

**PROPOSED: MISSOURI STATE IMPLEMENTATION PLAN REVISION —
CROSS-STATE AIR POLLUTION RULE
NO_x ANNUAL AND OZONE SEASON TRADING PROGRAMS**

The Missouri Department of Natural Resources' Air Pollution Control Program (Air Program) is proposing two revisions to the Missouri State Implementation Plan (SIP). These SIP revisions will reallocate emission allowances for the 2016 control period under the U.S. Environmental Protection Agency (EPA) Cross-State Air Pollution Rule (CSAPR).

The CSAPR is a federal rule designed to reduce the interstate transport of power plant emissions through an EPA-administered emission cap-and-trade program. CSAPR is being implemented as a Federal Implementation Plan (FIP) effective without action by states, but states have the option to reallocate emission allowances for control periods starting in 2016 and beyond through a SIP revision. The Air Program is presenting for public hearing SIP revisions that will reallocate emission allowances for the 2016 control period only. The Air Program is pursuing separate rulemakings and SIP revisions to reallocate allowances for the 2017 control period and beyond. The purpose of these actions is to reallocate allowances to two municipalities that would have received zero allowances under the FIP.

The timing of CSAPR's implementation has been affected by a number of court actions. On December 30, 2011, CSAPR was stayed prior to implementation. On April 29, 2014, the U.S. Supreme Court issued an opinion reversing an August 21, 2012 D.C. Circuit decision that had vacated CSAPR. Following the remand of the case to the D.C. Circuit, EPA requested that the court lift the CSAPR stay and toll the CSAPR compliance deadlines by three years. On October 23, 2014, the D.C. Circuit granted EPA's request. Accordingly, CSAPR implementation will begin January 1, 2015.

The complete documents have not been reprinted in the briefing document due to their volume. The entire documents for each of these SIP revisions are available for review at the Missouri Department of Natural Resources' Air Pollution Control Program, 1659 East Elm Street, Jefferson City, Missouri 65101, (573) 751-4817. They are also available online at <http://dnr.mo.gov/env/apcp/stateplanrevisions.htm>

The following pages are included in the briefing document for reference:

- Cross State Air Pollution Rule NO_x Annual Trading Program
 - o Purpose
 - o Table 1 - Missouri TR NO_x Annual Allocations for the 2016 Control Period
- Cross State Air Pollution Rule NO_x Ozone Season Trading Program
 - o Purpose
 - o Table 1 - Missouri TR NO_x Ozone Season Allocations for the 2016 Control Period

If the commission adopts these plans, it will be the department's intention to submit them to the U.S. Environmental Protection Agency for inclusion in the Missouri State Implementation Plan.

**MISSOURI STATE IMPLEMENTATION PLAN REVISION
CROSS-STATE AIR POLLUTION RULE
NO_x ANNUAL TRADING PROGRAM**

PURPOSE

The purpose of the State Implementation Plan (SIP) revision described in this document is for the Missouri Department of Natural Resources' Air Pollution Control Program (Air Program) to assume allocation authority for the Missouri existing unit budget in the Transport Rule (TR) NO_x Annual Trading Program for the 2016 control period under the U.S. Environmental Protection Agency's (EPA) Cross-State Air Pollution Rule (CSAPR). The Air Program is submitting a SIP revision with adjusted individual unit level allocations that will replace the allocations from the existing unit budget established by the CSAPR Federal Implementation Plan (FIP) for the 2016 control period.

This document outlines the purpose, background, and authority to submit as a SIP revision the unit level allowance allocations for existing TR NO_x Annual units in Missouri for the 2016 control period. This document will be submitted to EPA, but the Air Program is only requesting SIP approval of the allowance allocations being submitted.

When the federal allowance allocation method is applied to Missouri's existing unit budget for the TR NO_x Annual Trading Program for the 2016 control period, there are nine (9) excess allowances in the existing unit budget due to rounding. This SIP revision will reallocate four (4) of these nine (9) excess allowances as follows: two (2) allowances to the facility owned by the City of Chillicothe and two (2) allowances to the facility owned by the City of Higginsville. All other existing unit budget allowances will be distributed identically to the federal allocation method.

This SIP revision redistributes emission allowances for the 2016 control period only. The Air Program is pursuing a separate rulemaking and SIP revision to reallocate allowances for the control periods in 2017 and beyond.

Table 1. Missouri TR NO_x Annual Allocations for the 2016 Control Period

Plant Name	State	ORIS ID	Boiler ID	2016 TR NO _x Annual Allocation
Asbury	Missouri	2076	1	989
Audrain Power Plant	Missouri	55234	CT1	2
Audrain Power Plant	Missouri	55234	CT2	2
Audrain Power Plant	Missouri	55234	CT3	2
Audrain Power Plant	Missouri	55234	CT4	2
Audrain Power Plant	Missouri	55234	CT5	1
Audrain Power Plant	Missouri	55234	CT6	1
Audrain Power Plant	Missouri	55234	CT7	1
Audrain Power Plant	Missouri	55234	CT8	1
Blue Valley	Missouri	2132	3	141
Chamois Power Plant	Missouri	2169	2	278
Chillicothe	Missouri	2122	GT1A	2
Chillicothe	Missouri	2122	GT1B	0
Chillicothe	Missouri	2122	GT2A	0
Chillicothe	Missouri	2122	GT2B	0
Columbia	Missouri	2123	6	24
Columbia	Missouri	2123	7	67
Columbia	Missouri	2123	8	0
Columbia Energy Center (MO)	Missouri	55447	CT01	1
Columbia Energy Center (MO)	Missouri	55447	CT02	2
Columbia Energy Center (MO)	Missouri	55447	CT03	1
Columbia Energy Center (MO)	Missouri	55447	CT04	1
Dogwood Energy Facility	Missouri	55178	CT-1	33
Dogwood Energy Facility	Missouri	55178	CT-2	30
Empire District Elec Co Energy Ctr	Missouri	6223	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	2
Empire District Elec Co Energy Ctr	Missouri	6223	3A	11
Empire District Elec Co Energy Ctr	Missouri	6223	3B	11
Empire District Elec Co Energy Ctr	Missouri	6223	4A	12
Empire District Elec Co Energy Ctr	Missouri	6223	4B	12
Essex Power Plant	Missouri	7749	1	9
Fairgrounds	Missouri	2082	CT01	0
Greenwood Energy Center	Missouri	6074	1	6
Greenwood Energy Center	Missouri	6074	2	5
Greenwood Energy Center	Missouri	6074	3	7
Greenwood Energy Center	Missouri	6074	4	8
Hawthorn	Missouri	2079	5A	2,445
Hawthorn	Missouri	2079	6	1
Hawthorn	Missouri	2079	7	7
Hawthorn	Missouri	2079	8	8
Hawthorn	Missouri	2079	9	21
Higginsville Municipal Power Plant	Missouri	2131	4A	2
Higginsville Municipal Power Plant	Missouri	2131	4B	0
Holden Power Plant	Missouri	7848	1	5
Holden Power Plant	Missouri	7848	2	6
Holden Power Plant	Missouri	7848	3	5

Plant Name	State	ORIS ID	Boiler ID	2016 TR NO _x Annual Allocation
Howard Bend	Missouri	2102	CT1A	0
Howard Bend	Missouri	2102	CT1B	0
Iatan	Missouri	6065	1	3,464
James River	Missouri	2161	**GT1	7
James River	Missouri	2161	**GT2	15
James River	Missouri	2161	3	232
James River	Missouri	2161	4	264
James River	Missouri	2161	5	487
John Twitty Energy Center	Missouri	6195	1	897
John Twitty Energy Center	Missouri	6195	CT1A	1
John Twitty Energy Center	Missouri	6195	CT1B	1
John Twitty Energy Center	Missouri	6195	CT2A	1
John Twitty Energy Center	Missouri	6195	CT2B	1
Labadie	Missouri	2103	1	2,321
Labadie	Missouri	2103	2	2,495
Labadie	Missouri	2103	3	2,695
Labadie	Missouri	2103	4	2,613
Lake Road	Missouri	2098	6	463
Lake Road	Missouri	2098	GT5	2
McCartney Generating Station	Missouri	7903	MGS1A	11
McCartney Generating Station	Missouri	7903	MGS1B	11
McCartney Generating Station	Missouri	7903	MGS2A	11
McCartney Generating Station	Missouri	7903	MGS2B	11
Meramec	Missouri	2104	1	724
Meramec	Missouri	2104	2	682
Meramec	Missouri	2104	3	1,204
Meramec	Missouri	2104	4	1,678
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	811
Montrose	Missouri	2080	2	795
Montrose	Missouri	2080	3	835
Moreau	Missouri	6652	CT01	0
New Madrid Power Plant	Missouri	2167	1	2,548
New Madrid Power Plant	Missouri	2167	2	2,432
Nodaway Power Plant	Missouri	7754	1	5
Nodaway Power Plant	Missouri	7754	2	5
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	1

Plant Name	State	ORIS ID	Boiler ID	2016 TR NO _x Annual Allocation
Northeast Generating Station	Missouri	2081	18	1
Peno Creek Energy Center	Missouri	7964	CT1A	11
Peno Creek Energy Center	Missouri	7964	CT1B	10
Peno Creek Energy Center	Missouri	7964	CT2A	10
Peno Creek Energy Center	Missouri	7964	CT2B	10
Peno Creek Energy Center	Missouri	7964	CT3A	11
Peno Creek Energy Center	Missouri	7964	CT3B	11
Peno Creek Energy Center	Missouri	7964	CT4A	10
Peno Creek Energy Center	Missouri	7964	CT4B	10
Ralph Green Station	Missouri	2092	3	1
Rush Island	Missouri	6155	1	2,086
Rush Island	Missouri	6155	2	2,106
Sibley	Missouri	2094	1	249
Sibley	Missouri	2094	2	245
Sibley	Missouri	2094	3	1,567
Sikeston	Missouri	6768	1	1,420
Sioux	Missouri	2107	1	2,098
Sioux	Missouri	2107	2	1,893
South Harper Peaking Facility	Missouri	56151	1	15
South Harper Peaking Facility	Missouri	56151	2	19
South Harper Peaking Facility	Missouri	56151	3	23
St. Francis Power Plant	Missouri	7604	1	31
St. Francis Power Plant	Missouri	7604	2	29
State Line (MO)	Missouri	7296	1	9
State Line (MO)	Missouri	7296	2-1	57
State Line (MO)	Missouri	7296	2-2	59
Thomas Hill Energy Center	Missouri	2168	MB1	928
Thomas Hill Energy Center	Missouri	2168	MB2	1,451
Thomas Hill Energy Center	Missouri	2168	MB3	2,993
Viaduct	Missouri	2096	CT01	0

**MISSOURI STATE IMPLEMENTATION PLAN REVISION
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PURPOSE

The purpose of the State Implementation Plan (SIP) revision described in this document is for the Missouri Department of Natural Resources' Air Pollution Control Program (Air Program) to assume allocation authority for the Missouri existing unit budget in the Transport Rule (TR) NO_x Ozone Season Trading Program for the 2016 control period under the U.S. Environmental Protection Agency's (EPA) Cross-State Air Pollution Rule (CSAPR). The Air Program is submitting a SIP revision with adjusted individual unit level allocations that will replace the allocations from the existing unit budget established by the CSAPR Federal Implementation Plan (FIP) for the 2016 control period.

This document outlines the purpose, background, and authority to submit as a SIP revision the unit level allowance allocations for existing TR NO_x Ozone Season units in Missouri for the 2016 control period. This document will be submitted to EPA, but the Air Program is only requesting SIP approval of the allowance allocations being submitted.

When the federal allocation method is applied to Missouri's existing unit budget for the TR NO_x Ozone Season Trading Program for the 2016 control period, there are five (5) excess allowances in the existing unit budget due to rounding. This SIP revision will reallocate two (2) of these five (5) excess allowances as follows: one (1) allowance to the facility owned by the City of Chillicothe and one (1) allowance to the facility owned by the City of Higginsville. All other existing unit budget allowances will be distributed identically to the federal allocation method.

This SIP revision redistributes emission allowances for the 2016 control period only. The Air Program is pursuing a separate rulemaking and SIP revision to reallocate allowances for the control periods in 2017 and beyond.

Table 1. Missouri TR NO_x Ozone Season Allocations for the 2016 Control Period

Plant Name	State	ORIS ID	Boiler ID	2016 TR NO _x Ozone Season Allocation
Asbury	Missouri	2076	1	444
Audrain Power Plant	Missouri	55234	CT1	1
Audrain Power Plant	Missouri	55234	CT2	1
Audrain Power Plant	Missouri	55234	CT3	1
Audrain Power Plant	Missouri	55234	CT4	1
Audrain Power Plant	Missouri	55234	CT5	1
Audrain Power Plant	Missouri	55234	CT6	1
Audrain Power Plant	Missouri	55234	CT7	1
Audrain Power Plant	Missouri	55234	CT8	1
Blue Valley	Missouri	2132	3	73
Chamois Power Plant	Missouri	2169	2	114
Chillicothe	Missouri	2122	GT1A	1
Chillicothe	Missouri	2122	GT1B	0
Chillicothe	Missouri	2122	GT2A	0
Chillicothe	Missouri	2122	GT2B	0
Columbia	Missouri	2123	6	20
Columbia	Missouri	2123	7	29
Columbia	Missouri	2123	8	0
Columbia Energy Center (MO)	Missouri	55447	CT01	1
Columbia Energy Center (MO)	Missouri	55447	CT02	1
Columbia Energy Center (MO)	Missouri	55447	CT03	1
Columbia Energy Center (MO)	Missouri	55447	CT04	0
Dogwood Energy Facility	Missouri	55178	CT-1	23
Dogwood Energy Facility	Missouri	55178	CT-2	18
Empire District Elec Co Energy Ctr	Missouri	6223	1	1
Empire District Elec Co Energy Ctr	Missouri	6223	2	2
Empire District Elec Co Energy Ctr	Missouri	6223	3A	6
Empire District Elec Co Energy Ctr	Missouri	6223	3B	6
Empire District Elec Co Energy Ctr	Missouri	6223	4A	6
Empire District Elec Co Energy Ctr	Missouri	6223	4B	6
Essex Power Plant	Missouri	7749	1	8
Fairgrounds	Missouri	2082	CT01	0
Greenwood Energy Center	Missouri	6074	1	3
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	1,082
Hawthorn	Missouri	2079	6	1
Hawthorn	Missouri	2079	7	6
Hawthorn	Missouri	2079	8	7
Hawthorn	Missouri	2079	9	21
Higginsville Municipal Power Plant	Missouri	2131	4A	1
Higginsville Municipal Power Plant	Missouri	2131	4B	0
Holden Power Plant	Missouri	7848	1	3
Holden Power Plant	Missouri	7848	2	4
Holden Power Plant	Missouri	7848	3	3

Plant Name	State	ORIS ID	Boiler ID	2016 TR NO _x Ozone Season Allocation
Howard Bend	Missouri	2102	CT1A	0
Howard Bend	Missouri	2102	CT1B	0
Iatan	Missouri	6065	1	1,550
James River	Missouri	2161	**GT1	7
James River	Missouri	2161	**GT2	13
James River	Missouri	2161	3	99
James River	Missouri	2161	4	115
James River	Missouri	2161	5	210
John Twitty Energy Center	Missouri	6195	1	396
John Twitty Energy Center	Missouri	6195	CT1A	1
John Twitty Energy Center	Missouri	6195	CT1B	1
John Twitty Energy Center	Missouri	6195	CT2A	1
John Twitty Energy Center	Missouri	6195	CT2B	1
Labadie	Missouri	2103	1	986
Labadie	Missouri	2103	2	1,038
Labadie	Missouri	2103	3	1,121
Labadie	Missouri	2103	4	1,100
Lake Road	Missouri	2098	6	200
Lake Road	Missouri	2098	GT5	1
McCartney Generating Station	Missouri	7903	MGS1A	10
McCartney Generating Station	Missouri	7903	MGS1B	10
McCartney Generating Station	Missouri	7903	MGS2A	9
McCartney Generating Station	Missouri	7903	MGS2B	9
Meramec	Missouri	2104	1	287
Meramec	Missouri	2104	2	281
Meramec	Missouri	2104	3	545
Meramec	Missouri	2104	4	713
Meramec	Missouri	2104	CT01	0
Meramec	Missouri	2104	CT2A	0
Meramec	Missouri	2104	CT2B	0
Mexico	Missouri	6650	CT01	0
Moberly	Missouri	6651	CT01	1
Montrose	Missouri	2080	1	351
Montrose	Missouri	2080	2	333
Montrose	Missouri	2080	3	346
Moreau	Missouri	6652	CT01	0
New Madrid Power Plant	Missouri	2167	1	1,115
New Madrid Power Plant	Missouri	2167	2	1,121
Nodaway Power Plant	Missouri	7754	1	4
Nodaway Power Plant	Missouri	7754	2	5
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

Plant Name	State	ORIS ID	Boiler ID	2016 TR NO _x Ozone Season Allocation
Northeast Generating Station	Missouri	2081	18	0
Peno Creek Energy Center	Missouri	7964	CT1A	8
Peno Creek Energy Center	Missouri	7964	CT1B	8
Peno Creek Energy Center	Missouri	7964	CT2A	8
Peno Creek Energy Center	Missouri	7964	CT2B	7
Peno Creek Energy Center	Missouri	7964	CT3A	7
Peno Creek Energy Center	Missouri	7964	CT3B	8
Peno Creek Energy Center	Missouri	7964	CT4A	8
Peno Creek Energy Center	Missouri	7964	CT4B	8
Ralph Green Station	Missouri	2092	3	1
Rush Island	Missouri	6155	1	885
Rush Island	Missouri	6155	2	916
Sibley	Missouri	2094	1	102
Sibley	Missouri	2094	2	106
Sibley	Missouri	2094	3	689
Sikeston	Missouri	6768	1	618
Sioux	Missouri	2107	1	872
Sioux	Missouri	2107	2	778
South Harper Peaking Facility	Missouri	56151	1	12
South Harper Peaking Facility	Missouri	56151	2	16
South Harper Peaking Facility	Missouri	56151	3	20
St. Francis Power Plant	Missouri	7604	1	19
St. Francis Power Plant	Missouri	7604	2	18
State Line (MO)	Missouri	7296	1	5
State Line (MO)	Missouri	7296	2-1	28
State Line (MO)	Missouri	7296	2-2	29
Thomas Hill Energy Center	Missouri	2168	MB1	412
Thomas Hill Energy Center	Missouri	2168	MB2	628
Thomas Hill Energy Center	Missouri	2168	MB3	1,315
Viaduct	Missouri	2096	CT01	0