	1,459,357	1,063,807	
Chouteau Power Plant	Oklahoma	7757	1	3155	2,881,915	2,958,194	2,078,268	2,193,266	2,474,101
Chouteau Power Plant	Oklahoma	7757	2	3156	3,090,194	2,994,418	1,991,276	2,364,138	2,876,781
Comanche (8059)	Oklahoma	8059	7251	3452	2,352,560	2,819,806	2,736,985		2,016,406
Comanche (8059)	Oklahoma	8059	7252	3453	2,425,639	2,895,193	2,758,479	3,258,874	2,718,457
Grand River Dam Authority	Oklahoma	165	1	95	15,756,475	16,554,775	15,813,058	15,685,419	14,447,356
Grand River Dam Authority	Oklahoma	165	2	96	16,632,370	19,741,401	20,079,629	20,676,842	19,261,585
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	4006	3,947,711	3,839,972	3,618,797	3,838,033	3,685,561
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	4007	3,476,537	3,991,246	2,596,141	4,708,924	3,187,596
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	4008	3,668,682	3,359,371	3,231,099	4,057,862	3,576,510
Horseshoe Lake	Oklahoma	2951	10	1999	106,821	35,272	42,103	65,665	214,777
Horseshoe Lake	Oklahoma	2951	6	2000	1,769,628	1,892,749	2,446,107	2,686,482	3,022,970
Horseshoe Lake	Oklahoma	2951	7	2001	2,949,909	1,317,251	2,696,739	4,485,338	4,583,650
Horseshoe Lake	Oklahoma	2951	8	2002	4,160,309	5,903,077	1,844,706	2,382,164	5,904,903
Horseshoe Lake	Oklahoma	2951	9	2003	129,266	50,021	37,942	82,237	45,133

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Viaduct	Missouri	2096	CT01	1,474	372,941,836	0.000004	22,079	20,441	0
AES Shady Point	Oklahoma	10671	1A	4,044,382	354,401,657	0.011412	35,836	21,398	409
AES Shady Point	Oklahoma	10671	1B	3,861,304	354,401,657	0.010895	35,836	21,398	390
AES Shady Point	Oklahoma	10671	2A	3,511,489	354,401,657	0.009908	35,836	21,398	355
AES Shady Point	Oklahoma	10671	2B	3,387,521	354,401,657	0.009558	35,836	21,398	343
Anadarko	Oklahoma	3006	10	157,955	354,401,657	0.000446	35,836	21,398	16
Anadarko	Oklahoma	3006	11	153,696	354,401,657	0.000434	35,836	21,398	16
Anadarko	Oklahoma	3006	3	28,550	354,401,657	0.000081	35,836	21,398	3
Anadarko	Oklahoma	3006	7	74,220	354,401,657	0.000209	35,836	21,398	8
Anadarko	Oklahoma	3006	8	65,699	354,401,657	0.000185	35,836	21,398	7
Anadarko	Oklahoma	3006	9	172,767	354,401,657	0.000487	35,836	21,398	17
Anadarko Plant	Oklahoma	3006	4	1,992,105	354,401,657	0.005621	35,836	21,398	201
Anadarko Plant	Oklahoma	3006	5	1,710,341	354,401,657	0.004826	35,836	21,398	173
Anadarko Plant	Oklahoma	3006	6	1,640,018	354,401,657	0.004628	35,836	21,398	166
Chouteau Power Plant	Oklahoma	7757	1	2,771,403	354,401,657	0.007820	35,836	21,398	280
Chouteau Power Plant	Oklahoma	7757	2	2,987,131	354,401,657	0.008429	35,836	21,398	302
Comanche (8059)	Oklahoma	8059	7251	2,636,450	354,401,657	0.007439	35,836	21,398	267
Comanche (8059)	Oklahoma	8059	7252	2,970,849	354,401,657	0.008383	35,836	21,398	300
Grand River Dam Authority	Oklahoma	165	1	16,041,436	354,401,657	0.045263	35,836	21,398	1,622
Grand River Dam Authority	Oklahoma	165	2	20,165,957	354,401,657	0.056901	35,836	21,398	2,039
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	3,875,239	354,401,657	0.010935	35,836	21,398	392
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	4,058,902	354,401,657	0.011453	35,836	21,398	410
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	3,767,685	354,401,657	0.010631	35,836	21,398	381
Horseshoe Lake	Oklahoma	2951	10	129,088	354,401,657	0.000364	35,836	21,398	13
Horseshoe Lake	Oklahoma	2951	6	2,718,520	354,401,657	0.007671	35,836	21,398	275
Horseshoe Lake	Oklahoma	2951	7	4,006,299	354,401,657	0.011304	35,836	21,398	405
Horseshoe Lake	Oklahoma	2951	8	5,322,763	354,401,657	0.015019	35,836	21,398	538
Horseshoe Lake	Oklahoma	2951	9	87,174	354,401,657	0.000246	35,836	21,398	9

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Viaduct	Missouri	2096	CT01	0					
AES Shady Point	Oklahoma	10671	1A	244		70	94	125	129
AES Shady Point	Oklahoma	10671	1B	233		69	70	93	99
AES Shady Point	Oklahoma	10671	2A	212		57	75	99	162
AES Shady Point	Oklahoma	10671	2B	205		66	73	73	87
Anadarko	Oklahoma	3006	10	10					
Anadarko	Oklahoma	3006	11	9					
Anadarko	Oklahoma	3006	3	2				0	0
Anadarko	Oklahoma	3006	7	4	6	1	3	4	2
Anadarko	Oklahoma	3006	8	4	5	2	4	3	2
Anadarko	Oklahoma	3006	9	10					
Anadarko Plant	Oklahoma	3006	4	120	478	295	361	657	469
Anadarko Plant	Oklahoma	3006	5	103	314	153	449	399	598
Anadarko Plant	Oklahoma	3006	6	99	495	425	252	493	545
Chouteau Power Plant	Oklahoma	7757	1	167	19	25	40	34	39
Chouteau Power Plant	Oklahoma	7757	2	180	17	25	38	38	38
Comanche (8059)	Oklahoma	8059	7251	159	632	573	610	538	605
Comanche (8059)	Oklahoma	8059	7252	179	583	439	595	525	615
Grand River Dam Authority	Oklahoma	165	1	969	3,961	2,456	3,535	3,308	3,346
Grand River Dam Authority	Oklahoma	165	2	1,218	3,200	3,312	3,051	3,130	2,933
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	234	44	51	73	65	56
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	245	39	60	66	57	64
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	227	48	67	59	60	52
Horseshoe Lake	Oklahoma	2951	10	8	5	5	7	4	2
Horseshoe Lake	Oklahoma	2951	6	164	269	339	149	230	250
Horseshoe Lake	Oklahoma	2951	7	242	357	252	240	255	141
Horseshoe Lake	Oklahoma	2951	8	321	513	375	345	287	404
Horseshoe Lake	Oklahoma	2951	9	5	1	6	14	4	2

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
Viaduct	Missouri	2096	CT01		0	1	1		
AES Shady Point	Oklahoma	10671	1A	217	186	220	220		
AES Shady Point	Oklahoma	10671	1B	186	110	207	207		
AES Shady Point	Oklahoma	10671	2A	136	153	204	204		
AES Shady Point	Oklahoma	10671	2B	90	116	207	207		
Anadarko	Oklahoma	3006	10			7	7		
Anadarko	Oklahoma	3006	11			6	6		
Anadarko	Oklahoma	3006	3	10	0	0	10		
Anadarko	Oklahoma	3006	7	2	2	1	6		
Anadarko	Oklahoma	3006	8	2	2	1	5		
Anadarko	Oklahoma	3006	9			7	7		
Anadarko Plant	Oklahoma	3006	4	667	435		667		
Anadarko Plant	Oklahoma	3006	5	333	541		598		
Anadarko Plant	Oklahoma	3006	6	438	319		545		
Chouteau Power Plant	Oklahoma	7757	1	30	25	29	40		
Chouteau Power Plant	Oklahoma	7757	2	26	25	36	38		
Comanche (8059)	Oklahoma	8059	7251	613		467	632		
Comanche (8059)	Oklahoma	8059	7252	652	964	701	964		
Grand River Dam Authority	Oklahoma	165	1	2,746	2,631	2,653	3,961		
Grand River Dam Authority	Oklahoma	165	2	3,075	3,380	3,235	3,380		
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	54	54	57	73		
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	38	63	47	66		
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	47	53	49	67		
Horseshoe Lake	Oklahoma	2951	10	2	3	10	10		
Horseshoe Lake	Oklahoma	2951	6	327	377	397	397		
Horseshoe Lake	Oklahoma	2951	7	201	316	301	357		
Horseshoe Lake	Oklahoma	2951	8	94	163	427	513		
Horseshoe Lake	Oklahoma	2951	9	2	4	2	14		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Viaduct	Missouri	2096	CT01						
AES Shady Point	Oklahoma	10671	1A						
AES Shady Point	Oklahoma	10671	1B						
AES Shady Point	Oklahoma	10671	2A						
AES Shady Point	Oklahoma	10671	2B						
Anadarko	Oklahoma	3006	10						
Anadarko	Oklahoma	3006	11						
Anadarko	Oklahoma	3006	3						
Anadarko	Oklahoma	3006	7						
Anadarko	Oklahoma	3006	8						
Anadarko	Oklahoma	3006	9						
Anadarko Plant	Oklahoma	3006	4						
Anadarko Plant	Oklahoma	3006	5						
Anadarko Plant	Oklahoma	3006	6						
Chouteau Power Plant	Oklahoma	7757	1						
Chouteau Power Plant	Oklahoma	7757	2						
Comanche (8059)	Oklahoma	8059	7251						
Comanche (8059)	Oklahoma	8059	7252						
Grand River Dam Authority	Oklahoma	165	1						
Grand River Dam Authority	Oklahoma	165	2						
Green Country Energy, LLC	Oklahoma	55146	CTGEN1						
Green Country Energy, LLC	Oklahoma	55146	CTGEN2						
Green Country Energy, LLC	Oklahoma	55146	CTGEN3						
Horseshoe Lake	Oklahoma	2951	10						
Horseshoe Lake	Oklahoma	2951	6						
Horseshoe Lake	Oklahoma	2951	7						
Horseshoe Lake	Oklahoma	2951	8						
Horseshoe Lake	Oklahoma	2951	9						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
Viaduct	Missouri	2096	CT01	0	0	0	0
AES Shady Point	Oklahoma	10671	1A	220	220	220	220
AES Shady Point	Oklahoma	10671	1B	207	207	207	207
AES Shady Point	Oklahoma	10671	2A	204	204	204	204
AES Shady Point	Oklahoma	10671	2B	207	207	207	207
Anadarko	Oklahoma	3006	10	7	7	7	7
Anadarko	Oklahoma	3006	11	6	6	6	6
Anadarko	Oklahoma	3006	3	4	2	2	2
Anadarko	Oklahoma	3006	7	6	6	6	6
Anadarko	Oklahoma	3006	8	5	5	5	5
Anadarko	Oklahoma	3006	9	7	7	7	7
Anadarko Plant	Oklahoma	3006	4	275	150	150	150
Anadarko Plant	Oklahoma	3006	5	236	129	129	129
Anadarko Plant	Oklahoma	3006	6	226	123	123	123
Chouteau Power Plant	Oklahoma	7757	1	40	40	40	40
Chouteau Power Plant	Oklahoma	7757	2	38	38	38	38
Comanche (8059)	Oklahoma	8059	7251	363	198	198	198
Comanche (8059)	Oklahoma	8059	7252	409	223	223	223
Grand River Dam Authority	Oklahoma	165	1	2,211	1,207	1,207	1,207
Grand River Dam Authority	Oklahoma	165	2	2,779	1,517	1,517	1,517
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	73	73	73	73
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	66	66	66	66
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	67	67	67	67
Horseshoe Lake	Oklahoma	2951	10	10	10	10	10
Horseshoe Lake	Oklahoma	2951	6	375	204	204	204
Horseshoe Lake	Oklahoma	2951	7	357	301	301	301
Horseshoe Lake	Oklahoma	2951	8	513	400	400	400
Horseshoe Lake	Oklahoma	2951	9	12	7	7	7

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE))	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF))	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG))	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH))	
Calculation								
Viaduct	Missouri	2096	CT01	0	0	0	0	Y
AES Shady Point	Oklahoma	10671	1A	220	220	220	220	
AES Shady Point	Oklahoma	10671	1B	207	207	207	207	
AES Shady Point	Oklahoma	10671	2A	204	204	204	204	
AES Shady Point	Oklahoma	10671	2B	207	207	207	207	
Anadarko	Oklahoma	3006	10	7	7	7	7	
Anadarko	Oklahoma	3006	11	6	6	6	6	
Anadarko	Oklahoma	3006	3	2	2	2	2	
Anadarko	Oklahoma	3006	7	6	6	6	6	
Anadarko	Oklahoma	3006	8	5	5	5	5	
Anadarko	Oklahoma	3006	9	7	7	7	7	
Anadarko Plant	Oklahoma	3006	4	150	150	150	150	
Anadarko Plant	Oklahoma	3006	5	129	129	129	129	
Anadarko Plant	Oklahoma	3006	6	123	123	123	123	
Chouteau Power Plant	Oklahoma	7757	1	40	40	40	40	
Chouteau Power Plant	Oklahoma	7757	2	38	38	38	38	
Comanche (8059)	Oklahoma	8059	7251	198	198	198	198	
Comanche (8059)	Oklahoma	8059	7252	223	223	223	223	
Grand River Dam Authority	Oklahoma	165	1	1,207	1,207	1,207	1,207	
Grand River Dam Authority	Oklahoma	165	2	1,517	1,517	1,517	1,517	
Green Country Energy, LLC	Oklahoma	55146	CTGEN1	73	73	73	73	
Green Country Energy, LLC	Oklahoma	55146	CTGEN2	66	66	66	66	
Green Country Energy, LLC	Oklahoma	55146	CTGEN3	67	67	67	67	
Horseshoe Lake	Oklahoma	2951	10	10	10	10	10	
Horseshoe Lake	Oklahoma	2951	6	204	204	204	204	
Horseshoe Lake	Oklahoma	2951	7	301	301	301	301	
Horseshoe Lake	Oklahoma	2951	8	400	400	400	400	
Horseshoe Lake	Oklahoma	2951	9	7	7	7	7	

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Viaduct	Missouri	2096	CT01	Y		Y		
AES Shady Point	Oklahoma	10671	1A			Y	Y	Y
AES Shady Point	Oklahoma	10671	1B			Y	Y	Y
AES Shady Point	Oklahoma	10671	2A			Y	Y	Y
AES Shady Point	Oklahoma	10671	2B			Y	Y	Y
Anadarko	Oklahoma	3006	10			Y		Y
Anadarko	Oklahoma	3006	11			Y		Y
Anadarko	Oklahoma	3006	3			Y		
Anadarko	Oklahoma	3006	7			Y		
Anadarko	Oklahoma	3006	8			Y		
Anadarko	Oklahoma	3006	9			Y		Y
Anadarko Plant	Oklahoma	3006	4			Y	Y	
Anadarko Plant	Oklahoma	3006	5			Y	Y	
Anadarko Plant	Oklahoma	3006	6			Y	Y	
Chouteau Power Plant	Oklahoma	7757	1			Y		
Chouteau Power Plant	Oklahoma	7757	2			Y		
Comanche (8059)	Oklahoma	8059	7251			Y		
Comanche (8059)	Oklahoma	8059	7252			Y		
Grand River Dam Authority	Oklahoma	165	1			Y		
Grand River Dam Authority	Oklahoma	165	2			Y		
Green Country Energy, LLC	Oklahoma	55146	CTGEN1			Y		
Green Country Energy, LLC	Oklahoma	55146	CTGEN2			Y		
Green Country Energy, LLC	Oklahoma	55146	CTGEN3			Y		
Horseshoe Lake	Oklahoma	2951	10			Y		
Horseshoe Lake	Oklahoma	2951	6			Y		
Horseshoe Lake	Oklahoma	2951	7			Y		
Horseshoe Lake	Oklahoma	2951	8			Y		
Horseshoe Lake	Oklahoma	2951	9			Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Hugo	Oklahoma	6772	1	2908	13,657,109	17,601,986	15,222,528	14,611,919	13,078,690
McClain Energy Facility	Oklahoma	55457	CT1	4808	4,765,347	4,960,897	4,134,239	5,232,249	4,805,703
McClain Energy Facility	Oklahoma	55457	CT2	4809	4,757,341	4,950,893	4,141,116	5,303,875	4,886,540
Mooreland	Oklahoma	3008	1	2029	96,669	29,629	52,930	25,151	52,018
Mooreland	Oklahoma	3008	2	2030	1,058,025	1,051,916	1,076,125	1,679,950	1,304,916
Mooreland	Oklahoma	3008	3	2031	1,200,262	415,257	662,234	1,366,821	1,982,371
Muskogee	Oklahoma	2952	3	2004	992,147	2,052,326	1,232,405		
Muskogee	Oklahoma	2952	4	2005	17,286,103	9,926,125	15,673,226	15,376,174	13,737,245
Muskogee	Oklahoma	2952	5	2006	16,225,451	16,144,475	17,864,757	15,314,870	13,531,963
Muskogee	Oklahoma	2952	6	2007	13,386,878	14,682,280	16,891,540	14,302,839	14,295,099
Mustang	Oklahoma	2953	1	2008	52,456	78,500	40,494	145,394	648,384
Mustang	Oklahoma	2953	2	2009	26,874	76,013	37,530	148,501	636,546
Mustang	Oklahoma	2953	3	2010	661,581	1,283,499	1,866,361	1,211,209	1,700,657
Mustang	Oklahoma	2953	4	2011	3,161,146	3,847,486	3,832,064	2,884,014	1,884,097
Mustang	Oklahoma	2953	5A		26,604	23,673	8,571	22,825	85,885
Mustang	Oklahoma	2953	5B		26,604	23,673	8,571	22,825	85,885
Northeastern	Oklahoma	2963	3301A	2016	3,444,220	4,917,054	4,396,976	3,934,873	4,240,500
Northeastern	Oklahoma	2963	3301B	2017	3,216,006	4,703,857	4,921,168	3,779,502	4,028,063
Northeastern	Oklahoma	2963	3302	2018	9,108,024	3,785,709	7,244,187	4,515,534	8,298,493
Northeastern	Oklahoma	2963	3313	2019	15,112,778	15,670,094	13,081,465	15,890,988	15,047,232
Northeastern	Oklahoma	2963	3314	2020	16,116,210	11,617,590	15,646,225	15,332,503	13,057,443
Oneta Energy Center	Oklahoma	55225	CTG-1	4187	1,665,163	2,798,087	2,296,003	3,130,006	3,461,220
Oneta Energy Center	Oklahoma	55225	CTG-2	4188	1,822,923	2,781,798	1,961,661	3,045,088	3,477,826
Oneta Energy Center	Oklahoma	55225	CTG-3	4189	1,956,841	3,557,953	1,975,800	3,011,809	2,942,759
Oneta Energy Center	Oklahoma	55225	CTG-4	4190	1,990,765	2,814,598	1,987,611	3,265,137	3,696,782
Ponca	Oklahoma	762	2	565	21,027	3,734	4,979	1,446	1,895
Ponca	Oklahoma	762	3	566	601,867	456,107	442,892	154,540	271,357
Ponca	Oklahoma	762	4	89334	229,483	236,671	68,147	47,036	94,697

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Hugo	Oklahoma	6772	1	15,812,144	354,401,657	0.044616	35,836	21,398	1,599
McClain Energy Facility	Oklahoma	55457	CT1	4,999,616	354,401,657	0.014107	35,836	21,398	506
McClain Energy Facility	Oklahoma	55457	CT2	5,047,102	354,401,657	0.014241	35,836	21,398	510
Mooreland	Oklahoma	3008	1	67,206	354,401,657	0.000190	35,836	21,398	7
Mooreland	Oklahoma	3008	2	1,353,664	354,401,657	0.003820	35,836	21,398	137
Mooreland	Oklahoma	3008	3	1,516,484	354,401,657	0.004279	35,836	21,398	153
Muskogee	Oklahoma	2952	3	1,425,626	354,401,657	0.004023	35,836	21,398	144
Muskogee	Oklahoma	2952	4	16,111,834	354,401,657	0.045462	35,836	21,398	1,629
Muskogee	Oklahoma	2952	5	16,744,894	354,401,657	0.047248	35,836	21,398	1,693
Muskogee	Oklahoma	2952	6	15,292,220	354,401,657	0.043149	35,836	21,398	1,546
Mustang	Oklahoma	2953	1	290,759	354,401,657	0.000820	35,836	21,398	29
Mustang	Oklahoma	2953	2	287,020	354,401,657	0.000810	35,836	21,398	29
Mustang	Oklahoma	2953	3	1,616,839	354,401,657	0.004562	35,836	21,398	163
Mustang	Oklahoma	2953	4	3,613,565	354,401,657	0.010196	35,836	21,398	365
Mustang	Oklahoma	2953	5A	45,387	354,401,657	0.000128	35,836	21,398	5
Mustang	Oklahoma	2953	5B	45,387	354,401,657	0.000128	35,836	21,398	5
Northeastern	Oklahoma	2963	3301A	4,518,177	354,401,657	0.012749	35,836	21,398	457
Northeastern	Oklahoma	2963	3301B	4,551,029	354,401,657	0.012841	35,836	21,398	460
Northeastern	Oklahoma	2963	3302	8,216,901	354,401,657	0.023185	35,836	21,398	831
Northeastern	Oklahoma	2963	3313	15,557,953	354,401,657	0.043899	35,836	21,398	1,573
Northeastern	Oklahoma	2963	3314	15,698,313	354,401,657	0.044295	35,836	21,398	1,587
Oneta Energy Center	Oklahoma	55225	CTG-1	3,129,771	354,401,657	0.008831	35,836	21,398	316
Oneta Energy Center	Oklahoma	55225	CTG-2	3,101,571	354,401,657	0.008752	35,836	21,398	314
Oneta Energy Center	Oklahoma	55225	CTG-3	3,170,840	354,401,657	0.008947	35,836	21,398	321
Oneta Energy Center	Oklahoma	55225	CTG-4	3,258,839	354,401,657	0.009195	35,836	21,398	330
Ponca	Oklahoma	762	2	9,913	354,401,657	0.000028	35,836	21,398	1
Ponca	Oklahoma	762	3	500,289	354,401,657	0.001412	35,836	21,398	51
Ponca	Oklahoma	762	4	186,950	354,401,657	0.000528	35,836	21,398	19

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Hugo	Oklahoma	6772	1	955	1,515	1,946	1,881	1,617	1,638
McClain Energy Facility	Oklahoma	55457	CT1	302	46	63	62	64	68
McClain Energy Facility	Oklahoma	55457	CT2	305	42	68	61	66	67
Mooreland	Oklahoma	3008	1	4	5			17	4
Mooreland	Oklahoma	3008	2	82	91	26	85	103	71
Mooreland	Oklahoma	3008	3	92	73	7	21	89	29
Muskogee	Oklahoma	2952	3	86	168	107	131	137	319
Muskogee	Oklahoma	2952	4	973	2,032	1,911	2,702	2,551	1,399
Muskogee	Oklahoma	2952	5	1,011	3,087	2,259	2,432	2,526	2,529
Muskogee	Oklahoma	2952	6	923	3,084	2,573	3,062	2,491	2,372
Mustang	Oklahoma	2953	1	18	5	4	4	6	8
Mustang	Oklahoma	2953	2	17	5	4	1	2	6
Mustang	Oklahoma	2953	3	98	162	178	123	83	164
Mustang	Oklahoma	2953	4	218	692	446	550	663	716
Mustang	Oklahoma	2953	5A	3			5		3
Mustang	Oklahoma	2953	5B	3			5		3
Northeastern	Oklahoma	2963	3301A	273	44	59	101	65	89
Northeastern	Oklahoma	2963	3301B	275	56	45	89	56	77
Northeastern	Oklahoma	2963	3302	496	1,747	474	2,334	2,339	791
Northeastern	Oklahoma	2963	3313	939	2,825	2,468	2,514	3,027	2,622
Northeastern	Oklahoma	2963	3314	948	2,941	3,022	2,559	3,305	1,986
Oneta Energy Center	Oklahoma	55225	CTG-1	189	15	6	18	25	41
Oneta Energy Center	Oklahoma	55225	CTG-2	187	10	14	20	24	41
Oneta Energy Center	Oklahoma	55225	CTG-3	191	237	25	14	30	52
Oneta Energy Center	Oklahoma	55225	CTG-4	197	245	27	19	26	38
Ponca	Oklahoma	762	2	1	1	0	0	2	0
Ponca	Oklahoma	762	3	30	14	20	22	25	19
Ponca	Oklahoma	762	4	11	5	8	12	10	10

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
Hugo	Oklahoma	6772	1	1,438	1,351	1,264	1,946		
McClain Energy Facility	Oklahoma	55457	CT1	58	74	69	74		
McClain Energy Facility	Oklahoma	55457	CT2	61	79	72	79		
Mooreland	Oklahoma	3008	1	11	4	11	17		
Mooreland	Oklahoma	3008	2	90	128	104	128		
Mooreland	Oklahoma	3008	3	49	94	138	138		
Muskogee	Oklahoma	2952	3	175			319		
Muskogee	Oklahoma	2952	4	2,117	2,453	2,460	2,702		
Muskogee	Oklahoma	2952	5	2,728	2,257	2,429	3,087		
Muskogee	Oklahoma	2952	6	3,057	2,404	2,509	3,084		
Mustang	Oklahoma	2953	1	4	15	49	49		
Mustang	Oklahoma	2953	2	3	11	38	38		
Mustang	Oklahoma	2953	3	215	142	185	215		
Mustang	Oklahoma	2953	4	619	491	397	716		
Mustang	Oklahoma	2953	5A				5		
Mustang	Oklahoma	2953	5B				5		
Northeastern	Oklahoma	2963	3301A	74	61	75	101		
Northeastern	Oklahoma	2963	3301B	85	61	72	89		
Northeastern	Oklahoma	2963	3302	1,459	906	1,772	2,339		
Northeastern	Oklahoma	2963	3313	2,390	3,026	2,780	3,027		
Northeastern	Oklahoma	2963	3314	2,991	2,933	2,492	3,305		
Oneta Energy Center	Oklahoma	55225	CTG-1	38	46	63	63		
Oneta Energy Center	Oklahoma	55225	CTG-2	33	49	64	64		
Oneta Energy Center	Oklahoma	55225	CTG-3	35	55	53	237		
Oneta Energy Center	Oklahoma	55225	CTG-4	34	62	67	245		
Ponca	Oklahoma	762	2	0	0	0	2		
Ponca	Oklahoma	762	3	17	6	12	25		
Ponca	Oklahoma	762	4	3	2	5	12		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Hugo	Oklahoma	6772	1						
McClain Energy Facility	Oklahoma	55457	CT1						
McClain Energy Facility	Oklahoma	55457	CT2						
Mooreland	Oklahoma	3008	1						
Mooreland	Oklahoma	3008	2						
Mooreland	Oklahoma	3008	3						
Muskogee	Oklahoma	2952	3						
Muskogee	Oklahoma	2952	4						
Muskogee	Oklahoma	2952	5						
Muskogee	Oklahoma	2952	6						
Mustang	Oklahoma	2953	1						
Mustang	Oklahoma	2953	2						
Mustang	Oklahoma	2953	3						
Mustang	Oklahoma	2953	4						
Mustang	Oklahoma	2953	5A						
Mustang	Oklahoma	2953	5B						
Northeastern	Oklahoma	2963	3301A						
Northeastern	Oklahoma	2963	3301B						
Northeastern	Oklahoma	2963	3302						
Northeastern	Oklahoma	2963	3313						
Northeastern	Oklahoma	2963	3314						
Oneta Energy Center	Oklahoma	55225	CTG-1						
Oneta Energy Center	Oklahoma	55225	CTG-2						
Oneta Energy Center	Oklahoma	55225	CTG-3						
Oneta Energy Center	Oklahoma	55225	CTG-4						
Ponca	Oklahoma	762	2						
Ponca	Oklahoma	762	3						
Ponca	Oklahoma	762	4						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
Hugo	Oklahoma	6772	1	1,946	1,189	1,189	1,189
McClain Energy Facility	Oklahoma	55457	CT1	74	74	74	74
McClain Energy Facility	Oklahoma	55457	CT2	79	79	79	79
Mooreland	Oklahoma	3008	1	9	5	5	5
Mooreland	Oklahoma	3008	2	128	102	102	102
Mooreland	Oklahoma	3008	3	138	114	114	114
Muskogee	Oklahoma	2952	3	196	107	107	107
Muskogee	Oklahoma	2952	4	2,220	1,212	1,212	1,212
Muskogee	Oklahoma	2952	5	2,308	1,259	1,259	1,259
Muskogee	Oklahoma	2952	6	2,107	1,150	1,150	1,150
Mustang	Oklahoma	2953	1	40	22	22	22
Mustang	Oklahoma	2953	2	38	22	22	22
Mustang	Oklahoma	2953	3	215	122	122	122
Mustang	Oklahoma	2953	4	498	272	272	272
Mustang	Oklahoma	2953	5A	5	3	3	3
Mustang	Oklahoma	2953	5B	5	3	3	3
Northeastern	Oklahoma	2963	3301A	101	101	101	101
Northeastern	Oklahoma	2963	3301B	89	89	89	89
Northeastern	Oklahoma	2963	3302	1,132	618	618	618
Northeastern	Oklahoma	2963	3313	2,144	1,170	1,170	1,170
Northeastern	Oklahoma	2963	3314	2,163	1,181	1,181	1,181
Oneta Energy Center	Oklahoma	55225	CTG-1	63	63	63	63
Oneta Energy Center	Oklahoma	55225	CTG-2	64	64	64	64
Oneta Energy Center	Oklahoma	55225	CTG-3	237	237	237	237
Oneta Energy Center	Oklahoma	55225	CTG-4	245	245	245	245
Ponca	Oklahoma	762	2	1	1	1	1
Ponca	Oklahoma	762	3	25	25	25	25
Ponca	Oklahoma	762	4	12	12	12	12

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
Hugo	Oklahoma	6772	1	1,189	1,189	1,189	1,189	
McClain Energy Facility	Oklahoma	55457	CT1	74	74	74	74	
McClain Energy Facility	Oklahoma	55457	CT2	79	79	79	79	
Mooreland	Oklahoma	3008	1	5	5	5	5	
Mooreland	Oklahoma	3008	2	102	102	102	102	
Mooreland	Oklahoma	3008	3	114	114	114	114	
Muskogee	Oklahoma	2952	3	107	107	107	107	
Muskogee	Oklahoma	2952	4	1,212	1,212	1,212	1,212	
Muskogee	Oklahoma	2952	5	1,259	1,259	1,259	1,259	
Muskogee	Oklahoma	2952	6	1,150	1,150	1,150	1,150	
Mustang	Oklahoma	2953	1	22	22	22	22	
Mustang	Oklahoma	2953	2	22	22	22	22	
Mustang	Oklahoma	2953	3	122	122	122	122	
Mustang	Oklahoma	2953	4	272	272	272	272	
Mustang	Oklahoma	2953	5A	3	3	3	3	
Mustang	Oklahoma	2953	5B	3	3	3	3	
Northeastern	Oklahoma	2963	3301A	101	101	101	101	
Northeastern	Oklahoma	2963	3301B	89	89	89	89	
Northeastern	Oklahoma	2963	3302	618	618	618	618	
Northeastern	Oklahoma	2963	3313	1,170	1,170	1,170	1,170	
Northeastern	Oklahoma	2963	3314	1,181	1,181	1,181	1,181	
Oneta Energy Center	Oklahoma	55225	CTG-1	63	63	63	63	
Oneta Energy Center	Oklahoma	55225	CTG-2	64	64	64	64	
Oneta Energy Center	Oklahoma	55225	CTG-3	237	237	237	237	
Oneta Energy Center	Oklahoma	55225	CTG-4	245	245	245	245	
Ponca	Oklahoma	762	2	1	1	1	1	
Ponca	Oklahoma	762	3	25	25	25	25	
Ponca	Oklahoma	762	4	12	12	12	12	

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Hugo	Oklahoma	6772	1			Y		
McClain Energy Facility	Oklahoma	55457	CT1			Y		
McClain Energy Facility	Oklahoma	55457	CT2			Y		
Mooreland	Oklahoma	3008	1			Y		
Mooreland	Oklahoma	3008	2			Y		
Mooreland	Oklahoma	3008	3			Y		
Muskogee	Oklahoma	2952	3			Y		
Muskogee	Oklahoma	2952	4			Y		
Muskogee	Oklahoma	2952	5			Y		
Muskogee	Oklahoma	2952	6			Y		
Mustang	Oklahoma	2953	1			Y		
Mustang	Oklahoma	2953	2			Y		
Mustang	Oklahoma	2953	3			Y		
Mustang	Oklahoma	2953	4			Y		
Mustang	Oklahoma	2953	5A			Y	Y	
Mustang	Oklahoma	2953	5B			Y	Y	
Northeastern	Oklahoma	2963	3301A			Y		
Northeastern	Oklahoma	2963	3301B			Y		
Northeastern	Oklahoma	2963	3302			Y		
Northeastern	Oklahoma	2963	3313			Y		
Northeastern	Oklahoma	2963	3314			Y		
Oneta Energy Center	Oklahoma	55225	CTG-1			Y		
Oneta Energy Center	Oklahoma	55225	CTG-2			Y		
Oneta Energy Center	Oklahoma	55225	CTG-3			Y		
Oneta Energy Center	Oklahoma	55225	CTG-4			Y		
Ponca	Oklahoma	762	2			Y		
Ponca	Oklahoma	762	3			Y		
Ponca	Oklahoma	762	4			Y		

Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	Step 1				
					2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
PowerSmith Cogeneration Project	Oklahoma	50558	GT01		1,792,575	2,229,785	1,487,010	1,201,970	
Redbud Power Plant	Oklahoma	55463	CT-01	4817	4,244,177	3,330,193	3,442,123	4,093,104	5,207,216
Redbud Power Plant	Oklahoma	55463	CT-02	4818	3,647,595	3,135,815	3,185,071	4,542,011	3,858,407
Redbud Power Plant	Oklahoma	55463	CT-03	4819	3,464,467	2,869,937	3,234,994	3,487,501	4,049,228
Redbud Power Plant	Oklahoma	55463	CT-04	4820	3,737,173	3,061,596	3,202,831	4,110,560	5,697,812
Riverside (4940)	Oklahoma	4940	1501	2660	7,449,952	5,498,342	4,998,952	6,058,773	4,263,138
Riverside (4940)	Oklahoma	4940	1502	2661	6,062,909	5,770,436	6,357,354	5,530,506	6,559,178
Riverside (4940)	Oklahoma	4940	1503	1871	14,245		340,648	67,391	230,586
Riverside (4940)	Oklahoma	4940	1504	1872	12,049		233,926	44,162	169,837
Seminole (2956)	Oklahoma	2956	1	2012	4,798,232	6,007,049	5,611,617	6,873,578	6,440,516
Seminole (2956)	Oklahoma	2956	2	2013	5,879,787	6,576,213	5,345,671	7,440,006	5,366,529
Seminole (2956)	Oklahoma	2956	3	2014	7,082,528	5,712,747	5,930,133	3,797,882	6,775,262
Sooner	Oklahoma	6095	1	2773	16,879,090	18,687,158	16,769,782	13,951,874	15,250,468
Sooner	Oklahoma	6095	2	2774	16,978,874	10,017,294	16,925,288	13,416,497	13,875,373
Southwestern	Oklahoma	2964	8002	2021	170,266	105,138	79,227	174,593	457,715
Southwestern	Oklahoma	2964	8003	2022	3,812,455	3,405,724	4,519,624	4,231,419	4,603,800
Southwestern	Oklahoma	2964	8004	1873	8,285		295,372	140,660	245,829
Southwestern	Oklahoma	2964	8005	1874	10,461		272,734	119,163	199,716
Southwestern	Oklahoma	2964	801N	2023	84,604	70,091	57,751	103,025	244,030
Southwestern	Oklahoma	2964	801S	2024	75,823	67,687	57,132	102,992	244,058
Spring Creek Power Plant	Oklahoma	55651	CT-01	5035	47,354	264,770	24,679	45,953	288,191
Spring Creek Power Plant	Oklahoma	55651	CT-02	5036	64,925	291,881	34,537	184,922	271,928
Spring Creek Power Plant	Oklahoma	55651	CT-03	5037	204,567	283,712	30,066	185,085	256,713
Spring Creek Power Plant	Oklahoma	55651	CT-04	5038	365,588	290,471	38,601	199,438	239,568
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	4899	4,748,917	5,127,973	5,575,785	5,460,097	5,021,051
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	4900	4,793,983	5,159,798	5,491,872	5,461,252	4,732,816
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	4901	5,687,041	4,806,390	5,194,273	5,454,443	5,072,012
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	4902	5,619,269	5,293,262	5,110,723	5,506,411	4,817,980

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	1,836,457	354,401,657	0.005182	35,836	21,398	186
Redbud Power Plant	Oklahoma	55463	CT-01	4,514,832	354,401,657	0.012739	35,836	21,398	457
Redbud Power Plant	Oklahoma	55463	CT-02	4,016,005	354,401,657	0.011332	35,836	21,398	406
Redbud Power Plant	Oklahoma	55463	CT-03	3,667,065	354,401,657	0.010347	35,836	21,398	371
Redbud Power Plant	Oklahoma	55463	CT-04	4,515,182	354,401,657	0.012740	35,836	21,398	457
Riverside (4940)	Oklahoma	4940	1501	6,335,689	354,401,657	0.017877	35,836	21,398	641
Riverside (4940)	Oklahoma	4940	1502	6,326,481	354,401,657	0.017851	35,836	21,398	640
Riverside (4940)	Oklahoma	4940	1503	212,875	354,401,657	0.000601	35,836	21,398	22
Riverside (4940)	Oklahoma	4940	1504	149,309	354,401,657	0.000421	35,836	21,398	15
Seminole (2956)	Oklahoma	2956	1	6,440,381	354,401,657	0.018173	35,836	21,398	651
Seminole (2956)	Oklahoma	2956	2	6,632,002	354,401,657	0.018713	35,836	21,398	671
Seminole (2956)	Oklahoma	2956	3	6,595,974	354,401,657	0.018612	35,836	21,398	667
Sooner	Oklahoma	6095	1	17,445,343	354,401,657	0.049225	35,836	21,398	1,764
Sooner	Oklahoma	6095	2	15,926,511	354,401,657	0.044939	35,836	21,398	1,610
Southwestern	Oklahoma	2964	8002	267,525	354,401,657	0.000755	35,836	21,398	27
Southwestern	Oklahoma	2964	8003	4,451,614	354,401,657	0.012561	35,836	21,398	450
Southwestern	Oklahoma	2964	8004	227,287	354,401,657	0.000641	35,836	21,398	23
Southwestern	Oklahoma	2964	8005	197,204	354,401,657	0.000556	35,836	21,398	20
Southwestern	Oklahoma	2964	801N	143,886	354,401,657	0.000406	35,836	21,398	15
Southwestern	Oklahoma	2964	801S	140,958	354,401,657	0.000398	35,836	21,398	14
Spring Creek Power Plant	Oklahoma	55651	CT-01	200,105	354,401,657	0.000565	35,836	21,398	20
Spring Creek Power Plant	Oklahoma	55651	CT-02	249,577	354,401,657	0.000704	35,836	21,398	25
Spring Creek Power Plant	Oklahoma	55651	CT-03	248,330	354,401,657	0.000701	35,836	21,398	25
Spring Creek Power Plant	Oklahoma	55651	CT-04	298,542	354,401,657	0.000842	35,836	21,398	30
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	5,387,951	354,401,657	0.015203	35,836	21,398	545
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	5,370,974	354,401,657	0.015155	35,836	21,398	543
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	5,445,252	354,401,657	0.015365	35,836	21,398	551
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	5,472,981	354,401,657	0.015443	35,836	21,398	553

Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	Step 7				
					2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	111		18	370		172
Redbud Power Plant	Oklahoma	55463	CT-01	273	0	5	17	33	26
Redbud Power Plant	Oklahoma	55463	CT-02	242	9	9	26	27	23
Redbud Power Plant	Oklahoma	55463	CT-03	221	5	16	20	25	21
Redbud Power Plant	Oklahoma	55463	CT-04	273	3	9	24	25	21
Riverside (4940)	Oklahoma	4940	1501	383	539	195	1,082	1,055	944
Riverside (4940)	Oklahoma	4940	1502	382	684	912	927	817	651
Riverside (4940)	Oklahoma	4940	1503	13	0	1	0	0	
Riverside (4940)	Oklahoma	4940	1504	9	0	0	0	0	
Seminole (2956)	Oklahoma	2956	1	389	530	542	473	465	546
Seminole (2956)	Oklahoma	2956	2	400	627	865	748	698	855
Seminole (2956)	Oklahoma	2956	3	398	664	783	748	658	571
Sooner	Oklahoma	6095	1	1,053	2,921	3,000	3,376	3,193	3,263
Sooner	Oklahoma	6095	2	962	2,311	2,955	2,350	2,799	1,596
Southwestern	Oklahoma	2964	8002	16	18	9	32	28	11
Southwestern	Oklahoma	2964	8003	269	1,508	861	1,411	1,139	928
Southwestern	Oklahoma	2964	8004	14	0	0		0	
Southwestern	Oklahoma	2964	8005	12	0	0	0	0	
Southwestern	Oklahoma	2964	801N	9	7	4	12	11	6
Southwestern	Oklahoma	2964	801S	9	7	3	10	9	6
Spring Creek Power Plant	Oklahoma	55651	CT-01	12	1	1	1	1	4
Spring Creek Power Plant	Oklahoma	55651	CT-02	15	1	1	1	1	4
Spring Creek Power Plant	Oklahoma	55651	CT-03	15	3	2	1	3	4
Spring Creek Power Plant	Oklahoma	55651	CT-04	18	3	2	2	6	4
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	325	51	58	86	73	79
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	324	54	67	82	69	71
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	329	49	74	82	85	72
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	330	46	73	81	82	81

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
PowerSmith Cogeneration Project	Oklahoma	50558	GT01				370		
Redbud Power Plant	Oklahoma	55463	CT-01	25	28	27	33		
Redbud Power Plant	Oklahoma	55463	CT-02	22	32	23	32		
Redbud Power Plant	Oklahoma	55463	CT-03	21	26	25	26		
Redbud Power Plant	Oklahoma	55463	CT-04	22	27	29	29		
Riverside (4940)	Oklahoma	4940	1501	597	772	493	1,082		
Riverside (4940)	Oklahoma	4940	1502	705	594	775	927		
Riverside (4940)	Oklahoma	4940	1503	38	1	4	38		
Riverside (4940)	Oklahoma	4940	1504	17	1	3	17		
Seminole (2956)	Oklahoma	2956	1	533	660	512	660		
Seminole (2956)	Oklahoma	2956	2	689	909	507	909		
Seminole (2956)	Oklahoma	2956	3	659	339	518	783		
Sooner	Oklahoma	6095	1	2,612	2,226	2,407	3,376		
Sooner	Oklahoma	6095	2	2,869	2,120	2,190	2,955		
Southwestern	Oklahoma	2964	8002	7	27	62	62		
Southwestern	Oklahoma	2964	8003	1,318	1,000	1,154	1,508		
Southwestern	Oklahoma	2964	8004	4	2	4	4		
Southwestern	Oklahoma	2964	8005	4	2	3	4		
Southwestern	Oklahoma	2964	801N	4	13	29	29		
Southwestern	Oklahoma	2964	801S	4	10	23	23		
Spring Creek Power Plant	Oklahoma	55651	CT-01	2	3	3	4		
Spring Creek Power Plant	Oklahoma	55651	CT-02	3	14	3	14		
Spring Creek Power Plant	Oklahoma	55651	CT-03	2	13	3	13		
Spring Creek Power Plant	Oklahoma	55651	CT-04	3	16	2	16		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	83	77	72	86		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	81	81	76	82		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	80	80	74	85		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	76	82	70	82		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
PowerSmith Cogeneration Project	Oklahoma	50558	GT01						
Redbud Power Plant	Oklahoma	55463	CT-01						
Redbud Power Plant	Oklahoma	55463	CT-02						
Redbud Power Plant	Oklahoma	55463	CT-03						
Redbud Power Plant	Oklahoma	55463	CT-04						
Riverside (4940)	Oklahoma	4940	1501						
Riverside (4940)	Oklahoma	4940	1502						
Riverside (4940)	Oklahoma	4940	1503						
Riverside (4940)	Oklahoma	4940	1504						
Seminole (2956)	Oklahoma	2956	1						
Seminole (2956)	Oklahoma	2956	2						
Seminole (2956)	Oklahoma	2956	3						
Sooner	Oklahoma	6095	1						
Sooner	Oklahoma	6095	2						
Southwestern	Oklahoma	2964	8002						
Southwestern	Oklahoma	2964	8003						
Southwestern	Oklahoma	2964	8004						
Southwestern	Oklahoma	2964	8005						
Southwestern	Oklahoma	2964	801N						
Southwestern	Oklahoma	2964	801S						
Spring Creek Power Plant	Oklahoma	55651	CT-01						
Spring Creek Power Plant	Oklahoma	55651	CT-02						
Spring Creek Power Plant	Oklahoma	55651	CT-03						
Spring Creek Power Plant	Oklahoma	55651	CT-04						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3						
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	253	138	138	138
Redbud Power Plant	Oklahoma	55463	CT-01	33	33	33	33
Redbud Power Plant	Oklahoma	55463	CT-02	32	32	32	32
Redbud Power Plant	Oklahoma	55463	CT-03	26	26	26	26
Redbud Power Plant	Oklahoma	55463	CT-04	29	29	29	29
Riverside (4940)	Oklahoma	4940	1501	873	477	477	477
Riverside (4940)	Oklahoma	4940	1502	872	476	476	476
Riverside (4940)	Oklahoma	4940	1503	29	16	16	16
Riverside (4940)	Oklahoma	4940	1504	17	11	11	11
Seminole (2956)	Oklahoma	2956	1	660	484	484	484
Seminole (2956)	Oklahoma	2956	2	909	499	499	499
Seminole (2956)	Oklahoma	2956	3	783	496	496	496
Sooner	Oklahoma	6095	1	2,404	1,312	1,312	1,312
Sooner	Oklahoma	6095	2	2,195	1,198	1,198	1,198
Southwestern	Oklahoma	2964	8002	37	20	20	20
Southwestern	Oklahoma	2964	8003	613	335	335	335
Southwestern	Oklahoma	2964	8004	4	4	4	4
Southwestern	Oklahoma	2964	8005	4	4	4	4
Southwestern	Oklahoma	2964	801N	20	11	11	11
Southwestern	Oklahoma	2964	801S	19	11	11	11
Spring Creek Power Plant	Oklahoma	55651	CT-01	4	4	4	4
Spring Creek Power Plant	Oklahoma	55651	CT-02	14	14	14	14
Spring Creek Power Plant	Oklahoma	55651	CT-03	13	13	13	13
Spring Creek Power Plant	Oklahoma	55651	CT-04	16	16	16	16
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	86	86	86	86
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	82	82	82	82
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	85	85	85	85
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	82	82	82	82

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
PowerSmith Cogeneration Project	Oklahoma	50558	GT01	138	138	138	138	
Redbud Power Plant	Oklahoma	55463	CT-01	33	33	33	33	
Redbud Power Plant	Oklahoma	55463	CT-02	32	32	32	32	
Redbud Power Plant	Oklahoma	55463	CT-03	26	26	26	26	
Redbud Power Plant	Oklahoma	55463	CT-04	29	29	29	29	
Riverside (4940)	Oklahoma	4940	1501	477	477	477	477	
Riverside (4940)	Oklahoma	4940	1502	476	476	476	476	
Riverside (4940)	Oklahoma	4940	1503	16	16	16	16	
Riverside (4940)	Oklahoma	4940	1504	11	11	11	11	
Seminole (2956)	Oklahoma	2956	1	484	484	484	484	
Seminole (2956)	Oklahoma	2956	2	499	499	499	499	
Seminole (2956)	Oklahoma	2956	3	496	496	496	496	
Sooner	Oklahoma	6095	1	1,312	1,312	1,312	1,312	
Sooner	Oklahoma	6095	2	1,198	1,198	1,198	1,198	
Southwestern	Oklahoma	2964	8002	20	20	20	20	
Southwestern	Oklahoma	2964	8003	335	335	335	335	
Southwestern	Oklahoma	2964	8004	4	4	4	4	
Southwestern	Oklahoma	2964	8005	4	4	4	4	
Southwestern	Oklahoma	2964	801N	11	11	11	11	
Southwestern	Oklahoma	2964	801S	11	11	11	11	
Spring Creek Power Plant	Oklahoma	55651	CT-01	4	4	4	4	
Spring Creek Power Plant	Oklahoma	55651	CT-02	14	14	14	14	
Spring Creek Power Plant	Oklahoma	55651	CT-03	13	13	13	13	
Spring Creek Power Plant	Oklahoma	55651	CT-04	16	16	16	16	
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1	86	86	86	86	
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2	82	82	82	82	
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3	85	85	85	85	
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4	82	82	82	82	

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
PowerSmith Cogeneration Project	Oklahoma	50558	GT01			Y	Y	
Redbud Power Plant	Oklahoma	55463	CT-01			Y		
Redbud Power Plant	Oklahoma	55463	CT-02			Y		
Redbud Power Plant	Oklahoma	55463	CT-03			Y		
Redbud Power Plant	Oklahoma	55463	CT-04			Y		
Riverside (4940)	Oklahoma	4940	1501			Y		
Riverside (4940)	Oklahoma	4940	1502			Y		
Riverside (4940)	Oklahoma	4940	1503			Y		
Riverside (4940)	Oklahoma	4940	1504			Y		
Seminole (2956)	Oklahoma	2956	1			Y		
Seminole (2956)	Oklahoma	2956	2			Y		
Seminole (2956)	Oklahoma	2956	3			Y		
Sooner	Oklahoma	6095	1			Y		
Sooner	Oklahoma	6095	2			Y		
Southwestern	Oklahoma	2964	8002			Y		
Southwestern	Oklahoma	2964	8003			Y		
Southwestern	Oklahoma	2964	8004			Y		
Southwestern	Oklahoma	2964	8005			Y		
Southwestern	Oklahoma	2964	801N			Y		
Southwestern	Oklahoma	2964	801S			Y		
Spring Creek Power Plant	Oklahoma	55651	CT-01			Y		
Spring Creek Power Plant	Oklahoma	55651	CT-02			Y		
Spring Creek Power Plant	Oklahoma	55651	CT-03			Y		
Spring Creek Power Plant	Oklahoma	55651	CT-04			Y		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB1			Y		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB2			Y		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB3			Y		
Tenaska Kiamichi Generating Station	Oklahoma	55501	CTGDB4			Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Tulsa	Oklahoma	2965	1402	2025	350,421	1,495,457	1,057,384	873,154	1,029,085
Tulsa	Oklahoma	2965	1403	2026	1,271,274	93,039	79,623	62,153	112,296
Tulsa	Oklahoma	2965	1404	2027	1,778,249	1,301,231	896,744	578,708	1,058,014
Weleetka	Oklahoma	2966	4		76,708	19,881	3,682	14,194	
Weleetka	Oklahoma	2966	5		76,708	19,881	3,682	14,194	
Weleetka	Oklahoma	2966	6		76,708	19,881	3,682	14,194	
Alma	Wisconsin	4140	B4	2628	1,228,890	1,293,786	1,072,002	231,079	382,795
Alma	Wisconsin	4140	B5	2629	2,032,897	1,885,928	1,829,968	757,537	732,093
Bay Front	Wisconsin	3982	1	2568	681,869	771,255	712,349	751,372	723,467
Bay Front	Wisconsin	3982	2	2569	760,274	720,320	677,508	732,748	716,207
Bay Front	Wisconsin	3982	5	2572	760,370	957,630	884,027	803,138	584,806
Blount Street	Wisconsin	3992	3	2574	3,907	617	4,041	2,953	9,144
Blount Street	Wisconsin	3992	5	2575	43,585	11,533	6,417	6,308	
Blount Street	Wisconsin	3992	6	2576	46,607	8,987	7,226	13,138	14,257
Blount Street	Wisconsin	3992	7	2577	208,780	87,676	102,310	5,314	10,181
Blount Street	Wisconsin	3992	8	2578	553,287	538,509	469,817	98,977	136,194
Blount Street	Wisconsin	3992	9	2579	558,554	474,194	566,243	63,836	286,940
Columbia	Wisconsin	8023	1	3431	18,118,668	18,456,301	18,737,893	14,724,411	18,972,162
Columbia	Wisconsin	8023	2	3432	17,000,686	17,592,001	17,949,889	15,418,288	18,406,660
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	4988	280,353	389,844	170,927	223,703	207,019
Concord	Wisconsin	7159	**1	2985	286,737	487,553	118,139	48,132	166,896
Concord	Wisconsin	7159	**2	2986	332,015	599,957	46,766	32,142	90,511
Concord	Wisconsin	7159	**3	2987	149,282	221,527	78,831	77,090	107,709
Concord	Wisconsin	7159	**4	2988	92,259	254,999	78,210	86,554	134,535
DTE Stoneman, LLC	Wisconsin	4146	B1	2631	106,293	178,151	13,182		75,326
DTE Stoneman, LLC	Wisconsin	4146	B2	2632	136,546	205,791	32,250		235,732
Depere Energy Center	Wisconsin	55029	B01	3819	428,395	489,207	262,371	41,685	238,861
Edgewater (4050)	Wisconsin	4050	3	2598	2,295,861	1,825,647	1,630,923	1,279,897	418,048

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Tulsa	Oklahoma	2965	1402	1,193,976	354,401,657	0.003369	35,836	21,398	121
Tulsa	Oklahoma	2965	1403	492,203	354,401,657	0.001389	35,836	21,398	50
Tulsa	Oklahoma	2965	1404	1,379,164	354,401,657	0.003892	35,836	21,398	139
Weleetka	Oklahoma	2966	4	36,927	354,401,657	0.000104	35,836	21,398	4
Weleetka	Oklahoma	2966	5	36,927	354,401,657	0.000104	35,836	21,398	4
Weleetka	Oklahoma	2966	6	36,927	354,401,657	0.000104	35,836	21,398	4
Alma	Wisconsin	4140	B4	1,198,226	249,555,499	0.004801	13,897	13,438	67
Alma	Wisconsin	4140	B5	1,916,264	249,555,499	0.007679	13,897	13,438	107
Bay Front	Wisconsin	3982	1	748,698	249,555,499	0.003000	13,897	13,438	42
Bay Front	Wisconsin	3982	2	737,781	249,555,499	0.002956	13,897	13,438	41
Bay Front	Wisconsin	3982	5	881,598	249,555,499	0.003533	13,897	13,438	49
Blount Street	Wisconsin	3992	3	5,698	249,555,499	0.000023	13,897	13,438	0
Blount Street	Wisconsin	3992	5	20,512	249,555,499	0.000082	13,897	13,438	1
Blount Street	Wisconsin	3992	6	24,667	249,555,499	0.000099	13,897	13,438	1
Blount Street	Wisconsin	3992	7	132,922	249,555,499	0.000533	13,897	13,438	7
Blount Street	Wisconsin	3992	8	520,538	249,555,499	0.002086	13,897	13,438	29
Blount Street	Wisconsin	3992	9	532,997	249,555,499	0.002136	13,897	13,438	30
Columbia	Wisconsin	8023	1	18,722,119	249,555,499	0.075022	13,897	13,438	1,043
Columbia	Wisconsin	8023	2	17,982,850	249,555,499	0.072060	13,897	13,438	1,001
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	297,967	249,555,499	0.001194	13,897	13,438	17
Concord	Wisconsin	7159	**1	313,728	249,555,499	0.001257	13,897	13,438	17
Concord	Wisconsin	7159	**2	340,828	249,555,499	0.001366	13,897	13,438	19
Concord	Wisconsin	7159	**3	159,506	249,555,499	0.000639	13,897	13,438	9
Concord	Wisconsin	7159	**4	160,598	249,555,499	0.000644	13,897	13,438	9
DTE Stoneman, LLC	Wisconsin	4146	B1	119,923	249,555,499	0.000481	13,897	13,438	7
DTE Stoneman, LLC	Wisconsin	4146	B2	192,690	249,555,499	0.000772	13,897	13,438	11
Depere Energy Center	Wisconsin	55029	B01	393,324	249,555,499	0.001576	13,897	13,438	22
Edgewater (4050)	Wisconsin	4050	3	1,917,477	249,555,499	0.007684	13,897	13,438	107

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Tulsa	Oklahoma	2965	1402	72	172	152	398	60	217
Tulsa	Oklahoma	2965	1403	30				212	13
Tulsa	Oklahoma	2965	1404	83	171	156	418	292	176
Weleetka	Oklahoma	2966	4	2		1	3		3
Weleetka	Oklahoma	2966	5	2		1	3		3
Weleetka	Oklahoma	2966	6	2		1	3		3
Alma	Wisconsin	4140	B4	65	463	555	486	441	522
Alma	Wisconsin	4140	B5	103	633	802	653	722	772
Bay Front	Wisconsin	3982	1	40	148	134	158	124	124
Bay Front	Wisconsin	3982	2	40	131	111	140	149	111
Bay Front	Wisconsin	3982	5	47	310	320	330	305	438
Blount Street	Wisconsin	3992	3	0	8	5	4	1	0
Blount Street	Wisconsin	3992	5	1	4	4	5	4	1
Blount Street	Wisconsin	3992	6	1	5	1	4	4	0
Blount Street	Wisconsin	3992	7	7	132	165	136	52	26
Blount Street	Wisconsin	3992	8	28	207	217	193	111	96
Blount Street	Wisconsin	3992	9	29	196	361	192	115	93
Columbia	Wisconsin	8023	1	1,008	1,364	1,340	1,330	1,328	1,277
Columbia	Wisconsin	8023	2	968	3,265	2,948	1,255	1,069	1,076
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	16	3	1	3	1	2
Concord	Wisconsin	7159	**1	17	2	3	31	12	19
Concord	Wisconsin	7159	**2	18	3	2	32	14	24
Concord	Wisconsin	7159	**3	9	1	3	32	6	9
Concord	Wisconsin	7159	**4	9	2	3	27	4	11
DTE Stoneman, LLC	Wisconsin	4146	B1	6	6	22	22	21	35
DTE Stoneman, LLC	Wisconsin	4146	B2	10	5	27	37	26	41
Depere Energy Center	Wisconsin	55029	B01	21	26	13	50	18	22
Edgewater (4050)	Wisconsin	4050	3	103	385	479	268	292	293

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NO _x Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
Tulsa	Oklahoma	2965	1402	135	72	97	398		
Tulsa	Oklahoma	2965	1403	11	9	19	212		
Tulsa	Oklahoma	2965	1404	96	51	98	418		
Weleetka	Oklahoma	2966	4				3		
Weleetka	Oklahoma	2966	5				3		
Weleetka	Oklahoma	2966	6				3		
Alma	Wisconsin	4140	B4	371	65	73	555		
Alma	Wisconsin	4140	B5	637	156	131	802		
Bay Front	Wisconsin	3982	1	121	51	54	158		
Bay Front	Wisconsin	3982	2	93	55	59	149		
Bay Front	Wisconsin	3982	5	410	363	260	438		
Blount Street	Wisconsin	3992	3	1	1	2	8		
Blount Street	Wisconsin	3992	5	0	0		5		
Blount Street	Wisconsin	3992	6	0	1	1	5		
Blount Street	Wisconsin	3992	7	35	1	3	165		
Blount Street	Wisconsin	3992	8	87	15	12	217		
Blount Street	Wisconsin	3992	9	131	10	43	361		
Columbia	Wisconsin	8023	1	1,281	1,039	1,305	1,364		
Columbia	Wisconsin	8023	2	1,140	1,010	1,171	3,265		
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	1	1	1	3		
Concord	Wisconsin	7159	**1	5	2	7	31		
Concord	Wisconsin	7159	**2	2	1	3	32		
Concord	Wisconsin	7159	**3	3	4	4	32		
Concord	Wisconsin	7159	**4	4	5	5	27		
DTE Stoneman, LLC	Wisconsin	4146	B1	2		31	35		
DTE Stoneman, LLC	Wisconsin	4146	B2	5		73	73		
Depere Energy Center	Wisconsin	55029	B01	11	3	11	50		
Edgewater (4050)	Wisconsin	4050	3	326	122	49	479		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Tulsa	Oklahoma	2965	1402						
Tulsa	Oklahoma	2965	1403						
Tulsa	Oklahoma	2965	1404						
Weleetka	Oklahoma	2966	4						
Weleetka	Oklahoma	2966	5						
Weleetka	Oklahoma	2966	6						
Alma	Wisconsin	4140	B4						
Alma	Wisconsin	4140	B5						
Bay Front	Wisconsin	3982	1						
Bay Front	Wisconsin	3982	2						
Bay Front	Wisconsin	3982	5						
Blount Street	Wisconsin	3992	3						
Blount Street	Wisconsin	3992	5						
Blount Street	Wisconsin	3992	6						
Blount Street	Wisconsin	3992	7						
Blount Street	Wisconsin	3992	8						
Blount Street	Wisconsin	3992	9						
Columbia	Wisconsin	8023	1						
Columbia	Wisconsin	8023	2						
Combined Locks Energy Center, LLC	Wisconsin	55558	B06						
Concord	Wisconsin	7159	**1						
Concord	Wisconsin	7159	**2						
Concord	Wisconsin	7159	**3						
Concord	Wisconsin	7159	**4						
DTE Stoneman, LLC	Wisconsin	4146	B1						
DTE Stoneman, LLC	Wisconsin	4146	B2						
Depere Energy Center	Wisconsin	55029	B01						
Edgewater (4050)	Wisconsin	4050	3						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
Tulsa	Oklahoma	2965	1402	165	90	90	90
Tulsa	Oklahoma	2965	1403	68	37	37	37
Tulsa	Oklahoma	2965	1404	190	104	104	104
Weleetka	Oklahoma	2966	4	3	3	3	3
Weleetka	Oklahoma	2966	5	3	3	3	3
Weleetka	Oklahoma	2966	6	3	3	3	3
Alma	Wisconsin	4140	B4	75	75	72	72
Alma	Wisconsin	4140	B5	120	120	116	116
Bay Front	Wisconsin	3982	1	47	47	45	45
Bay Front	Wisconsin	3982	2	46	46	44	44
Bay Front	Wisconsin	3982	5	55	55	53	53
Blount Street	Wisconsin	3992	3	0	0	0	0
Blount Street	Wisconsin	3992	5	1	1	1	1
Blount Street	Wisconsin	3992	6	2	2	1	1
Blount Street	Wisconsin	3992	7	8	8	8	8
Blount Street	Wisconsin	3992	8	33	33	31	31
Blount Street	Wisconsin	3992	9	33	33	32	32
Columbia	Wisconsin	8023	1	1,170	1,170	1,128	1,128
Columbia	Wisconsin	8023	2	1,124	1,124	1,084	1,084
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	3	3	3	3
Concord	Wisconsin	7159	**1	20	20	19	19
Concord	Wisconsin	7159	**2	21	21	21	21
Concord	Wisconsin	7159	**3	10	10	10	10
Concord	Wisconsin	7159	**4	10	10	10	10
DTE Stoneman, LLC	Wisconsin	4146	B1	7	7	7	7
DTE Stoneman, LLC	Wisconsin	4146	B2	12	12	12	12
Depere Energy Center	Wisconsin	55029	B01	25	25	24	24
Edgewater (4050)	Wisconsin	4050	3	120	120	116	116

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
Tulsa	Oklahoma	2965	1402	90	90	90	90	
Tulsa	Oklahoma	2965	1403	37	37	37	37	
Tulsa	Oklahoma	2965	1404	104	104	104	104	
Weleetka	Oklahoma	2966	4	3	3	3	3	
Weleetka	Oklahoma	2966	5	3	3	3	3	
Weleetka	Oklahoma	2966	6	3	3	3	3	
Alma	Wisconsin	4140	B4	72	72	72	72	Y
Alma	Wisconsin	4140	B5	116	116	116	116	Y
Bay Front	Wisconsin	3982	1	45	45	45	45	Y
Bay Front	Wisconsin	3982	2	44	44	44	44	Y
Bay Front	Wisconsin	3982	5	53	53	53	53	Y
Blount Street	Wisconsin	3992	3	0	0	0	0	Y
Blount Street	Wisconsin	3992	5	1	1	1	1	Y
Blount Street	Wisconsin	3992	6	1	1	1	1	Y
Blount Street	Wisconsin	3992	7	8	8	8	8	Y
Blount Street	Wisconsin	3992	8	31	31	31	31	Y
Blount Street	Wisconsin	3992	9	32	32	32	32	Y
Columbia	Wisconsin	8023	1	1,128	1,128	1,128	1,128	Y
Columbia	Wisconsin	8023	2	1,084	1,084	1,084	1,084	Y
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	3	3	3	3	Y
Concord	Wisconsin	7159	**1	19	19	19	19	Y
Concord	Wisconsin	7159	**2	21	21	21	21	Y
Concord	Wisconsin	7159	**3	10	10	10	10	Y
Concord	Wisconsin	7159	**4	10	10	10	10	Y
DTE Stoneman, LLC	Wisconsin	4146	B1	7	7	7	7	Y
DTE Stoneman, LLC	Wisconsin	4146	B2	12	12	12	12	Y
Depere Energy Center	Wisconsin	55029	B01	24	24	24	24	Y
Edgewater (4050)	Wisconsin	4050	3	116	116	116	116	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Tulsa	Oklahoma	2965	1402			Y		
Tulsa	Oklahoma	2965	1403			Y		
Tulsa	Oklahoma	2965	1404			Y		
Weleetka	Oklahoma	2966	4			Y	Y	
Weleetka	Oklahoma	2966	5			Y	Y	
Weleetka	Oklahoma	2966	6			Y	Y	
Alma	Wisconsin	4140	B4	Y		Y		
Alma	Wisconsin	4140	B5	Y		Y		
Bay Front	Wisconsin	3982	1	Y		Y		
Bay Front	Wisconsin	3982	2	Y		Y		
Bay Front	Wisconsin	3982	5	Y		Y		
Blount Street	Wisconsin	3992	3	Y		Y		
Blount Street	Wisconsin	3992	5	Y		Y		
Blount Street	Wisconsin	3992	6	Y		Y		
Blount Street	Wisconsin	3992	7	Y		Y		
Blount Street	Wisconsin	3992	8	Y		Y		
Blount Street	Wisconsin	3992	9	Y		Y		
Columbia	Wisconsin	8023	1	Y		Y		
Columbia	Wisconsin	8023	2	Y		Y		
Combined Locks Energy Center, LLC	Wisconsin	55558	B06	Y		Y		
Concord	Wisconsin	7159	**1	Y		Y		
Concord	Wisconsin	7159	**2	Y		Y		
Concord	Wisconsin	7159	**3	Y		Y		
Concord	Wisconsin	7159	**4	Y		Y		
DTE Stoneman, LLC	Wisconsin	4146	B1	Y		Y		
DTE Stoneman, LLC	Wisconsin	4146	B2	Y		Y		
Depere Energy Center	Wisconsin	55029	B01	Y		Y		
Edgewater (4050)	Wisconsin	4050	3	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Edgewater (4050)	Wisconsin	4050	4	2599	9,604,298	8,092,965	8,949,240	6,682,955	9,380,254
Edgewater (4050)	Wisconsin	4050	5	2600	12,508,824	9,603,407	10,580,812	9,841,450	11,794,734
Elk Mound Generating Station	Wisconsin	7863	1	3327	56,083	85,261	683	3,405	72,380
Elk Mound Generating Station	Wisconsin	7863	2	3328	57,922	109,006	1,113	677	70,504
Elm Road Generating Station	Wisconsin	56068	1	89796					6,989,509
Fitchburg Generating Station	Wisconsin	3991	1	90092				7,044	25,939
Fitchburg Generating Station	Wisconsin	3991	2	90093			11,343	15,551	19,901
Fox Energy Company LLC	Wisconsin	56031	CTG-1	89359	2,052,138	780,086	943,164	1,046,863	1,512,100
Fox Energy Company LLC	Wisconsin	56031	CTG-2	89360	1,361,126	777,161	1,142,432	1,057,189	981,539
French Island	Wisconsin	4005	3	90016			50		
French Island	Wisconsin	4005	4	90032			8,677	20,282	9,058
Genoa	Wisconsin	4143	1	2630	9,576,562	9,227,282	8,847,199	7,879,741	7,249,478
Germantown Power Plant	Wisconsin	6253	**5	2873	171,137	355,014	141,466	36,598	97,009
Germantown Power Plant	Wisconsin	6253	P30	90037			18,200	4,957	163
Germantown Power Plant	Wisconsin	6253	P31	90038			18,200	4,957	163
Germantown Power Plant	Wisconsin	6253	P32	90039			325	4,794	3,169
Germantown Power Plant	Wisconsin	6253	P33	90040			650	4,794	3,494
Germantown Power Plant	Wisconsin	6253	P34	90234			20,475	3,982	5,363
Germantown Power Plant	Wisconsin	6253	P35	90235			21,125	3,982	5,038
Germantown Power Plant	Wisconsin	6253	P36	90236			19,825	4,063	4,307
Germantown Power Plant	Wisconsin	6253	P37	90237			19,175	4,063	4,469
Island Street Peaking Plant	Wisconsin	55836	1A	89407	70,123	134,640	83,769	22,057	61,222
Island Street Peaking Plant	Wisconsin	55836	1B	89408	74,781	135,342	82,047	22,332	64,630
J P Madgett	Wisconsin	4271	B1	2653	10,508,676	11,674,404	11,447,157	10,926,631	9,906,243
Manitowoc	Wisconsin	4125	6	2619	320,976	229,550	216,162	32,282	
Manitowoc	Wisconsin	4125	7	2620	460,434	250,020	183,139	13,965	
Manitowoc	Wisconsin	4125	8	2621	775,470	709,845	700,786	152,015	224,676
Manitowoc	Wisconsin	4125	9	2622	1,814,943	1,909,396	1,844,288	1,450,289	1,570,451

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Edgewater (4050)	Wisconsin	4050	4	9,311,264	249,555,499	0.037311	13,897	13,438	519
Edgewater (4050)	Wisconsin	4050	5	11,628,123	249,555,499	0.046595	13,897	13,438	648
Elk Mound Generating Station	Wisconsin	7863	1	71,241	249,555,499	0.000285	13,897	13,438	4
Elk Mound Generating Station	Wisconsin	7863	2	79,144	249,555,499	0.000317	13,897	13,438	4
Elm Road Generating Station	Wisconsin	56068	1	6,989,509	249,555,499	0.028008	13,897	13,438	389
Fitchburg Generating Station	Wisconsin	3991	1	16,491	249,555,499	0.000066	13,897	13,438	1
Fitchburg Generating Station	Wisconsin	3991	2	15,598	249,555,499	0.000063	13,897	13,438	1
Fox Energy Company LLC	Wisconsin	56031	CTG-1	1,537,033	249,555,499	0.006159	13,897	13,438	86
Fox Energy Company LLC	Wisconsin	56031	CTG-2	1,186,916	249,555,499	0.004756	13,897	13,438	66
French Island	Wisconsin	4005	3	50	249,555,499	0.000000	13,897	13,438	0
French Island	Wisconsin	4005	4	12,672	249,555,499	0.000051	13,897	13,438	1
Genoa	Wisconsin	4143	1	9,217,014	249,555,499	0.036934	13,897	13,438	513
Germantown Power Plant	Wisconsin	6253	**5	222,539	249,555,499	0.000892	13,897	13,438	12
Germantown Power Plant	Wisconsin	6253	P30	7,773	249,555,499	0.000031	13,897	13,438	0
Germantown Power Plant	Wisconsin	6253	P31	7,773	249,555,499	0.000031	13,897	13,438	0
Germantown Power Plant	Wisconsin	6253	P32	2,763	249,555,499	0.000011	13,897	13,438	0
Germantown Power Plant	Wisconsin	6253	P33	2,979	249,555,499	0.000012	13,897	13,438	0
Germantown Power Plant	Wisconsin	6253	P34	9,940	249,555,499	0.000040	13,897	13,438	1
Germantown Power Plant	Wisconsin	6253	P35	10,048	249,555,499	0.000040	13,897	13,438	1
Germantown Power Plant	Wisconsin	6253	P36	9,398	249,555,499	0.000038	13,897	13,438	1
Germantown Power Plant	Wisconsin	6253	P37	9,236	249,555,499	0.000037	13,897	13,438	1
Island Street Peaking Plant	Wisconsin	55836	1A	96,177	249,555,499	0.000385	13,897	13,438	5
Island Street Peaking Plant	Wisconsin	55836	1B	97,390	249,555,499	0.000390	13,897	13,438	5
J P Madgett	Wisconsin	4271	B1	11,349,398	249,555,499	0.045478	13,897	13,438	632
Manitowoc	Wisconsin	4125	6	255,562	249,555,499	0.001024	13,897	13,438	14
Manitowoc	Wisconsin	4125	7	297,865	249,555,499	0.001194	13,897	13,438	17
Manitowoc	Wisconsin	4125	8	728,701	249,555,499	0.002920	13,897	13,438	41
Manitowoc	Wisconsin	4125	9	1,856,209	249,555,499	0.007438	13,897	13,438	103

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Edgewater (4050)	Wisconsin	4050	4	501	1,434	1,556	762	808	699
Edgewater (4050)	Wisconsin	4050	5	626	1,215	1,134	847	1,217	759
Elk Mound Generating Station	Wisconsin	7863	1	4	2	1	1	2	2
Elk Mound Generating Station	Wisconsin	7863	2	4	2	1	1	2	2
Elm Road Generating Station	Wisconsin	56068	1	376					
Fitchburg Generating Station	Wisconsin	3991	1	1					
Fitchburg Generating Station	Wisconsin	3991	2	1					
Fox Energy Company LLC	Wisconsin	56031	CTG-1	83				14	5
Fox Energy Company LLC	Wisconsin	56031	CTG-2	64			16	9	6
French Island	Wisconsin	4005	3	0					
French Island	Wisconsin	4005	4	1					
Genoa	Wisconsin	4143	1	496	1,931	1,032	1,598	1,710	1,563
Germantown Power Plant	Wisconsin	6253	**5	12	2	2	11	2	5
Germantown Power Plant	Wisconsin	6253	P30	0					
Germantown Power Plant	Wisconsin	6253	P31	0					
Germantown Power Plant	Wisconsin	6253	P32	0					
Germantown Power Plant	Wisconsin	6253	P33	0					
Germantown Power Plant	Wisconsin	6253	P34	1					
Germantown Power Plant	Wisconsin	6253	P35	1					
Germantown Power Plant	Wisconsin	6253	P36	1					
Germantown Power Plant	Wisconsin	6253	P37	0					
Island Street Peaking Plant	Wisconsin	55836	1A	5		0	6	3	5
Island Street Peaking Plant	Wisconsin	55836	1B	5		0	7	3	5
J P Madgett	Wisconsin	4271	B1	611	2,019	1,551	1,885	1,735	1,972
Manitowoc	Wisconsin	4125	6	14	81	74	74	55	35
Manitowoc	Wisconsin	4125	7	16	77	62	72	70	38
Manitowoc	Wisconsin	4125	8	39	114	104	118	109	88
Manitowoc	Wisconsin	4125	9	100				37	76

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns R - Y		
Edgewater (4050)	Wisconsin	4050	4	792	404	639	1,556		
Edgewater (4050)	Wisconsin	4050	5	797	699	875	1,217		
Elk Mound Generating Station	Wisconsin	7863	1	0	0	2	2		
Elk Mound Generating Station	Wisconsin	7863	2	0	0	2	2		
Elm Road Generating Station	Wisconsin	56068	1			168	168		
Fitchburg Generating Station	Wisconsin	3991	1		1	5	5		
Fitchburg Generating Station	Wisconsin	3991	2	2	3	4	4		
Fox Energy Company LLC	Wisconsin	56031	CTG-1	7	7	9	14		
Fox Energy Company LLC	Wisconsin	56031	CTG-2	8	8	7	16		
French Island	Wisconsin	4005	3	0			0		
French Island	Wisconsin	4005	4	2	6	3	6		
Genoa	Wisconsin	4143	1	992	596	698	1,931		
Germantown Power Plant	Wisconsin	6253	**5	2	1	1	11		
Germantown Power Plant	Wisconsin	6253	P30	11	3	0	11		
Germantown Power Plant	Wisconsin	6253	P31	11	3	0	11		
Germantown Power Plant	Wisconsin	6253	P32	0	3	2	3		
Germantown Power Plant	Wisconsin	6253	P33	0	3	2	3		
Germantown Power Plant	Wisconsin	6253	P34	12	2	3	12		
Germantown Power Plant	Wisconsin	6253	P35	13	2	3	13		
Germantown Power Plant	Wisconsin	6253	P36	12	2	3	12		
Germantown Power Plant	Wisconsin	6253	P37	12	2	3	12		
Island Street Peaking Plant	Wisconsin	55836	1A	3	1	3	6		
Island Street Peaking Plant	Wisconsin	55836	1B	3	1	3	7		
J P Madgett	Wisconsin	4271	B1	1,540	1,391	1,253	2,019		
Manitowoc	Wisconsin	4125	6	24	3		81		
Manitowoc	Wisconsin	4125	7	22	2		77		
Manitowoc	Wisconsin	4125	8	60	9	10	118		
Manitowoc	Wisconsin	4125	9	114	36	71	114		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Edgewater (4050)	Wisconsin	4050	4						
Edgewater (4050)	Wisconsin	4050	5						
Elk Mound Generating Station	Wisconsin	7863	1						
Elk Mound Generating Station	Wisconsin	7863	2						
Elm Road Generating Station	Wisconsin	56068	1						
Fitchburg Generating Station	Wisconsin	3991	1						
Fitchburg Generating Station	Wisconsin	3991	2						
Fox Energy Company LLC	Wisconsin	56031	CTG-1						
Fox Energy Company LLC	Wisconsin	56031	CTG-2						
French Island	Wisconsin	4005	3						
French Island	Wisconsin	4005	4						
Genoa	Wisconsin	4143	1						
Germantown Power Plant	Wisconsin	6253	**5						
Germantown Power Plant	Wisconsin	6253	P30						
Germantown Power Plant	Wisconsin	6253	P31						
Germantown Power Plant	Wisconsin	6253	P32						
Germantown Power Plant	Wisconsin	6253	P33						
Germantown Power Plant	Wisconsin	6253	P34						
Germantown Power Plant	Wisconsin	6253	P35						
Germantown Power Plant	Wisconsin	6253	P36						
Germantown Power Plant	Wisconsin	6253	P37						
Island Street Peaking Plant	Wisconsin	55836	1A						
Island Street Peaking Plant	Wisconsin	55836	1B						
J P Madgett	Wisconsin	4271	B1						
Manitowoc	Wisconsin	4125	6						
Manitowoc	Wisconsin	4125	7						
Manitowoc	Wisconsin	4125	8						
Manitowoc	Wisconsin	4125	9						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)
Calculation				(Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	(Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	(Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	(Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Edgewater (4050)	Wisconsin	4050	4	582	582	561	561
Edgewater (4050)	Wisconsin	4050	5	727	727	701	701
Elk Mound Generating Station	Wisconsin	7863	1	2	2	2	2
Elk Mound Generating Station	Wisconsin	7863	2	2	2	2	2
Elm Road Generating Station	Wisconsin	56068	1	168	168	168	168
Fitchburg Generating Station	Wisconsin	3991	1	1	1	1	1
Fitchburg Generating Station	Wisconsin	3991	2	1	1	1	1
Fox Energy Company LLC	Wisconsin	56031	CTG-1	14	14	14	14
Fox Energy Company LLC	Wisconsin	56031	CTG-2	16	16	16	16
French Island	Wisconsin	4005	3	0	0	0	0
French Island	Wisconsin	4005	4	1	1	1	1
Genoa	Wisconsin	4143	1	576	576	556	556
Germantown Power Plant	Wisconsin	6253	**5	11	11	11	11
Germantown Power Plant	Wisconsin	6253	P30	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P31	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P32	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P33	0	0	0	0
Germantown Power Plant	Wisconsin	6253	P34	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P35	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P36	1	1	1	1
Germantown Power Plant	Wisconsin	6253	P37	1	1	1	1
Island Street Peaking Plant	Wisconsin	55836	1A	6	6	6	6
Island Street Peaking Plant	Wisconsin	55836	1B	6	6	6	6
J P Madgett	Wisconsin	4271	B1	709	709	684	684
Manitowoc	Wisconsin	4125	6	16	16	15	15
Manitowoc	Wisconsin	4125	7	19	19	18	18
Manitowoc	Wisconsin	4125	8	46	46	44	44
Manitowoc	Wisconsin	4125	9	114	114	112	112

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE))	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF))	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG))	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH))	
Calculation								
Edgewater (4050)	Wisconsin	4050	4	561	561	561	561	Y
Edgewater (4050)	Wisconsin	4050	5	701	701	701	701	Y
Elk Mound Generating Station	Wisconsin	7863	1	2	2	2	2	Y
Elk Mound Generating Station	Wisconsin	7863	2	2	2	2	2	Y
Elm Road Generating Station	Wisconsin	56068	1	168	168	168	168	Y
Fitchburg Generating Station	Wisconsin	3991	1	1	1	1	1	Y
Fitchburg Generating Station	Wisconsin	3991	2	1	1	1	1	Y
Fox Energy Company LLC	Wisconsin	56031	CTG-1	14	14	14	14	Y
Fox Energy Company LLC	Wisconsin	56031	CTG-2	16	16	16	16	Y
French Island	Wisconsin	4005	3	0	0	0	0	Y
French Island	Wisconsin	4005	4	1	1	1	1	Y
Genoa	Wisconsin	4143	1	556	556	556	556	Y
Germantown Power Plant	Wisconsin	6253	**5	11	11	11	11	Y
Germantown Power Plant	Wisconsin	6253	P30	0	0	0	0	Y
Germantown Power Plant	Wisconsin	6253	P31	0	0	0	0	Y
Germantown Power Plant	Wisconsin	6253	P32	0	0	0	0	Y
Germantown Power Plant	Wisconsin	6253	P33	0	0	0	0	Y
Germantown Power Plant	Wisconsin	6253	P34	1	1	1	1	Y
Germantown Power Plant	Wisconsin	6253	P35	1	1	1	1	Y
Germantown Power Plant	Wisconsin	6253	P36	1	1	1	1	Y
Germantown Power Plant	Wisconsin	6253	P37	1	1	1	1	Y
Island Street Peaking Plant	Wisconsin	55836	1A	6	6	6	6	Y
Island Street Peaking Plant	Wisconsin	55836	1B	6	6	6	6	Y
J P Madgett	Wisconsin	4271	B1	684	684	684	684	Y
Manitowoc	Wisconsin	4125	6	15	15	15	15	Y
Manitowoc	Wisconsin	4125	7	18	18	18	18	Y
Manitowoc	Wisconsin	4125	8	44	44	44	44	Y
Manitowoc	Wisconsin	4125	9	112	112	112	112	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Edgewater (4050)	Wisconsin	4050	4	Y		Y		
Edgewater (4050)	Wisconsin	4050	5	Y		Y		
Elk Mound Generating Station	Wisconsin	7863	1	Y		Y		
Elk Mound Generating Station	Wisconsin	7863	2	Y		Y		
Elm Road Generating Station	Wisconsin	56068	1	Y		Y		
Fitchburg Generating Station	Wisconsin	3991	1	Y		Y		Y
Fitchburg Generating Station	Wisconsin	3991	2	Y		Y		Y
Fox Energy Company LLC	Wisconsin	56031	CTG-1	Y		Y		
Fox Energy Company LLC	Wisconsin	56031	CTG-2	Y		Y		
French Island	Wisconsin	4005	3	Y		Y		
French Island	Wisconsin	4005	4	Y		Y		
Genoa	Wisconsin	4143	1	Y		Y		
Germantown Power Plant	Wisconsin	6253	**5	Y		Y		
Germantown Power Plant	Wisconsin	6253	P30	Y		Y		
Germantown Power Plant	Wisconsin	6253	P31	Y		Y		
Germantown Power Plant	Wisconsin	6253	P32	Y		Y		
Germantown Power Plant	Wisconsin	6253	P33	Y		Y		
Germantown Power Plant	Wisconsin	6253	P34	Y		Y		
Germantown Power Plant	Wisconsin	6253	P35	Y		Y		
Germantown Power Plant	Wisconsin	6253	P36	Y		Y		
Germantown Power Plant	Wisconsin	6253	P37	Y		Y		
Island Street Peaking Plant	Wisconsin	55836	1A	Y		Y		
Island Street Peaking Plant	Wisconsin	55836	1B	Y		Y		
J P Madgett	Wisconsin	4271	B1	Y		Y		
Manitowoc	Wisconsin	4125	6	Y		Y		
Manitowoc	Wisconsin	4125	7	Y		Y		
Manitowoc	Wisconsin	4125	8	Y		Y		
Manitowoc	Wisconsin	4125	9	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Neenah Energy Facility	Wisconsin	55135	CT01	3973	384,444	297,990	59,614	120,541	92,580
Neenah Energy Facility	Wisconsin	55135	CT02	3974	364,998	402,077	123,630	77,634	14,994
Nelson Dewey	Wisconsin	4054	1	2601	3,359,683	3,022,156	1,302,017	2,931,762	3,127,828
Nelson Dewey	Wisconsin	4054	2	2602	3,934,264	3,661,462	3,551,393	2,355,193	3,157,266
Paris	Wisconsin	7270	**1	3066	104,533	184,705	52,771	48,407	29,140
Paris	Wisconsin	7270	**2	3067	134,312	101,199	113,759	129,903	140,292
Paris	Wisconsin	7270	**3	3068	116,649	268,826	59,772	90,868	125,334
Paris	Wisconsin	7270	**4	3069	134,303	329,605	91,386	60,982	37,286
Pleasant Prairie	Wisconsin	6170	1	2821	18,845,308	22,726,027	19,037,681	21,296,662	21,849,488
Pleasant Prairie	Wisconsin	6170	2	2822	20,999,653	23,178,080	18,550,403	14,657,687	17,737,339
Port Washington Generating Station	Wisconsin	4040	11	89429			747,533	1,577,559	2,790,703
Port Washington Generating Station	Wisconsin	4040	12	89430			781,051	1,548,853	2,718,283
Port Washington Generating Station	Wisconsin	4040	21	89431	2,785,725	2,663,866	1,920,110	1,815,993	2,194,776
Port Washington Generating Station	Wisconsin	4040	22	89432	2,780,489	2,608,967	1,952,067	1,796,008	2,204,194
Pulliam	Wisconsin	4072	32	9282	242,185	325,614	201,588	23,852	151,344
Pulliam	Wisconsin	4072	5	2607	1,665,292	1,637,899	1,608,672	859,009	512,126
Pulliam	Wisconsin	4072	6	2608	2,406,612	2,556,919	1,859,022	843,081	1,373,853
Pulliam	Wisconsin	4072	7	2609	2,432,130	2,781,136	2,803,108	1,191,981	2,020,656
Pulliam	Wisconsin	4072	8	2610	4,140,188	3,390,872	4,163,756	3,810,939	3,900,029
Riverside Energy Center	Wisconsin	55641	CT-01	8684	1,609,372	2,312,965	877,442	705,764	1,527,334
Riverside Energy Center	Wisconsin	55641	CT-02	8686	1,987,478	2,115,379	1,137,563	1,072,295	1,624,659
Rock River	Wisconsin	4057	1	2603	158,228	93,969	29,593		
Rock River	Wisconsin	4057	2	2604	249,287	225,587	30,000		
Rock River	Wisconsin	4057	CT3	89996			5,096	5,457	7,140
Rock River	Wisconsin	4057	CT5A	90249			32,561	17,525	2,100
Rock River	Wisconsin	4057	CT5B	90250			32,515	17,493	1,774
Rock River	Wisconsin	4057	CT6A	90251			41,667	14,336	1,779
Rock River	Wisconsin	4057	CT6B	90252			41,667	12,986	1,779

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Neenah Energy Facility	Wisconsin	55135	CT01	267,659	249,555,499	0.001073	13,897	13,438	15
Neenah Energy Facility	Wisconsin	55135	CT02	296,902	249,555,499	0.001190	13,897	13,438	17
Nelson Dewey	Wisconsin	4054	1	3,169,889	249,555,499	0.012702	13,897	13,438	177
Nelson Dewey	Wisconsin	4054	2	3,715,706	249,555,499	0.014889	13,897	13,438	207
Paris	Wisconsin	7270	**1	114,003	249,555,499	0.000457	13,897	13,438	6
Paris	Wisconsin	7270	**2	134,836	249,555,499	0.000540	13,897	13,438	8
Paris	Wisconsin	7270	**3	170,270	249,555,499	0.000682	13,897	13,438	9
Paris	Wisconsin	7270	**4	185,098	249,555,499	0.000742	13,897	13,438	10
Pleasant Prairie	Wisconsin	6170	1	21,957,393	249,555,499	0.087986	13,897	13,438	1,223
Pleasant Prairie	Wisconsin	6170	2	20,909,379	249,555,499	0.083786	13,897	13,438	1,164
Port Washington Generating Station	Wisconsin	4040	11	1,705,265	249,555,499	0.006833	13,897	13,438	95
Port Washington Generating Station	Wisconsin	4040	12	1,682,729	249,555,499	0.006743	13,897	13,438	94
Port Washington Generating Station	Wisconsin	4040	21	2,548,122	249,555,499	0.010211	13,897	13,438	142
Port Washington Generating Station	Wisconsin	4040	22	2,531,217	249,555,499	0.010143	13,897	13,438	141
Pulliam	Wisconsin	4072	32	256,462	249,555,499	0.001028	13,897	13,438	14
Pulliam	Wisconsin	4072	5	1,637,288	249,555,499	0.006561	13,897	13,438	91
Pulliam	Wisconsin	4072	6	2,274,185	249,555,499	0.009113	13,897	13,438	127
Pulliam	Wisconsin	4072	7	2,672,124	249,555,499	0.010708	13,897	13,438	149
Pulliam	Wisconsin	4072	8	4,067,991	249,555,499	0.016301	13,897	13,438	227
Riverside Energy Center	Wisconsin	55641	CT-01	1,816,557	249,555,499	0.007279	13,897	13,438	101
Riverside Energy Center	Wisconsin	55641	CT-02	1,909,172	249,555,499	0.007650	13,897	13,438	106
Rock River	Wisconsin	4057	1	93,930	249,555,499	0.000376	13,897	13,438	5
Rock River	Wisconsin	4057	2	168,291	249,555,499	0.000674	13,897	13,438	9
Rock River	Wisconsin	4057	CT3	5,898	249,555,499	0.000024	13,897	13,438	0
Rock River	Wisconsin	4057	CT5A	17,395	249,555,499	0.000070	13,897	13,438	1
Rock River	Wisconsin	4057	CT5B	17,260	249,555,499	0.000069	13,897	13,438	1
Rock River	Wisconsin	4057	CT6A	19,261	249,555,499	0.000077	13,897	13,438	1
Rock River	Wisconsin	4057	CT6B	18,811	249,555,499	0.000075	13,897	13,438	1

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Neenah Energy Facility	Wisconsin	55135	CT01	14	6	4	29	7	5
Neenah Energy Facility	Wisconsin	55135	CT02	16	8	2	27	6	7
Nelson Dewey	Wisconsin	4054	1	171	989	899	544	508	499
Nelson Dewey	Wisconsin	4054	2	200	946	862	582	600	621
Paris	Wisconsin	7270	**1	6	8	4	19	4	8
Paris	Wisconsin	7270	**2	7	5	2	13	4	3
Paris	Wisconsin	7270	**3	9	6	4	16	4	10
Paris	Wisconsin	7270	**4	10	5	4	14	5	13
Pleasant Prairie	Wisconsin	6170	1	1,182	2,430	2,298	3,012	2,054	509
Pleasant Prairie	Wisconsin	6170	2	1,126	2,130	2,169	2,547	2,010	678
Port Washington Generating Station	Wisconsin	4040	11	92					
Port Washington Generating Station	Wisconsin	4040	12	91					
Port Washington Generating Station	Wisconsin	4040	21	137			12	22	23
Port Washington Generating Station	Wisconsin	4040	22	136			11	21	22
Pulliam	Wisconsin	4072	32	14	1	4	14	3	4
Pulliam	Wisconsin	4072	5	88	714	699	789	818	742
Pulliam	Wisconsin	4072	6	122	989	875	1,265	1,187	1,175
Pulliam	Wisconsin	4072	7	144	599	572	599	472	535
Pulliam	Wisconsin	4072	8	219	562	636	691	508	514
Riverside Energy Center	Wisconsin	55641	CT-01	98		6	12	10	16
Riverside Energy Center	Wisconsin	55641	CT-02	103		28	11	12	14
Rock River	Wisconsin	4057	1	5	99	51	69	16	9
Rock River	Wisconsin	4057	2	9	161	34	106	35	31
Rock River	Wisconsin	4057	CT3	0					
Rock River	Wisconsin	4057	CT5A	1					
Rock River	Wisconsin	4057	CT5B	1					
Rock River	Wisconsin	4057	CT6A	1					
Rock River	Wisconsin	4057	CT6B	1					

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns R - Y		
Neenah Energy Facility	Wisconsin	55135	CT01	1	2	2	29		
Neenah Energy Facility	Wisconsin	55135	CT02	2	1	0	27		
Nelson Dewey	Wisconsin	4054	1	233	490	639	989		
Nelson Dewey	Wisconsin	4054	2	572	398	649	946		
Paris	Wisconsin	7270	**1	2	2	1	19		
Paris	Wisconsin	7270	**2	3	4	5	13		
Paris	Wisconsin	7270	**3	2	3	5	16		
Paris	Wisconsin	7270	**4	3	2	1	14		
Pleasant Prairie	Wisconsin	6170	1	607	639	687	3,012		
Pleasant Prairie	Wisconsin	6170	2	575	438	568	2,547		
Port Washington Generating Station	Wisconsin	4040	11	9	11	18	18		
Port Washington Generating Station	Wisconsin	4040	12	9	10	15	15		
Port Washington Generating Station	Wisconsin	4040	21	16	12	14	23		
Port Washington Generating Station	Wisconsin	4040	22	19	14	14	22		
Pulliam	Wisconsin	4072	32	4	0	2	14		
Pulliam	Wisconsin	4072	5	686	254	81	818		
Pulliam	Wisconsin	4072	6	797	180	200	1,265		
Pulliam	Wisconsin	4072	7	643	163	258	643		
Pulliam	Wisconsin	4072	8	692	632	458	692		
Riverside Energy Center	Wisconsin	55641	CT-01	6	5	7	16		
Riverside Energy Center	Wisconsin	55641	CT-02	7	7	9	28		
Rock River	Wisconsin	4057	1	3			99		
Rock River	Wisconsin	4057	2	4			161		
Rock River	Wisconsin	4057	CT3	2	2	2	2		
Rock River	Wisconsin	4057	CT5A	7	4	0	7		
Rock River	Wisconsin	4057	CT5B	7	4	0	7		
Rock River	Wisconsin	4057	CT6A	9	3	0	9		
Rock River	Wisconsin	4057	CT6B	9	3	0	9		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Neenah Energy Facility	Wisconsin	55135	CT01						
Neenah Energy Facility	Wisconsin	55135	CT02						
Nelson Dewey	Wisconsin	4054	1						
Nelson Dewey	Wisconsin	4054	2						
Paris	Wisconsin	7270	**1						
Paris	Wisconsin	7270	**2						
Paris	Wisconsin	7270	**3						
Paris	Wisconsin	7270	**4						
Pleasant Prairie	Wisconsin	6170	1						
Pleasant Prairie	Wisconsin	6170	2						
Port Washington Generating Station	Wisconsin	4040	11						
Port Washington Generating Station	Wisconsin	4040	12						
Port Washington Generating Station	Wisconsin	4040	21						
Port Washington Generating Station	Wisconsin	4040	22						
Pulliam	Wisconsin	4072	32						
Pulliam	Wisconsin	4072	5						
Pulliam	Wisconsin	4072	6						
Pulliam	Wisconsin	4072	7						
Pulliam	Wisconsin	4072	8						
Riverside Energy Center	Wisconsin	55641	CT-01						
Riverside Energy Center	Wisconsin	55641	CT-02						
Rock River	Wisconsin	4057	1						
Rock River	Wisconsin	4057	2						
Rock River	Wisconsin	4057	CT3						
Rock River	Wisconsin	4057	CT5A						
Rock River	Wisconsin	4057	CT5B						
Rock River	Wisconsin	4057	CT6A						
Rock River	Wisconsin	4057	CT6B						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
Neenah Energy Facility	Wisconsin	55135	CT01	17	17	16	16
Neenah Energy Facility	Wisconsin	55135	CT02	19	19	18	18
Nelson Dewey	Wisconsin	4054	1	198	198	191	191
Nelson Dewey	Wisconsin	4054	2	232	232	224	224
Paris	Wisconsin	7270	**1	7	7	7	7
Paris	Wisconsin	7270	**2	8	8	8	8
Paris	Wisconsin	7270	**3	11	11	10	10
Paris	Wisconsin	7270	**4	12	12	11	11
Pleasant Prairie	Wisconsin	6170	1	1,372	1,372	1,324	1,324
Pleasant Prairie	Wisconsin	6170	2	1,307	1,307	1,260	1,260
Port Washington Generating Station	Wisconsin	4040	11	18	18	18	18
Port Washington Generating Station	Wisconsin	4040	12	15	15	15	15
Port Washington Generating Station	Wisconsin	4040	21	23	23	23	23
Port Washington Generating Station	Wisconsin	4040	22	22	22	22	22
Pulliam	Wisconsin	4072	32	14	14	14	14
Pulliam	Wisconsin	4072	5	102	102	99	99
Pulliam	Wisconsin	4072	6	142	142	137	137
Pulliam	Wisconsin	4072	7	167	167	161	161
Pulliam	Wisconsin	4072	8	254	254	245	245
Riverside Energy Center	Wisconsin	55641	CT-01	16	16	16	16
Riverside Energy Center	Wisconsin	55641	CT-02	28	28	28	28
Rock River	Wisconsin	4057	1	6	6	6	6
Rock River	Wisconsin	4057	2	11	11	10	10
Rock River	Wisconsin	4057	CT3	0	0	0	0
Rock River	Wisconsin	4057	CT5A	1	1	1	1
Rock River	Wisconsin	4057	CT5B	1	1	1	1
Rock River	Wisconsin	4057	CT6A	1	1	1	1
Rock River	Wisconsin	4057	CT6B	1	1	1	1

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
Neenah Energy Facility	Wisconsin	55135	CT01	16	16	16	16	Y
Neenah Energy Facility	Wisconsin	55135	CT02	18	18	18	18	Y
Nelson Dewey	Wisconsin	4054	1	191	191	191	191	Y
Nelson Dewey	Wisconsin	4054	2	224	224	224	224	Y
Paris	Wisconsin	7270	**1	7	7	7	7	Y
Paris	Wisconsin	7270	**2	8	8	8	8	Y
Paris	Wisconsin	7270	**3	10	10	10	10	Y
Paris	Wisconsin	7270	**4	11	11	11	11	Y
Pleasant Prairie	Wisconsin	6170	1	1,324	1,324	1,324	1,324	Y
Pleasant Prairie	Wisconsin	6170	2	1,260	1,260	1,260	1,260	Y
Port Washington Generating Station	Wisconsin	4040	11	18	18	18	18	Y
Port Washington Generating Station	Wisconsin	4040	12	15	15	15	15	Y
Port Washington Generating Station	Wisconsin	4040	21	23	23	23	23	Y
Port Washington Generating Station	Wisconsin	4040	22	22	22	22	22	Y
Pulliam	Wisconsin	4072	32	14	14	14	14	Y
Pulliam	Wisconsin	4072	5	99	99	99	99	Y
Pulliam	Wisconsin	4072	6	137	137	137	137	Y
Pulliam	Wisconsin	4072	7	161	161	161	161	Y
Pulliam	Wisconsin	4072	8	245	245	245	245	Y
Riverside Energy Center	Wisconsin	55641	CT-01	16	16	16	16	Y
Riverside Energy Center	Wisconsin	55641	CT-02	28	28	28	28	Y
Rock River	Wisconsin	4057	1	6	6	6	6	Y
Rock River	Wisconsin	4057	2	10	10	10	10	Y
Rock River	Wisconsin	4057	CT3	0	0	0	0	Y
Rock River	Wisconsin	4057	CT5A	1	1	1	1	Y
Rock River	Wisconsin	4057	CT5B	1	1	1	1	Y
Rock River	Wisconsin	4057	CT6A	1	1	1	1	Y
Rock River	Wisconsin	4057	CT6B	1	1	1	1	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Neenah Energy Facility	Wisconsin	55135	CT01	Y		Y		
Neenah Energy Facility	Wisconsin	55135	CT02	Y		Y		
Nelson Dewey	Wisconsin	4054	1	Y		Y		
Nelson Dewey	Wisconsin	4054	2	Y		Y		
Paris	Wisconsin	7270	**1	Y		Y		
Paris	Wisconsin	7270	**2	Y		Y		
Paris	Wisconsin	7270	**3	Y		Y		
Paris	Wisconsin	7270	**4	Y		Y		
Pleasant Prairie	Wisconsin	6170	1	Y		Y		
Pleasant Prairie	Wisconsin	6170	2	Y		Y		
Port Washington Generating Station	Wisconsin	4040	11	Y		Y		
Port Washington Generating Station	Wisconsin	4040	12	Y		Y		
Port Washington Generating Station	Wisconsin	4040	21	Y		Y		
Port Washington Generating Station	Wisconsin	4040	22	Y		Y		
Pulliam	Wisconsin	4072	32	Y		Y		
Pulliam	Wisconsin	4072	5	Y		Y		
Pulliam	Wisconsin	4072	6	Y		Y		
Pulliam	Wisconsin	4072	7	Y		Y		
Pulliam	Wisconsin	4072	8	Y		Y		
Riverside Energy Center	Wisconsin	55641	CT-01	Y		Y		
Riverside Energy Center	Wisconsin	55641	CT-02	Y		Y		
Rock River	Wisconsin	4057	1	Y		Y		
Rock River	Wisconsin	4057	2	Y		Y		
Rock River	Wisconsin	4057	CT3	Y		Y		
Rock River	Wisconsin	4057	CT5A	Y		Y		
Rock River	Wisconsin	4057	CT5B	Y		Y		
Rock River	Wisconsin	4057	CT6A	Y		Y		
Rock River	Wisconsin	4057	CT6B	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Rockgen Energy Center	Wisconsin	55391	CT-1	4652	170,562	173,692	189,024	119,698	546,565
Rockgen Energy Center	Wisconsin	55391	CT-2	4653	431,615	173,038	173,565	81,547	408,250
Rockgen Energy Center	Wisconsin	55391	CT-3	4654	450,046	130,216	134,069	391,120	413,392
Sheboygan Falls Energy Facility	Wisconsin	56166	1	89520	119,846	174,632	66,785	30,550	84,596
Sheboygan Falls Energy Facility	Wisconsin	56166	2	89521	123,278	158,828	71,457	11,231	90,342
Sheepskin	Wisconsin	4059	CT1A	89984			9,755	7,662	8,278
Sheepskin	Wisconsin	4059	CT1B	89985			9,755	7,662	8,278
South Fond Du Lac	Wisconsin	7203	**CT1	2999	114,966	146,593	93,799	6,899	23,778
South Fond Du Lac	Wisconsin	7203	**CT2	3000	130,356	192,695	107,390	14,385	29,681
South Fond Du Lac	Wisconsin	7203	**CT3	3001	125,585	189,213	86,247	9,419	44,599
South Fond Du Lac	Wisconsin	7203	**CT4	3002	123,668	148,428	77,289	10,420	43,550
South Oak Creek	Wisconsin	4041	5	2590	7,547,697	6,544,684	6,473,737	4,099,832	2,068,125
South Oak Creek	Wisconsin	4041	6	2591	6,426,930	3,464,473	7,183,936	4,929,220	6,533,758
South Oak Creek	Wisconsin	4041	7	2592	7,115,545	8,956,192	7,650,765	1,014,758	6,412,651
South Oak Creek	Wisconsin	4041	8	2593	7,780,286	6,145,099	7,349,038	7,244,585	7,959,768
Valley (WEPCO)	Wisconsin	4042	1	2594	1,813,865	2,103,758	1,313,724	1,080,204	612,111
Valley (WEPCO)	Wisconsin	4042	2	2595	1,930,800	2,047,998	1,356,163	1,119,388	551,693
Valley (WEPCO)	Wisconsin	4042	3	2596	2,049,194	1,608,304	1,927,350	904,809	1,515,711
Valley (WEPCO)	Wisconsin	4042	4	2597	2,068,533	1,603,281	1,867,996	1,072,545	1,570,649
West Marinette	Wisconsin	4076	**33	2611	212,195	648,636	272,338	90,776	142,386
West Marinette	Wisconsin	4076	**34	2612	132,883	346,727	227,134	2,779	25,600
West Marinette	Wisconsin	4076	31A	89871			30,410	13,489	826
West Marinette	Wisconsin	4076	31B	89872			32,132	13,400	704
West Marinette	Wisconsin	4076	32A	89873			71,529	10,762	1,295
West Marinette	Wisconsin	4076	32B	89874			71,390	9,803	1,521
Weston	Wisconsin	4078	1	2613	1,822,062	1,894,121	1,584,124	1,172,665	1,365,733
Weston	Wisconsin	4078	2	2614	3,633,195	2,680,945	2,616,610	1,834,271	2,367,882
Weston	Wisconsin	4078	3	2615	13,154,167	11,704,863	10,152,283	8,733,078	10,774,707

Plant Name	State	ORIS ID	Boiler ID	Steps 2 & 3	Step 4	Step 5	Step 6		
				Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Rockgen Energy Center	Wisconsin	55391	CT-1	303,094	249,555,499	0.001215	13,897	13,438	17
Rockgen Energy Center	Wisconsin	55391	CT-2	337,810	249,555,499	0.001354	13,897	13,438	19
Rockgen Energy Center	Wisconsin	55391	CT-3	418,186	249,555,499	0.001676	13,897	13,438	23
Sheboygan Falls Energy Facility	Wisconsin	56166	1	126,358	249,555,499	0.000506	13,897	13,438	7
Sheboygan Falls Energy Facility	Wisconsin	56166	2	124,149	249,555,499	0.000497	13,897	13,438	7
Sheepskin	Wisconsin	4059	CT1A	8,565	249,555,499	0.000034	13,897	13,438	0
Sheepskin	Wisconsin	4059	CT1B	8,565	249,555,499	0.000034	13,897	13,438	0
South Fond Du Lac	Wisconsin	7203	**CT1	118,453	249,555,499	0.000475	13,897	13,438	7
South Fond Du Lac	Wisconsin	7203	**CT2	143,480	249,555,499	0.000575	13,897	13,438	8
South Fond Du Lac	Wisconsin	7203	**CT3	133,682	249,555,499	0.000536	13,897	13,438	7
South Fond Du Lac	Wisconsin	7203	**CT4	116,461	249,555,499	0.000467	13,897	13,438	6
South Oak Creek	Wisconsin	4041	5	6,855,373	249,555,499	0.027470	13,897	13,438	382
South Oak Creek	Wisconsin	4041	6	6,714,875	249,555,499	0.026907	13,897	13,438	374
South Oak Creek	Wisconsin	4041	7	7,907,501	249,555,499	0.031686	13,897	13,438	440
South Oak Creek	Wisconsin	4041	8	7,696,364	249,555,499	0.030840	13,897	13,438	429
Valley (WEPCO)	Wisconsin	4042	1	1,743,782	249,555,499	0.006988	13,897	13,438	97
Valley (WEPCO)	Wisconsin	4042	2	1,778,321	249,555,499	0.007126	13,897	13,438	99
Valley (WEPCO)	Wisconsin	4042	3	1,861,616	249,555,499	0.007460	13,897	13,438	104
Valley (WEPCO)	Wisconsin	4042	4	1,846,603	249,555,499	0.007400	13,897	13,438	103
West Marinette	Wisconsin	4076	**33	377,723	249,555,499	0.001514	13,897	13,438	21
West Marinette	Wisconsin	4076	**34	235,581	249,555,499	0.000944	13,897	13,438	13
West Marinette	Wisconsin	4076	31A	14,908	249,555,499	0.000060	13,897	13,438	1
West Marinette	Wisconsin	4076	31B	15,412	249,555,499	0.000062	13,897	13,438	1
West Marinette	Wisconsin	4076	32A	27,862	249,555,499	0.000112	13,897	13,438	2
West Marinette	Wisconsin	4076	32B	27,571	249,555,499	0.000110	13,897	13,438	2
Weston	Wisconsin	4078	1	1,766,769	249,555,499	0.007080	13,897	13,438	98
Weston	Wisconsin	4078	2	2,976,916	249,555,499	0.011929	13,897	13,438	166
Weston	Wisconsin	4078	3	11,877,912	249,555,499	0.047596	13,897	13,438	661

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Rockgen Energy Center	Wisconsin	55391	CT-1	16	5	1	13	2	2
Rockgen Energy Center	Wisconsin	55391	CT-2	18	5	2	13	5	2
Rockgen Energy Center	Wisconsin	55391	CT-3	23	5	5	14	5	2
Sheboygan Falls Energy Facility	Wisconsin	56166	1	7			10	2	3
Sheboygan Falls Energy Facility	Wisconsin	56166	2	7			10	2	2
Sheepskin	Wisconsin	4059	CT1A	0					
Sheepskin	Wisconsin	4059	CT1B	0					
South Fond Du Lac	Wisconsin	7203	**CT1	6	12	2	17	4	5
South Fond Du Lac	Wisconsin	7203	**CT2	8	9	3	17	5	7
South Fond Du Lac	Wisconsin	7203	**CT3	7	6	4	14	4	5
South Fond Du Lac	Wisconsin	7203	**CT4	6	3		18	5	6
South Oak Creek	Wisconsin	4041	5	369	479	614	485	626	530
South Oak Creek	Wisconsin	4041	6	362	383	560	618	534	280
South Oak Creek	Wisconsin	4041	7	426	573	602	521	454	597
South Oak Creek	Wisconsin	4041	8	414	540	605	463	500	402
Valley (WEPCO)	Wisconsin	4042	1	94	293	302	429	320	367
Valley (WEPCO)	Wisconsin	4042	2	96	275	307	431	342	358
Valley (WEPCO)	Wisconsin	4042	3	100	317	342	420	406	295
Valley (WEPCO)	Wisconsin	4042	4	99	310	337	449	409	295
West Marinette	Wisconsin	4076	**33	20	21	16	57	12	41
West Marinette	Wisconsin	4076	**34	13	3	3	13	2	5
West Marinette	Wisconsin	4076	31A	1					
West Marinette	Wisconsin	4076	31B	1					
West Marinette	Wisconsin	4076	32A	2					
West Marinette	Wisconsin	4076	32B	1					
Weston	Wisconsin	4078	1	95	759	736	885	631	789
Weston	Wisconsin	4078	2	160	793	802	637	604	545
Weston	Wisconsin	4078	3	640	1,294	1,246	1,795	1,509	1,438

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation							Highest value of columns R - Y		
Rockgen Energy Center	Wisconsin	55391	CT-1	2	2	8	13		
Rockgen Energy Center	Wisconsin	55391	CT-2	2	1	5	13		
Rockgen Energy Center	Wisconsin	55391	CT-3	1	4	6	14		
Sheboygan Falls Energy Facility	Wisconsin	56166	1	1	0	1	10		
Sheboygan Falls Energy Facility	Wisconsin	56166	2	1	0	1	10		
Sheepskin	Wisconsin	4059	CT1A	3	3	3	3		
Sheepskin	Wisconsin	4059	CT1B	3	3	3	3		
South Fond Du Lac	Wisconsin	7203	**CT1	3	0	1	17		
South Fond Du Lac	Wisconsin	7203	**CT2	4	1	1	17		
South Fond Du Lac	Wisconsin	7203	**CT3	3	0	1	14		
South Fond Du Lac	Wisconsin	7203	**CT4	3	0	2	18		
South Oak Creek	Wisconsin	4041	5	579	377	178	626		
South Oak Creek	Wisconsin	4041	6	651	471	544	651		
South Oak Creek	Wisconsin	4041	7	527	67	405	602		
South Oak Creek	Wisconsin	4041	8	504	454	506	605		
Valley (WEPCO)	Wisconsin	4042	1	199	138	80	429		
Valley (WEPCO)	Wisconsin	4042	2	203	143	73	431		
Valley (WEPCO)	Wisconsin	4042	3	367	108	175	420		
Valley (WEPCO)	Wisconsin	4042	4	353	129	181	449		
West Marinette	Wisconsin	4076	**33	16	6	10	57		
West Marinette	Wisconsin	4076	**34	3	0	0	13		
West Marinette	Wisconsin	4076	31A	6	2	0	6		
West Marinette	Wisconsin	4076	31B	6	2	0	6		
West Marinette	Wisconsin	4076	32A	13	2	0	13		
West Marinette	Wisconsin	4076	32B	14	1	0	14		
Weston	Wisconsin	4078	1	629	144	156	885		
Weston	Wisconsin	4078	2	559	234	342	802		
Weston	Wisconsin	4078	3	1,067	953	631	1,795		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Rockgen Energy Center	Wisconsin	55391	CT-1						
Rockgen Energy Center	Wisconsin	55391	CT-2						
Rockgen Energy Center	Wisconsin	55391	CT-3						
Sheboygan Falls Energy Facility	Wisconsin	56166	1						
Sheboygan Falls Energy Facility	Wisconsin	56166	2						
Sheepskin	Wisconsin	4059	CT1A						
Sheepskin	Wisconsin	4059	CT1B						
South Fond Du Lac	Wisconsin	7203	**CT1						
South Fond Du Lac	Wisconsin	7203	**CT2						
South Fond Du Lac	Wisconsin	7203	**CT3						
South Fond Du Lac	Wisconsin	7203	**CT4						
South Oak Creek	Wisconsin	4041	5						
South Oak Creek	Wisconsin	4041	6						
South Oak Creek	Wisconsin	4041	7						
South Oak Creek	Wisconsin	4041	8						
Valley (WEPCO)	Wisconsin	4042	1						
Valley (WEPCO)	Wisconsin	4042	2						
Valley (WEPCO)	Wisconsin	4042	3						
Valley (WEPCO)	Wisconsin	4042	4						
West Marinette	Wisconsin	4076	**33						
West Marinette	Wisconsin	4076	**34						
West Marinette	Wisconsin	4076	31A						
West Marinette	Wisconsin	4076	31B						
West Marinette	Wisconsin	4076	32A						
West Marinette	Wisconsin	4076	32B						
Weston	Wisconsin	4078	1						
Weston	Wisconsin	4078	2						
Weston	Wisconsin	4078	3						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons) (Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons) (Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons) (Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons) (Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Calculation							
Rockgen Energy Center	Wisconsin	55391	CT-1	13	13	13	13
Rockgen Energy Center	Wisconsin	55391	CT-2	13	13	13	13
Rockgen Energy Center	Wisconsin	55391	CT-3	14	14	14	14
Sheboygan Falls Energy Facility	Wisconsin	56166	1	8	8	8	8
Sheboygan Falls Energy Facility	Wisconsin	56166	2	8	8	7	7
Sheepskin	Wisconsin	4059	CT1A	1	1	1	1
Sheepskin	Wisconsin	4059	CT1B	1	1	1	1
South Fond Du Lac	Wisconsin	7203	**CT1	7	7	7	7
South Fond Du Lac	Wisconsin	7203	**CT2	9	9	9	9
South Fond Du Lac	Wisconsin	7203	**CT3	8	8	8	8
South Fond Du Lac	Wisconsin	7203	**CT4	7	7	7	7
South Oak Creek	Wisconsin	4041	5	428	428	413	413
South Oak Creek	Wisconsin	4041	6	420	420	405	405
South Oak Creek	Wisconsin	4041	7	494	494	477	477
South Oak Creek	Wisconsin	4041	8	481	481	464	464
Valley (WEPCO)	Wisconsin	4042	1	109	109	105	105
Valley (WEPCO)	Wisconsin	4042	2	111	111	107	107
Valley (WEPCO)	Wisconsin	4042	3	116	116	112	112
Valley (WEPCO)	Wisconsin	4042	4	115	115	111	111
West Marinette	Wisconsin	4076	**33	24	24	23	23
West Marinette	Wisconsin	4076	**34	13	13	13	13
West Marinette	Wisconsin	4076	31A	1	1	1	1
West Marinette	Wisconsin	4076	31B	1	1	1	1
West Marinette	Wisconsin	4076	32A	2	2	2	2
West Marinette	Wisconsin	4076	32B	2	2	2	2
Weston	Wisconsin	4078	1	110	110	106	106
Weston	Wisconsin	4078	2	186	186	179	179
Weston	Wisconsin	4078	3	742	742	716	716

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE)	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF)	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG)	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH)	
Calculation								
Rockgen Energy Center	Wisconsin	55391	CT-1	13	13	13	13	Y
Rockgen Energy Center	Wisconsin	55391	CT-2	13	13	13	13	Y
Rockgen Energy Center	Wisconsin	55391	CT-3	14	14	14	14	Y
Sheboygan Falls Energy Facility	Wisconsin	56166	1	8	8	8	8	Y
Sheboygan Falls Energy Facility	Wisconsin	56166	2	7	7	7	7	Y
Sheepskin	Wisconsin	4059	CT1A	1	1	1	1	Y
Sheepskin	Wisconsin	4059	CT1B	1	1	1	1	Y
South Fond Du Lac	Wisconsin	7203	**CT1	7	7	7	7	Y
South Fond Du Lac	Wisconsin	7203	**CT2	9	9	9	9	Y
South Fond Du Lac	Wisconsin	7203	**CT3	8	8	8	8	Y
South Fond Du Lac	Wisconsin	7203	**CT4	7	7	7	7	Y
South Oak Creek	Wisconsin	4041	5	413	413	413	413	Y
South Oak Creek	Wisconsin	4041	6	405	405	405	405	Y
South Oak Creek	Wisconsin	4041	7	477	477	477	477	Y
South Oak Creek	Wisconsin	4041	8	464	464	464	464	Y
Valley (WEPCO)	Wisconsin	4042	1	105	105	105	105	Y
Valley (WEPCO)	Wisconsin	4042	2	107	107	107	107	Y
Valley (WEPCO)	Wisconsin	4042	3	112	112	112	112	Y
Valley (WEPCO)	Wisconsin	4042	4	111	111	111	111	Y
West Marinette	Wisconsin	4076	**33	23	23	23	23	Y
West Marinette	Wisconsin	4076	**34	13	13	13	13	Y
West Marinette	Wisconsin	4076	31A	1	1	1	1	Y
West Marinette	Wisconsin	4076	31B	1	1	1	1	Y
West Marinette	Wisconsin	4076	32A	2	2	2	2	Y
West Marinette	Wisconsin	4076	32B	2	2	2	2	Y
Weston	Wisconsin	4078	1	106	106	106	106	Y
Weston	Wisconsin	4078	2	179	179	179	179	Y
Weston	Wisconsin	4078	3	716	716	716	716	Y

Plant Name	State	ORIS ID	Boiler ID	Data Flags				
				Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Rockgen Energy Center	Wisconsin	55391	CT-1	Y		Y		
Rockgen Energy Center	Wisconsin	55391	CT-2	Y		Y		
Rockgen Energy Center	Wisconsin	55391	CT-3	Y		Y		
Sheboygan Falls Energy Facility	Wisconsin	56166	1	Y		Y		
Sheboygan Falls Energy Facility	Wisconsin	56166	2	Y		Y		
Sheepskin	Wisconsin	4059	CT1A	Y		Y		
Sheepskin	Wisconsin	4059	CT1B	Y		Y		
South Fond Du Lac	Wisconsin	7203	**CT1	Y		Y		
South Fond Du Lac	Wisconsin	7203	**CT2	Y		Y		
South Fond Du Lac	Wisconsin	7203	**CT3	Y		Y		
South Fond Du Lac	Wisconsin	7203	**CT4	Y		Y		
South Oak Creek	Wisconsin	4041	5	Y		Y		
South Oak Creek	Wisconsin	4041	6	Y		Y		
South Oak Creek	Wisconsin	4041	7	Y		Y		
South Oak Creek	Wisconsin	4041	8	Y		Y		
Valley (WEPCO)	Wisconsin	4042	1	Y		Y		
Valley (WEPCO)	Wisconsin	4042	2	Y		Y		
Valley (WEPCO)	Wisconsin	4042	3	Y		Y		
Valley (WEPCO)	Wisconsin	4042	4	Y		Y		
West Marinette	Wisconsin	4076	**33	Y		Y		
West Marinette	Wisconsin	4076	**34	Y		Y		
West Marinette	Wisconsin	4076	31A	Y		Y		
West Marinette	Wisconsin	4076	31B	Y		Y		
West Marinette	Wisconsin	4076	32A	Y		Y		
West Marinette	Wisconsin	4076	32B	Y		Y		
Weston	Wisconsin	4078	1	Y		Y		
Weston	Wisconsin	4078	2	Y		Y		
Weston	Wisconsin	4078	3	Y		Y		

					Step 1				
Plant Name	State	ORIS ID	Boiler ID	CAMD Unit ID	2006 Ozone Season Heat Input (mmBtu)	2007 Ozone Season Heat Input (mmBtu)	2008 Ozone Season Heat Input (mmBtu)	2009 Ozone Season Heat Input (mmBtu)	2010 Ozone Season Heat Input (mmBtu)
Calculation									
Weston	Wisconsin	4078	32A	89867			2,577	7,982	2,726
Weston	Wisconsin	4078	32B	89875			10,436	7,866	2,618
Weston	Wisconsin	4078	4	89565				12,110,995	15,749,240
Wheaton Generating Plant	Wisconsin	4014	1	89998			14,470	29,427	83,170
Wheaton Generating Plant	Wisconsin	4014	2	89999			12,521	32,475	66,299
Wheaton Generating Plant	Wisconsin	4014	3	90000			15,754	28,857	199,530
Wheaton Generating Plant	Wisconsin	4014	4	90001			9,272	23,471	176,347
Wheaton Generating Plant	Wisconsin	4014	5	90002			158	5,563	4,975
Wheaton Generating Plant	Wisconsin	4014	6	90003			3,356	6,058	4,878
Whitewater Cogeneration Facility	Wisconsin	55011	01	3813	2,763,320	3,335,274	2,122,933	3,042,444	2,917,538

				Steps 2 & 3	Step 4	Step 5	Step 6		
Plant Name	State	ORIS ID	Boiler ID	Unit Level Average of 3 Highest Non-Zero Ozone Season Heat Inputs from 2006 to 2010 (mmBtu)	State Level Summation of Unit Level Three Year Average Ozone Season Heat Input (mmBtu)	Unit 's Percentage Share of State's Ozone Season Heat Input	Ozone Season NO _x 2012 State Budget for Existing Units (tons)	Ozone Season NO _x 2014 State Budget for Existing Units (tons)	Initial Heat Input Based 2012 Ozone Season NO _x Allocation (tons)
Calculation				Average of three highest non-zero values in columns F - J	Sum column K values to get State level totals	Column K divided by column L			Column M x column N
Weston	Wisconsin	4078	32A	4,429	249,555,499	0.000018	13,897	13,438	0
Weston	Wisconsin	4078	32B	6,973	249,555,499	0.000028	13,897	13,438	0
Weston	Wisconsin	4078	4	13,930,117	249,555,499	0.055820	13,897	13,438	776
Wheaton Generating Plant	Wisconsin	4014	1	42,356	249,555,499	0.000170	13,897	13,438	2
Wheaton Generating Plant	Wisconsin	4014	2	37,098	249,555,499	0.000149	13,897	13,438	2
Wheaton Generating Plant	Wisconsin	4014	3	81,380	249,555,499	0.000326	13,897	13,438	5
Wheaton Generating Plant	Wisconsin	4014	4	69,696	249,555,499	0.000279	13,897	13,438	4
Wheaton Generating Plant	Wisconsin	4014	5	3,566	249,555,499	0.000014	13,897	13,438	0
Wheaton Generating Plant	Wisconsin	4014	6	4,764	249,555,499	0.000019	13,897	13,438	0
Whitewater Cogeneration Facility	Wisconsin	55011	01	3,098,418	249,555,499	0.012416	13,897	13,438	173

				Step 7					
Plant Name	State	ORIS ID	Boiler ID	Initial Heat Input Based 2014 Ozone Season NO _x Allocation (tons)	2003 Ozone Season NO _x Emissions (tons)	2004 Ozone Season NO _x Emissions (tons)	2005 Ozone Season NO _x Emissions (tons)	2006 Ozone Season NO _x Emissions (tons)	2007 Ozone Season NO _x Emissions (tons)
Calculation				Column M x column O					
Weston	Wisconsin	4078	32A	0					
Weston	Wisconsin	4078	32B	0					
Weston	Wisconsin	4078	4	750					
Wheaton Generating Plant	Wisconsin	4014	1	2					
Wheaton Generating Plant	Wisconsin	4014	2	2					
Wheaton Generating Plant	Wisconsin	4014	3	4					
Wheaton Generating Plant	Wisconsin	4014	4	4					
Wheaton Generating Plant	Wisconsin	4014	5	0					
Wheaton Generating Plant	Wisconsin	4014	6	0					
Whitewater Cogeneration Facility	Wisconsin	55011	01	167	15	12	24	26	29

Plant Name	State	ORIS ID	Boiler ID	2008 Ozone Season NO _x Emissions (tons)	2009 Ozone Season NO _x Emissions (tons)	2010 Ozone Season NO _x Emissions (tons)	Ozone Season NO _x Maximum Historic Baseline (tons)	2012 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2013 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
							Highest value of columns R - Y		
Weston	Wisconsin	4078	32A	0	1	0	1		
Weston	Wisconsin	4078	32B	2	1	0	2		
Weston	Wisconsin	4078	4		332	442	442		
Wheaton Generating Plant	Wisconsin	4014	1	1	4	10	10		
Wheaton Generating Plant	Wisconsin	4014	2	1	5	10	10		
Wheaton Generating Plant	Wisconsin	4014	3	1	3	24	24		
Wheaton Generating Plant	Wisconsin	4014	4	1	3	20	20		
Wheaton Generating Plant	Wisconsin	4014	5	0	2	2	2		
Wheaton Generating Plant	Wisconsin	4014	6	1	2	2	2		
Whitewater Cogeneration Facility	Wisconsin	55011	01	20	27	26	29		

				Step 8					
Plant Name	State	ORIS ID	Boiler ID	2014 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2015 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2016 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2017 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2018 Ozone Season NOX Consent Decree Cap (if applicable) (tons)	2019 Ozone Season NOX Consent Decree Cap (if applicable) (tons)
Calculation									
Weston	Wisconsin	4078	32A						
Weston	Wisconsin	4078	32B						
Weston	Wisconsin	4078	4						
Wheaton Generating Plant	Wisconsin	4014	1						
Wheaton Generating Plant	Wisconsin	4014	2						
Wheaton Generating Plant	Wisconsin	4014	3						
Wheaton Generating Plant	Wisconsin	4014	4						
Wheaton Generating Plant	Wisconsin	4014	5						
Wheaton Generating Plant	Wisconsin	4014	6						
Whitewater Cogeneration Facility	Wisconsin	55011	01						

				Steps 9 & 10			
Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2012 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2013 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2014 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2015 (tons)
Calculation				(Lesser of columns Z, AA, and P + reapportionment if P < (Z and AA))	(Lesser of columns Z, AB, and P + reapportionment if P < (Z and AB))	(Lesser of columns Z, AC, and P + reapportionment if P < (Z and AC))	(Lesser of columns Z, AD, and P + reapportionment if P < (Z and AD))
Weston	Wisconsin	4078	32A	0	0	0	0
Weston	Wisconsin	4078	32B	0	0	0	0
Weston	Wisconsin	4078	4	442	442	442	442
Wheaton Generating Plant	Wisconsin	4014	1	3	3	3	3
Wheaton Generating Plant	Wisconsin	4014	2	2	2	2	2
Wheaton Generating Plant	Wisconsin	4014	3	5	5	5	5
Wheaton Generating Plant	Wisconsin	4014	4	4	4	4	4
Wheaton Generating Plant	Wisconsin	4014	5	0	0	0	0
Wheaton Generating Plant	Wisconsin	4014	6	0	0	0	0
Whitewater Cogeneration Facility	Wisconsin	55011	01	29	29	29	29

Plant Name	State	ORIS ID	Boiler ID	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2016 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2017 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2018 (tons)	Final Transport Rule Unit Level NO _x Ozone Season Allocation 2019 (tons)	Transport Rule Annual Program?
Calculation				(Lesser of columns Z, AE, and P + reapportionment if P < (Z and AE))	(Lesser of columns Z, AF, and P + reapportionment if P < (Z and AF))	(Lesser of columns Z, AG, and P + reapportionment if P < (Z and AG))	(Lesser of columns Z, AH, and P + reapportionment if P < (Z and AH))	
Weston	Wisconsin	4078	32A	0	0	0	0	Y
Weston	Wisconsin	4078	32B	0	0	0	0	Y
Weston	Wisconsin	4078	4	442	442	442	442	Y
Wheaton Generating Plant	Wisconsin	4014	1	3	3	3	3	Y
Wheaton Generating Plant	Wisconsin	4014	2	2	2	2	2	Y
Wheaton Generating Plant	Wisconsin	4014	3	5	5	5	5	Y
Wheaton Generating Plant	Wisconsin	4014	4	4	4	4	4	Y
Wheaton Generating Plant	Wisconsin	4014	5	0	0	0	0	Y
Wheaton Generating Plant	Wisconsin	4014	6	0	0	0	0	Y
Whitewater Cogeneration Facility	Wisconsin	55011	01	29	29	29	29	Y

				Data Flags				
Plant Name	State	ORIS ID	Boiler ID	Group 1?	Group 2?	Transport Rule Ozone Season Program?	EIA Data Substitution	Comment Data Substitution
Calculation								
Weston	Wisconsin	4078	32A	Y		Y		
Weston	Wisconsin	4078	32B	Y		Y		
Weston	Wisconsin	4078	4	Y		Y		Y
Wheaton Generating Plant	Wisconsin	4014	1	Y		Y		
Wheaton Generating Plant	Wisconsin	4014	2	Y		Y		
Wheaton Generating Plant	Wisconsin	4014	3	Y		Y		
Wheaton Generating Plant	Wisconsin	4014	4	Y		Y		
Wheaton Generating Plant	Wisconsin	4014	5	Y		Y		
Wheaton Generating Plant	Wisconsin	4014	6	Y		Y		
Whitewater Cogeneration Facility	Wisconsin	55011	01	Y		Y		