



Steven L. Beshear
Governor

**Energy and Environment Cabinet
Department for Environmental Protection**

Leonard K. Peters
Secretary

Division for Air Quality
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Frankfort, Kentucky 40601-1403
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October 23, 2015

EPA Docket Center, WJC West Building
Attention: Docket ID No. EPA-HQ-OAR-2015-0500
U.S. Environmental Protection Agency
Mail Code 28221T
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Re: Docket ID No. EPA-HQ-OAR-2015-0500 - *Comments on the Notice of Data Availability (NODA) for the Environmental Protection Agency's Updated Ozone Transport Modeling Data for the 2008 Ozone National Ambient Air Quality Standard (NAAQS), 80 FR 46271, Publication Date 08/04/2015*

On behalf of the Commonwealth of Kentucky, the Division for Air Quality (Division) respectfully submits the following comments in response to the August 4, 2015, *Federal Register* notice soliciting comments on the NODA referenced above. In particular, the Division is providing comments regarding the 2017 EGU IPM emissions projection data utilized for EPA's updated ozone transport modeling.

Please refer to the attached excel file (*KYDAQ Comments_on_EPA's_July_2015_Ozone_Transport_NODA_using_EPA's_2011eh_2017eh_ptegu_unit_comparison_spreadsheet*) that is being provided to the docket with this cover letter. The Division's comments are provided in column AJ of the above-mentioned spreadsheet.

The Division appreciates the opportunity to comment on EPA's 2017 EGU emissions modeling data for ozone. If you have any questions regarding the Division comments provided, please contact Mr. Martin Luther, of my staff, at (502) 564-3999, Ext. 4412.

Sincerely,

A handwritten signature in black ink that reads "Sean Alteri".
Sean Alteri
Director

SA:mrl

**Kentucky Division for Air Quality Comments on EPA's July 2015 NODA for EPA's Updated Ozone T
Modeling Data for the 2008 Ozone NAAQS - Docket ID No. EPA-HQ-OAR-2015-0500**

(See Division Comments in Column AJ)

County	FI State	County	EIS Facility I	EIS Unit ID	Facility Name	ORIS Facil	ORIS Boil
21015	Kentucky	Boone Co	6040811	23832013	Duke Energy KY East Bend	6018	2
21015	Kentucky	Boone Co	6040811	23832113	Duke Energy KY East Bend	6018	2
21017	Kentucky	Bourbon Co	ORIS700121	ORISGCC21	GENERIC UNIT	700121	GCC21
21041	Kentucky	Carroll Co	5198511	25720413	KY Utilities Co - Ghent Station	1356	3
21041	Kentucky	Carroll Co	5198511	25720613	KY Utilities Co - Ghent Station	1356	2
21041	Kentucky	Carroll Co	5198511	25720713	KY Utilities Co - Ghent Station	1356	1
21041	Kentucky	Carroll Co	5198511	25720813	KY Utilities Co - Ghent Station	1356	4
21049	Kentucky	Clark Co	5163011	86750413	East KY Power - J K Smith Station	54	SCT5
21049	Kentucky	Clark Co	5163011	86750513	East KY Power - J K Smith Station	54	SCT9
21049	Kentucky	Clark Co	5163011	86750613	East KY Power - J K Smith Station	54	SCT1
21049	Kentucky	Clark Co	5163011	86750713	East KY Power - J K Smith Station	54	SCT4
21049	Kentucky	Clark Co	5163011	86750813	East KY Power - J K Smith Station	54	SCT2
21049	Kentucky	Clark Co	5163011	86750913	East KY Power - J K Smith Station	54	SCT3
21049	Kentucky	Clark Co	5163011	86751013	East KY Power - J K Smith Station	54	SCT7
21049	Kentucky	Clark Co	5163011	86751113	East KY Power - J K Smith Station	54	SCT6
21049	Kentucky	Clark Co	5163011	86751213	East KY Power - J K Smith Station	54	SCT10
21049	Kentucky	Clark Co	5523111	26663313	East KY Power Coop - Dale Station	1385	1
21049	Kentucky	Clark Co	5523111	26663413	East KY Power Coop - Dale Station	1385	3
21049	Kentucky	Clark Co	5523111	26663713	East KY Power Coop - Dale Station	1385	4
21049	Kentucky	Clark Co	5523111	26663813	East KY Power Coop - Dale Station	1385	2
21059	Kentucky	Daviess Co	5891711	23981313	Owensboro Municipal Utilities - Elmer Srr 1374	2	
21059	Kentucky	Daviess Co	5891711	86751413	Owensboro Municipal Utilities - Elmer Srr 1374	2	
21059	Kentucky	Daviess Co	5891711	86751513	Owensboro Municipal Utilities - Elmer Srr 1374	1	
21091	Kentucky	Hancock Co	5343711	26449013	Big Rivers Electric Corp - Coleman Station 1381	C2	
21091	Kentucky	Hancock Co	5343711	26449213	Big Rivers Electric Corp - Coleman Station 1381	C3	
21091	Kentucky	Hancock Co	5343711	26449313	Big Rivers Electric Corp - Coleman Station 1381	C1	
21111	Kentucky	Jefferson Cc	5702311	95159713	Louisville Gas & Electric Co., Paddy's Run Station		
21111	Kentucky	Jefferson Cc	5702311	95159813	Louisville Gas & Electric Co., Paddy's Run 1366	12	
21111	Kentucky	Jefferson Cc	5702311	95159913	Louisville Gas & Electric Co., Paddy's Run 1366	13	
21111	Kentucky	Jefferson Cc	5702411	20510213	Louisville Gas & Electric Co., Cane Run St 1363	5	
21111	Kentucky	Jefferson Cc	5702411	20510313	Louisville Gas & Electric Co., Cane Run St 1363	4	
21111	Kentucky	Jefferson Cc	5702411	20510413	Louisville Gas & Electric Co., Cane Run Station		
21111	Kentucky	Jefferson Cc	5702411	20510613	Louisville Gas & Electric Co., Cane Run St 1363	6	
21111	Kentucky	Jefferson Cc	5702411	ORIS7	Louisville Gas & Electric Co., Cane Run Sta 1363	7	
21111	Kentucky	Jefferson Cc	6606011	18326113	Louisville Gas & Electric Co., Zorn Station		

21111	Kentucky	Jefferson Cc 7353711	95160013	Louisville Gas & Electric Co., Mill Creek St 1364	1
21111	Kentucky	Jefferson Cc 7353711	9603513	Louisville Gas & Electric Co., Mill Creek St 1364	1
21111	Kentucky	Jefferson Cc 7353711	9603613	Louisville Gas & Electric Co., Mill Creek St 1364	2
21111	Kentucky	Jefferson Cc 7353711	9603813	Louisville Gas & Electric Co., Mill Creek St 1364	3
21111	Kentucky	Jefferson Cc 7353711	9603913	Louisville Gas & Electric Co., Mill Creek St 1364	4
21127	Kentucky	Lawrence C 6019011	82996413	Kentucky Power Co-Big Sandy Plant	1353 BSU1
21127	Kentucky	Lawrence C 6019011	82996613	Kentucky Power Co-Big Sandy Plant	1353 BSU2
21127	Kentucky	Lawrence C 6019011	82996713	Kentucky Power Co-Big Sandy Plant	1353 BSU1
21127	Kentucky	Lawrence C 6019911	86768913	Riverside Generating Co LLC	55198 GTG501
21127	Kentucky	Lawrence C 6019911	86769113	Riverside Generating Co LLC	
21127	Kentucky	Lawrence C 6019911	86769113	Riverside Generating Co LLC	55198 GTG501
21127	Kentucky	Lawrence C 6019911	86769213	Riverside Generating Co LLC	
21127	Kentucky	Lawrence C 6019911	86769213	Riverside Generating Co LLC	55198 GTG301
21127	Kentucky	Lawrence C 6019911	86769313	Riverside Generating Co LLC	
21127	Kentucky	Lawrence C 6019911	86769313	Riverside Generating Co LLC	55198 GTG401
21127	Kentucky	Lawrence C 6019911	86769413	Riverside Generating Co LLC	
21127	Kentucky	Lawrence C 6019911	86769413	Riverside Generating Co LLC	55198 GTG201
21127	Kentucky	Lawrence C 6019911	86769613	Riverside Generating Co LLC	
21127	Kentucky	Lawrence C 6019911	86769613	Riverside Generating Co LLC	55198 GTG101
21145	Kentucky	Mc Cracken 15073911	94795713	Paducah Power System - PPS Power Plant	56556 EU01A
21145	Kentucky	Mc Cracken 15073911	94795913	Paducah Power System - PPS Power Plant # 1	
21145	Kentucky	Mc Cracken 6037011	24137613	Tennessee Valley Authority (TVA) - Shawr	1379 10
21145	Kentucky	Mc Cracken 6037011	24137713	Tennessee Valley Authority (TVA) - Shawr	1379 9
21145	Kentucky	Mc Cracken 6037011	24138113	Tennessee Valley Authority (TVA) - Shaw	1379 1
21145	Kentucky	Mc Cracken 6037011	24138213	Tennessee Valley Authority (TVA) - Shawr	1379 2
21145	Kentucky	Mc Cracken 6037011	24138313	Tennessee Valley Authority (TVA) - Shaw	1379 4
21145	Kentucky	Mc Cracken 6037011	24138513	Tennessee Valley Authority (TVA) - Shawr	1379 8
21145	Kentucky	Mc Cracken 6037011	24138613	Tennessee Valley Authority (TVA) - Shawr	1379 7
21145	Kentucky	Mc Cracken 6037011	24138713	Tennessee Valley Authority (TVA) - Shawr	1379 6

21145	Kentucky	Mc Cracken 6037011	24138913	Tennessee Valley Authority (TVA) - Shawr	1379	5
21145	Kentucky	Mc Cracken 6037011	24139013	Tennessee Valley Authority (TVA) - Shawr	1379	3
21157	Kentucky	Marshall Co 5213311	86742413	TVA - KGen Marshall LLC	55232	CT4
21157	Kentucky	Marshall Co 5213311	86742513	TVA - KGen Marshall LLC	55232	CT6
21157	Kentucky	Marshall Co 5213311	86742613	TVA - KGen Marshall LLC	55232	CT2
21157	Kentucky	Marshall Co 5213311	86742713	TVA - KGen Marshall LLC	55232	CT1
21157	Kentucky	Marshall Co 5213311	86743013	TVA - KGen Marshall LLC	55232	CT7
21157	Kentucky	Marshall Co 5213311	86743113	TVA - KGen Marshall LLC	55232	CT5
21157	Kentucky	Marshall Co 5213311	86743213	TVA - KGen Marshall LLC	55232	CT8
21157	Kentucky	Marshall Co 5213311	86743313	TVA - KGen Marshall LLC	55232	CT3
21157	Kentucky	Marshall Co 7366911	73357813	Air Products & Chemicals	55308	B
21157	Kentucky	Marshall Co 7366911	73358313	Air Products & Chemicals	55308	C
21157	Kentucky	Marshall Co 7366911	73358513	Air Products & Chemicals	55308	A
21161	Kentucky	Mason Co 7335511	86756813	East KY Power Coop - Spurlock Station	6041	3
21161	Kentucky	Mason Co 7335511	86757113	East KY Power Coop - Spurlock Station	6041	3
21161	Kentucky	Mason Co 7335511	86758513	East KY Power Coop - Spurlock Station	6041	2
21161	Kentucky	Mason Co 7335511	86758613	East KY Power Coop - Spurlock Station	6041	1
21161	Kentucky	Mason Co 7335511	86759113	East KY Power Coop - Spurlock Station	6041	4

21167 Kentucky Mercer Co 5933111 24595913 KY Utilities Co - Brown Station 1355 1

21167 Kentucky Mercer Co 5933111 24596013 KY Utilities Co - Brown Station 1355 2

21167	Kentucky	Mercer Co 5933111	24596113	KY Utilities Co - Brown Station	1355	3
21167	Kentucky	Mercer Co 5933111	86760113	KY Utilities Co - Brown Station	1355	5
21167	Kentucky	Mercer Co 5933111	86760313	KY Utilities Co - Brown Station	1355	7
21167	Kentucky	Mercer Co 5933111	86760413	KY Utilities Co - Brown Station	1355	11
21167	Kentucky	Mercer Co 5933111	86760513	KY Utilities Co - Brown Station	1355	8
21167	Kentucky	Mercer Co 5933111	86760613	KY Utilities Co - Brown Station	1355	9
21167	Kentucky	Mercer Co 5933111	86760913	KY Utilities Co - Brown Station	1355	6
21167	Kentucky	Mercer Co 5933111	86761013	KY Utilities Co - Brown Station	1355	10
21177	Kentucky	Muhlenberç 5196411	26159013	KY Utilities Co - Green River Station	1357	5
21177	Kentucky	Muhlenberç 5196411	26159413	KY Utilities Co - Green River Station	1357	5
21177	Kentucky	Muhlenberç 5196411	26159613	KY Utilities Co - Green River Station	1357	4
21177	Kentucky	Muhlenberç 5196711	86761313	Tennessee Valley Authority - Paradise Fos	1378	3
21177	Kentucky	Muhlenberç 5196711	86762413	Tennessee Valley Authority - Paradise Fos	1378	3
21177	Kentucky	Muhlenberç 5196711	86764413	Tennessee Valley Authority - Paradise Fos	1378	2
21177	Kentucky	Muhlenberç 5196711	86764513	Tennessee Valley Authority - Paradise Fos	1378	1

21183	Kentucky	Ohio Co	5561611	86766113	Big Rivers Electric Corp - Wilson Station	6823	W1
21185	Kentucky	Oldham Co	5353311	86743413	Bluegrass Generation Co		
21185	Kentucky	Oldham Co	5353311	86743413	Bluegrass Generation Co	55164	GTG2
21185	Kentucky	Oldham Co	5353311	86743613	Bluegrass Generation Co		
21185	Kentucky	Oldham Co	5353311	86743613	Bluegrass Generation Co	55164	GTG3
21185	Kentucky	Oldham Co	5353311	86743713	Bluegrass Generation Co		
21185	Kentucky	Oldham Co	5353311	86743713	Bluegrass Generation Co	55164	GTG1
21199	Kentucky	Pulaski Co	5787711	94725613	East KY Power Coop - Cooper Station	1384	2

21199	Kentucky	Pulaski Co	5787711	94726913	East KY Power Coop - Cooper Station	1384	2
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21199	Kentucky	Pulaski Co	5787711	94727113	East KY Power Coop - Cooper Station	1384	1
21217	Kentucky	Taylor Co	ORIS54850	ORIS01	Cox Waste to Energy	54850	01
21217	Kentucky	Taylor Co	ORIS54850	ORIS02	Cox Waste to Energy	54850	02
21223	Kentucky	Trimble Co	5742811	22615813	Louisville Gas & Electric Co - Trimble Co G 6071		8
21223	Kentucky	Trimble Co	5742811	22615913	Louisville Gas & Electric Co - Trimble Co G 6071		8
21223	Kentucky	Trimble Co	5742811	22616013	Louisville Gas & Electric Co - Trimble Co G 6071		7
21223	Kentucky	Trimble Co	5742811	22616113	Louisville Gas & Electric Co - Trimble Co G 6071		6
21223	Kentucky	Trimble Co	5742811	22616213	Louisville Gas & Electric Co - Trimble Co G 6071		5
21223	Kentucky	Trimble Co	5742811	22616813	Louisville Gas & Electric Co - Trimble Co G 6071		1
21223	Kentucky	Trimble Co	5742811	22616913	Louisville Gas & Electric Co - Trimble Co G 6071		10
21223	Kentucky	Trimble Co	5742811	22617113	Louisville Gas & Electric Co - Trimble Co G 6071		9
21223	Kentucky	Trimble Co	5742811	86766713	Louisville Gas & Electric Co - Trimble Co G 6071		2
21233	Kentucky	Webster Co	6067211	83024513	Big Rivers Electric Corp - Reid HMP&L Sta	1383	RT
21233	Kentucky	Webster Co	6067211	83024613	Big Rivers Electric Corp - Reid HMP&L Sta	1383	RT
21233	Kentucky	Webster Co	6067211	83024713	Big Rivers Electric Corp - Reid HMP&L Sta	1382	H2
21233	Kentucky	Webster Co	6067211	83024913	Big Rivers Electric Corp - Reid HMP&L Sta	1382	H1
21233	Kentucky	Webster Co	6067211	83025013	Big Rivers Electric Corp - Reid HMP&L Sta	1383	R1
21233	Kentucky	Webster Co	6098611	86743813	Big Rivers Electric Corp - Green Station	6639	G1

21233	Kentucky	Webster Co 6098611	86744213	Big Rivers Electric Corp - Green Station	6639	G1
21233	Kentucky	Webster Co 6098611	86744513	Big Rivers Electric Corp - Green Station	6639	G2
21239	Kentucky	Woodford (6101411	83025613	KY Utilities Co - Tyrone Station	1361	5

Emission Totals (TPY)

ransport

2011eh

NEEDS ID	Agy Facility ID	Agy Unit ID	CO	NH3	NOx	PM10	PM2.5	VOC	SO2
6018_B_2	2101500029	005							0
6018_B_2	2101500029	002	511	28	2,667	148	25	61	2,000
ORIS700121									
1356_B_3	2104100010	003	339	19	1,236	381	176	41	3,327
1356_B_2	2104100010	002	400	22	4,172	440	203	48	4,641
1356_B_1	2104100010	001	390	22	1,328	483	362	47	1,720
1356_B_4	2104100010	004	347	18	1,096	281	130	42	1,293
54_G_GT5	2104900027	EU 5	14		10	3	2	5	1
54_G_GT9	2104900027	EU 9	12		9	18	9	4	0
54_G_GT1	2104900027	EU 1	2		3	1	0	1	0
54_G_GT4	2104900027	EU 4	10		13	3	2	4	0
54_G_GT2	2104900027	EU 2	2		4	1	0	1	0
54_G_GT3	2104900027	EU 3	6		12	2	1	2	0
54_G_GT7	2104900027	EU 7	18		14	4	2	6	1
54_G_GT6	2104900027	EU 6	12		10	3	2	4	1
54_G_GT10	2104900027	EU 10	10		7	14	7	3	0
1385_B_1	2104900003	001	8	0	129	13	8	1	440
1385_B_3	2104900003	003	44	2	692	75	49	5	2,622
1385_B_4	2104900003	004	46	3	724	78	51	6	2,745
1385_B_2	2104900003	002	7	0	123	12	8	1	423
1374_B_2	2105900027	013				0	0		
1374_B_2	2105900027	EU002	205	12	2,620	36	18	29	5,349
1374_B_1	2105900027	EU001	123	7	1,435	120	86	17	3,142
1381_B_C2	2109100003	002	157	8	2,204	43	14	18	1,562
1381_B_C3	2109100003	003	162	8	2,287	26	8	19	1,885
1381_B_C1	2109100003	001	159	8	2,222	25	8	19	1,513
1366_G_11	0125	441	0	0	1	0	0	0	0
1366_G_12	0125	442	0	0	0	0	0	0	0
1366_G_13	0125	443	14	1	15	1	1	0	0
1363_B_5	0126	116	116	0	2,086	132	114	14	1,621
1363_B_4	0126	115	127	0	1,734	144	129	15	1,565
1363_G_11	0126	114	0	0	0	0	0	1	0
1363_B_6	0126	117	156	0	1,775	205	175	19	4,638
1363_G_7	0126								
1368_G_1	1248	219	0	0	0	0	0	0	0

1364_B_1	0127	410				5	5		
1364_B_1	0127	121	239	0	2,904	658	578	29	5,212
1364_B_2	0127	122	242	0	3,276	769	668	29	6,802
1364_B_3	0127	123	222	0	670	649	564	26	7,175
1364_B_4	0127	124	373	0	1,645	1,084	950	44	10,756
1353_B_BSI	2112700003	06				0	0		
1353_B_BSI	2112700003	02	459	28	4,187	1,225	606	55	31,132
1353_B_BSI	2112700003	01	182	11	2,444	486	240	22	12,016
55198_G_G	2112700040	IA1	0		0	0	0	0	0
55198_G_G	2112700040	05	5		3	1	0	0	0
55198_G_G	2112700040	05							
55198_G_G	2112700040	03	7		5	1	0	0	0
55198_G_G	2112700040	03							
55198_G_G	2112700040	04	7		4	1	0	0	0
55198_G_G	2112700040	04							
55198_G_G	2112700040	02	8		7	1	0	0	0
55198_G_G	2112700040	02							
55198_G_G	2112700040	01	8		5	1	0	0	0
55198_G_G	2112700040	01							
56556_G_2	2114500096	003	0		0	0	0	0	0
56556_G_2	2114500096	001	21		15	5	5	1	0
1379_B_10	2114500006	010	0		0	0	0	0	0
1379_B_9	2114500006	009	187	6	1,537	18	6	13	2,927
1379_B_1	2114500006	001	205	6	1,889	48	16	14	3,117
1379_B_2	2114500006	002	204	6	1,878	48	16	14	3,104
1379_B_4	2114500006	004	202	6	1,819	46	15	14	3,002
1379_B_8	2114500006	008	201	6	1,687	20	6	14	3,211
1379_B_7	2114500006	007	207	6	1,703	20	7	14	3,239
1379_B_6	2114500006	006	198	6	1,630	19	6	14	3,122

1379_B_5	2114500006	005	203	6	1,876	47	15	14	3,094
1379_B_3	2114500006	003	200	6	1,791	46	15	14	2,965
55232_G_C	2115700053	EU-04	3		2	1	1	0	0
55232_G_C	2115700053	EU-06	4		3	1	1	0	0
55232_G_C	2115700053	EU-02	4		3	1	1	0	0
55232_G_C	2115700053	EU-01	4		3	1	1	0	0
55232_G_C	2115700053	EU-07	4		3	1	1	0	0
55232_G_C	2115700053	EU-05	4		3	1	1	0	0
55232_G_C	2115700053	EU-08	4		3	1	1	0	0
55232_G_C	2115700053	EU-03	3		2	1	1	0	0
55308_B_B	2115700009	D4	9		8	2	2	1	0
55308_G_G	2115700009	D1	25		26	4	2	2	0
55308_B_A	2115700009	D3	9		7	2	1	1	0
6041_B_3	2116100009	EU23				2	2		
6041_B_3	2116100009	EU08	1,281	11	608	123	96	29	1,216
6041_B_2	2116100009	EU02	427	25	1,555	341	247	51	2,396
6041_B_1	2116100009	EU01	230	12	829	11	3	28	1,455
6041_B_4	2116100009	EU17	1,418		613	234	199	32	982

1355_B_1 2116700001 001 41 3 740 15 5 5 71

1355_B_2 2116700001 002 72 5 1,213 234 82 9 612

1355_B_3	2116700001	003	186	12	2,813	20	7	22	340
1355_G_5	2116700001	29	1		3	1	1	0	0
1355_G_7	2116700001	28	12		14	3	3	0	0
1355_G_11	2116700001	26	1		3	0	0	0	0
1355_G_8	2116700001	25	2		7	1	1	0	0
1355_G_9	2116700001	23	2		6	1	1	0	0
1355_G_6	2116700001	27	1		13	3	3	0	0
1355_G_10	2116700001	24	1		3	0	0	0	0
1357_B_5	2117700001	005				2	0		

1357_B_5 2117700001 004 54 3 913 167 29 6 9,061

1357_B_4 2117700001 003 42 3 880 228 39 5 8,189

1378_B_3	2117700006	059				0	0		
1378_B_3	2117700006	EU03	425	26	4,525	230	172	93	3,955
1378_B_2	2117700006	EU02	527	34	3,145	1,551	1,161	116	19,761
1378_B_1	2117700006	EU01	422	26	2,479	1,726	1,292	93	14,005

6823_B_W: 2118300069	EU 01	465	263	1,117	17	6	54	9,720
55164_G_C 2118500036	EU 02	9		4	1	1	0	0
55164_G_C 2118500036	EU 02							
55164_G_C 2118500036	EU 03	5		2	0	0	0	0
55164_G_C 2118500036	EU 03							
55164_G_C 2118500036	EU 01	8		3	1	1	0	0
55164_G_C 2118500036	EU 01							
1384_B_2 2119900005	06				0	0		

1384_B_2 2119900005	02	155	7	2,423	398	398	18	12,073
----------------------------	-----------	------------	----------	--------------	------------	------------	-----------	---------------

1384_B_1 2119900005	01	80	4	1,253	250	250	9	6,244
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54850_G_01								
54850_G_02								
6071_G_8 2122300002	010				1	0		
6071_G_8 2122300002	028	5		9	4	2	1	0
6071_G_7 2122300002	027	7		13	5	3	1	0
6071_G_6 2122300002	026	7	3	12	5	2	1	0
6071_G_5 2122300002	025	6	2	11	4	2	1	0
6071_B_1 2122300002	001	373	21	1,043	56	18	45	2,111
6071_G_10 2122300002	030	5		9	4	2	0	0
6071_G_9 2122300002	029	8		13	6	3	1	0
6071_B_2 2122300002	031	696		974	30	10	83	999
1383_G_GE 2123300001	EU04				23	8		
1383_G_GE 2123300001	EU06	8	3	43	0	0	0	4
1382_B_H2 2123300001	EU03	123	8	460	37	12	17	3,832
1382_B_H1 2123300001	EU02	127	8	414	36	12	18	2,718
1383_B_R1 2123300001	EU01	14	1	308	7	2	2	3,221
6639_B_G1 2123300052	EU05				0	0		

6639_B_G1	2123300052	EU01G1	249	12	2,014	79	26	29	1,458
6639_B_G2	2123300052	EU02G2	258	13	2,061	73	24	30	1,423
1361_B_5	2123900001	EU05	3	0	64	2	1	0	202

92,279

247,413

2017eh

CO	NH3	NOx	PM10	PM2.5	VOC	SO2	CO	NH3	NOx
							0	0	0
493	30	5,630	971	689	59	1,904	-18	2	2,963
54	4	7	0	0	1	0	54	4	7
347	21	3,150	681	487	42	1,350	9	2	1,914
391	23	3,435	372	371	47	5,171	-9	2	-737
335	20	1,224	319	318	40	1,303	-55	-2	-104
346	21	2,868	686	487	42	1,345	-1	3	1,773
							-14	0	-10
14	1	2	0	0	0	0	2	1	-7
							-2	0	-3
							-10	0	-13
							-2	0	-4
							-6	0	-12
							-18	0	-14
							-12	0	-10
15	1	2	0	0	0	0	5	1	-5
							-8	0	-129
							-44	-2	-692
							-46	-3	-724
							-7	0	-123
							0	0	0
192	11	2,426	419	284	23	2,019	-13	-1	-195
125	7	5,703	147	131	27	1,315	2	0	4,267
110	7	1,845	106	105	13	1,178	-47	-1	-359
116	7	1,952	114	111	14	1,242	-46	-1	-335
112	7	1,879	108	106	13	1,197	-47	-1	-344
							0	0	-1
							0	0	0
16	1	17	0	0	0	0	1	1	1
							-116	0	-2,086
							-127	0	-1,734
							0	0	0
							-156	0	-1,775
360	28	220	1	1	9	0	360	28	220
							0	0	0

							0	0	0
224	13	3,079	212	211	27	4,797	-15	13	176
224	13	3,202	212	212	27	4,811	-17	13	-73
321	19	3,441	304	303	39	6,886	100	19	2,771
360	22	1,740	709	503	43	7,725	-12	22	95
							0	0	0

-459 **-28** **-4,187**
-182 **-11** **-2,444**

							0	0	0
							-5	0	-3
41	3	23	0	0	1	0	41	3	23
							-7	0	-5
46	4	29	0	0	1	0	46	4	29
							-7	0	-4
41	3	23	0	0	1	0	41	3	23
							-8	0	-7
46	4	34	0	0	1	0	46	4	34
							-8	0	-5
46	4	22	0	0	1	0	46	4	22
							0	0	0
							-21	0	-15

0 **0** **0.000** **0** **0** **0** **0.000** **0** **0** **0**

118	7	1,809	114	114	14	1,241	-70	1	272
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188 **6** **1,454.03** **15** **9** **13** **3,262.955** **-17** **0** **-435**

117	7	2,140	114	113	14	1,237	-86	1	262
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187 **6** **1,426.015** **15** **9** **13** **3,234.877** **-15** **0** **-393**

117	7	1,807	114	114	14	1,239	-84	1	120
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117	7	1,790	113	113	14	1,231	-91	1	87
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117	7	1,819	114	113	14	1,237	-81	1	189
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118	7	2,179	114	114	14	1,240	-85	1	303
118	7	2,154	114	114	14	1,242	-83	1	362
							-3	0	-2
							-4	0	-3
							-4	0	-3
							-4	0	-3
							-4	0	-3
							-4	0	-3
							-4	0	-3
							-3	0	-2
							-9	0	-8
18	1	34	0	0	0	0	-7	1	7
							-9	0	-7
							0	0	0
7,134	12	718	142	107	20	2,059	5,853	1	110
735	26	1,507	689	510	53	1,836	308	1	-48
224	13	1,014	427	317	27	2,102	-6	1	185
7,008	12	624	139	105	19	1,328	5,590	12	12

50	3	513.276	9	3	6	170.754	9	0	-227
87	5	1,073.985	261	76	10	1,039.867	15	0	-139

699	20	793	459	331	40	1,011	513	8	-2,020
							-1	0	-3
							-12	0	-14
							-1	0	-3
							-2	0	-7
							-2	0	-6
							-1	0	-13
							-1	0	-3
							0	0	0

							-54	-3	-913
							-42	-3	-880

							0	0	0
806	48	8,865	906	824	177	3,709	381	23	4,340
484	29	2,645	452	450	107	7,799	-43	-5	-500
505	30	2,858	472	470	111	8,137	83	4	379

190	11	1,875	396	277	23	5,013	-59	-1	-140
184	11	1,721	382	267	22	4,838	-75	-2	-340
							-3	0	-64

89,141

120,618

2017eh-2011eh

KYDAQ Comments on EPA's July 2015 Ozone Transport NODA *(See Notes Below)	KY EGU NOx Emissions Growth Rate Change 2011-2017 %
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PM10	PM2.5	VOC	SO2	
0	0	0	0	
823	664	-2	-96	111.09%
0	0	1	0	
300	311	1	-1,978	154.88%
-68	168	-1	530	-17.67%
-164	-43	-7	-417	-7.81%
405	357	0	51	161.81%
-3	-2	-5	-1	-100.00%
-18	-9	-3	0	-75.24%
-1	0	-1	0	-100.00%
-3	-2	-4	0	-100.00%
-1	0	-1	0	-100.00%
-2	-1	-2	0	-100.00%
-4	-2	-6	-1	-100.00%
-3	-2	-4	-1	-100.00%
-14	-7	-3	0	-69.64%
-13	-8	-1	-440	-100.00%
-75	-49	-5	-2,622	-100.00%
-78	-51	-6	-2,745	-100.00%
-12	-8	-1	-423	-100.00%
0	0	0	0	#DIV/0!
383	266	-6	-3,330	-7.43%
27	45	10	-1,826	297.26%
63	90	-5	-384	-16.28%
88	102	-5	-644	-14.64%
83	98	-5	-315	-15.47%
0	0	0	0	-100.00%
0	0	0	0	-100.00%
-1	-1	0	0	9.43%
-132	-114	-14	-1,621	-100.00%
-144	-129	-15	-1,565	-100.00%
0	0	-1	0	-100.00%
-205	-175	-19	-4,638	-100.00%
1	1	9	0	#DIV/0!
0	0	0	0	-100.00%

-5	-5	0	0	#DIV/0!
-446	-367	-2	-415	6.05%
-557	-456	-2	-1,991	-2.24%
-345	-261	12	-290	413.71%
-375	-447	-1	-3,031	5.76%
0	0	0	0	#DIV/0!
-1,225	-606	-55	-31,132	-100.00%
-486	-240	-22	-12,016	-100.00%
0	0	0	0	-100.00%
-1	0	0	0	-100.00%
0	0	1	0	#DIV/0!
-1	0	0	0	-100.00%
0	0	1	0	#DIV/0!
-1	0	0	0	-100.00%
0	0	1	0	#DIV/0!
-1	0	0	0	-100.00%
0	0	1	0	#DIV/0!
-1	0	0	0	-100.00%
0	0	1	0	#DIV/0!
0	0	0	0	-100.00%
-5	-5	-1	0	-100.00%

Per TVA's website, the unit was idled in October 2010 and has been retired. KYDAQ has no indication that this unit will operate again. Therefore, please use the zeroed out emission value(s) as indicated in the blue text in columns U to AA for this unit for 2017.

0	0	0	0	#DIV/0!
96	108	1	-1,686	17.70%

Per TVA's website, the unit is to have SCR and FGD controls installed by Dec. 31, 2017. KYDAQ has no indication that this unit will retire or not operate in 2017. Therefore, please use the 2014 emission value(s) as indicated in the blue text in columns U to AA for this unit's 2017 emissions

-33	-7	3,249	146	-23.03%
66	98	0	-1,867	13.93%

Per TVA's website, the unit is to have SCR and FGD controls installed by Dec. 31, 2017. KYDAQ has no indication that this unit will retire or not operate in 2017. Therefore, please use the 2014 emission value(s) as indicated in the blue text in columns U to AA for this unit's 2017 emissions

-31	-6	-1	233	-21.60%
94	107	0	-1,972	7.10%
93	106	0	-2,008	5.09%
94	107	1	-1,885	11.58%

67	98	0	-1,854	16.15%
68	99	0	-1,723	20.24%
-1	-1	0	0	-100.00%
-1	-1	0	0	-100.00%
-1	-1	0	0	-100.00%
-1	-1	0	0	-100.00%
-1	-1	0	0	-100.00%
-1	-1	0	0	-100.00%
-1	-1	0	0	-100.00%
-1	-1	0	0	-100.00%
-2	-2	-1	0	-100.00%
-4	-2	-1	0	27.68%
-2	-1	-1	0	-100.00%
-2	-2	0	0	#DIV/0!
19	11	-9	843	18.01%
348	263	1	-560	-3.09%
417	313	-1	648	22.36%
-94	-94	-13	346	1.94%

WFGD installed on unit in 2010. KYDAQ has no indication that this unit will retire or not operate in 2017. Therefore, please use the 2014 emission value(s) as indicated in the blue text in columns U to AA for this unit's 2017 emissions.

-6	-2	1	100	-30.62%
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WFGD installed on unit in 2010. KYDAQ has no indication that this unit will retire or not operate in 2017. Therefore, please use the 2014 emission value(s) as indicated in the blue text in columns U to AA for this unit's 2017 emissions.

27	-6	1	428	-11.45%
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439	324	18	671	-71.82%
-1	-1	0	0	-100.00%
-3	-3	0	0	-100.00%
0	0	0	0	-100.00%
-1	-1	0	0	-100.00%
-1	-1	0	0	-100.00%
-3	-3	0	0	-100.00%
0	0	0	0	-100.00%
-2	0	0	0	#DIV/0!

-167	-29	-6	-9,061	-100.00%
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-228	-39	-5	-8,189	-100.00%
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0	0	0	0	#DIV/0!
676	652	84	-246	95.90%
-1,099	-711	-9	-11,962	-15.89%
-1,254	-823	18	-5,869	15.29%

Per a Sept. 12, 2014, Platts McGraw Hill Financial article, Big River officials indicated that it is unlikely now that the Wilson Station (W1) will need to be idled, but will continue to operate for many years to come. Currently, KYDAQ has no indication that the Wilson Station will retire or not operate in 2017. Therefore, please use the 2014 emission value(s) as indicated in the blue text in columns U to AA for this unit's 2017 emissions.

-5	-3	-7	-2,819	-7.39%
-1	-1	0	0	-100.00%
0	0	0	0	#DIV/0!
0	0	0	0	-100.00%
0	0	1	0	#DIV/0!
-1	-1	0	0	-100.00%
0	0	0	0	#DIV/0!
0	0	0	0	#DIV/0!

Unit 2 put on SCR and FGD controls in 2012. KYDAQ has no indication that this unit will retire or not operate in 2017. Therefore, please use the 2014 emission value(s) as indicated in the blue text in columns U to AA for this unit's 2017 emissions.

-359	-359	-8	-10,430	-83.66%
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Unit 1 tied into Cooper Unit 2's SCR and FGD controls after 2012. KYDAQ has no indication that this unit will retire or not operate in 2017. Therefore, please use the 2014 emission value(s) as indicated in the blue text in columns U to AA for this unit's 2017 emissions.

-105	-105	-3	-3,562	-62.70%
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1	1	1	15	#DIV/0!
0	0	0	2	#DIV/0!
-1	0	0	0	#DIV/0!
-4	-2	0	0	-89.96%
-5	-3	-1	0	-92.28%
-5	-2	-1	0	-90.54%
-4	-2	-1	0	-89.88%
680	508	1	5,427	136.01%
-4	-2	0	0	-88.39%
-6	-3	-1	0	-93.05%
633	521	-22	986	9.51%
-23	-8	0	0	#DIV/0!
0	0	0	-4	-100.00%
85	110	-1	-2,094	0.11%
81	105	-3	-1,053	-4.98%
-7	-2	-2	-3,221	-100.00%
0	0	0	0	#DIV/0!

317	251	-6	3,555	-6.94%
309	243	-8	3,415	-16.49%
-2	-1	0	-202	-100.00%

***Notes:**

See KYDAQ NODA Comments in column AJ.

Yellow highlighted rows indicate retired units before or by 2

Green highlighted rows indicate a unit that should reflect re

Red highlighted rows indicate a unit that should reflect oper

Division PM₁₀ and PM_{2.5} emissions provided in the light blue filterable emissions.

KY EGU SO₂
Emissions
Growth
Rate_Change
2011-2017

-4.80%

#DIV/0!

-59.44%

11.42%

-24.24%

3.98%

-100.00%

-100.00%

-100.00%

-100.00%

-100.00%

-100.00%

-100.00%

-100.00%

-100.00%

-100.00%

-100.00%

-100.00%

#DIV/0!

-62.25%

-58.13%

-24.57%

-34.14%

-20.84%

-100.00%

-100.00%

-100.00%

-100.00%

-100.00%

-100.00%

#DIV/0!

-100.00%

#DIV/0!

-7.95%

-29.27%

-4.04%

-28.18%

#DIV/0!

-100.00%

-100.00%

-100.00%

-100.00%

#DIV/0!

-100.00%

#DIV/0!

-100.00%

#DIV/0!

-100.00%

#DIV/0!

-100.00%

#DIV/0!

-100.00%

-100.00%

#DIV/0!

-57.60%

4.68%

-60.15%

7.76%

-61.42%

-62.01%

-60.38%

-59.94%
-58.13%
-100.00%
-100.00%
-100.00%
-100.00%
-100.00%
-100.00%
-100.00%
-100.00%
-100.00%
-100.00%

#DIV/0!

69.36%
-23.38%
44.52%
35.29%



197.41%
-100.00%
-100.00%
-100.00%
-100.00%
-100.00%
-100.00%
-100.00%

#DIV/0!



#DIV/0!

-6.21%
-60.53%
-41.90%

-29.00%

-100.00%

#DIV/0!

-100.00%

#DIV/0!

-100.00%

#DIV/0!

#DIV/0!

-86.40%

-57.05%

#DIV/0!

#DIV/0!

#DIV/0!

-100.00%

-100.00%

-100.00%

-100.00%

257.08%

-100.00%

-100.00%

98.67%

#DIV/0!

-100.00%

-54.64%

-38.73%

-100.00%

#DIV/0!

243.76%

239.92%

-100.00%

017.

retirement and/or no emissions in 2017.

emissions in 2017 and no retirement.

text above in Columns X and Y are



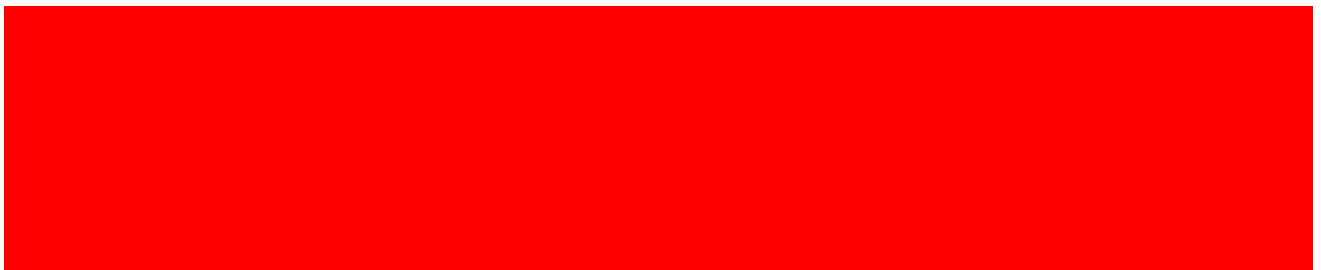
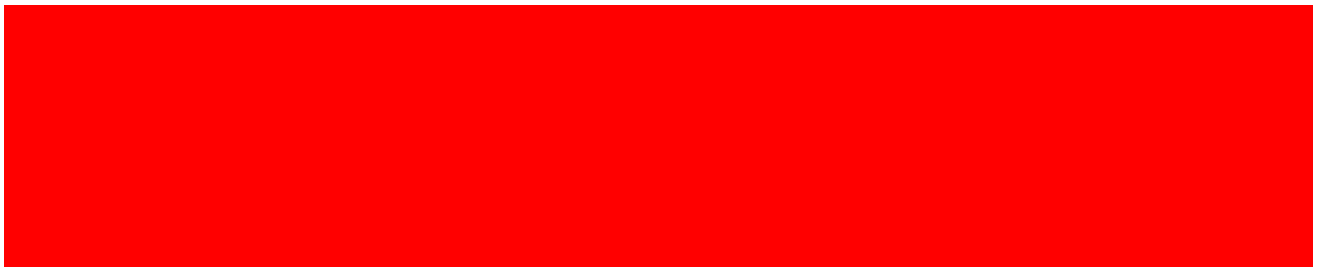










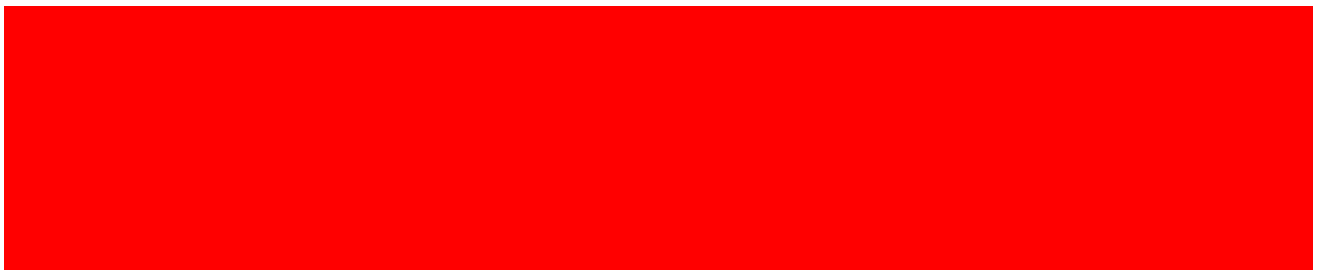
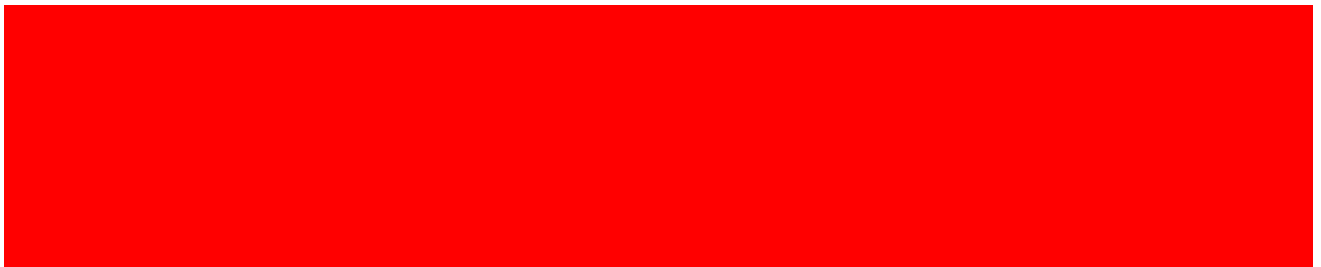


















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