FINAL 2007-2008 NOx ALLOCATION FOR KENTUCKY EGU SOURCES IN THE TRADING PROGRAM - 2% SET-ASIDE
(Calculated Using 2001-2003 Ozone Season Heat Input Data)

ST	FIPS ST ID	FIPS CTNY ID	COMPANY	PLANT_NAME	ORISPL	UNIT	GENERATOR NAMEPLATE CAPACITY (MWe)	EPA 2001** OZONE SEASON HEAT INPUT (MMBTU)	EPA 2002** OZONE SEASON HEAT INPUT (MMBTU)	2003*** OZONE SEASON HEAT INPUT (MMBTU)	MINIMUM HEAT INPUT (MMBTU)	AVERAGE OF TWO HIGHEST HEAT INPUT (MMBTU)	2007 NOx SIP CALL EMISSION RATE (LBS/MMBTU/HR)	2007-2008 NOx ALLOWANCES BEFORE 98% ADJUSTMENT (LBS)	TOTAL 2007-2008 NOx ALLOWANCES BEFORE 98% ADJUSTMENT (OZONE SEASON (TONS)	FINAL****** KY TOTAL ADJUSTED 2007-2008 ALLOCATION PERIOD EGU NOx ALLOWANCES (OZONE SEASON (TONS)
KY	21	167	KU & LG&E	E. W. Brown	1355	1	114	2,755,650	3,114,126	3,265,381	2,755,650	3,189,754	0.15	478,463	239	253
KY	21	167	KU & LG&E	E. W. Brown	1355	10*	110	160,666	220,215	12,482	12,482	190,441	0.15	28,566	14	15
KY	21	167	KU & LG&E	E. W. Brown	1355	11*	110	92,218	129,341	4,747	4,747	110,780	0.15	16,617	8	8
KY	21	167	KU & LG&E	E. W. Brown	1355	2	180	2,516,954	4,888,555	5,159,504	2,516,954	5,024,030	0.15	753,605	377	400
KY	21	167	KU & LG&E	E. W. Brown	1355	3	446	11,074,037	11,173,111	12,406,414	11,074,037	11,789,763	0.15	1,768,464	884	937
KY	21	167	KU & LG&E	E. W. Brown****	1355	5*	145	559,832	637,671	4,482	4,482	598,752	0.09	53,888	27	29
KY	21	167	KU & LG&E	E. W. Brown	1355	6*	177	36,602	972,260	157,172	36,602	564,716	0.09	50,824	25	26
KY	21	167	KU & LG&E	E. W. Brown	1355	7*	177	437,233	520,859	138,091	138,091	479,046	0.09	43,114	22	23
KY	21	167	KU & LG&E	E. W. Brown	1355	8*	110	335,144	388,795	17,148	17,148	361,970	0.15	54,296	27	29
KY	21	167	KU & LG&E	E. W. Brown	1355	9*	110	247,654	298,252	12,699	12,699	272,953	0.15	40,943	20	21
KY	21	041	KU & LG&E	Ghent	1356	1	557	16,298,015	11,779,279	12,882,043	11,779,279	14,590,029	0.15	2,188,504	1,094	1,160
KY	21	041	KU & LG&E	Ghent	1356	2	556	13,705,047	12,723,583	12,153,707	12,153,707	13,214,315	0.15	1,982,147	991	1,050
KY	21	041	KU & LG&E	Ghent	1356	3	557	14,145,370	14,204,924	11,198,068	11,198,068	14,175,147	0.15	2,126,272	1,063	1,127
KY	21	041	KU & LG&E	Ghent	1356	4	556	13,554,788	11,824,003	13,133,546	11,824,003	13,344,167	0.15	2,001,625	1,001	1,061
KY	21	177	KU & LG&E	*****Green River	1357	1	37.5	239,517	357,799	0	0	0	0.15	0	0	0
KY	21	177	KU & LG&E	*****Green River	1357	2	37.5	236,686	364,226	0	0	0	0.15	0	0	0
KY	21	177	KU & LG&E	*****Green River	1357	3	37.5	176,160	290,454	0	0	0	0.15	0	0	0
KY	21	177	KU & LG&E	Green River	1357	4	75	1,857,180	1,285,080	1,362,756	1,285,080	1,609,968	0.15	241,495	121	128
KY	21	177	KU & LG&E	Green River	1357	5	114	2,430,051	2,279,765	1,356,007	1,356,007	2,354,908	0.15	353,236	177	188
KY	21	013	KU & LG&E	*****Pineville	1360	3	37.5	655,295	0	0	0	0	0.15	0	0	0
KY	21	239	KU & LG&E	Tyrone	1361	1	31.3	1,402	0	0	0	701	0.15	105	0	0
KY	21	239	KU & LG&E	Tyrone	1361	2	31.3	1,381	0	0	0	691	0.15	104	0	0
KY	21	239	KU & LG&E	Tyrone	1361	3	31.3	1,462	0	0	0	731	0.15	110	0	0
KY	21	239	KU & LG&E	Tyrone	1361	4	31.3	1,211	0	0	0	606	0.15	91	0	0
KY	21	239	KU & LG&E	Tyrone	1361	5	75	1,798,279	2,017,609	1,376,940	1,376,940	1,907,944	0.15	286,192	143	152
KY	21	111	KU & LG&E	Cane Run	1363	4	163	4,306,466	4,860,812	4,190,615	4,190,615	4,583,639	0.15	687,546	344	365
KY	21	111	KU & LG&E	Cane Run	1363	5	209	5,454,042	4,845,874	4,659,165	4,659,165	5,149,958	0.15	772,494	386	409
KY	21	111	KU & LG&E	Cane Run	1363	6	272	6,449,820	1,054,794	6,309,421	1,054,794	6,379,621	0.15	956,943	478	507
KY	21	111	KU & LG&E	Mill Creek	1364	1	356	10,036,033	9,328,134	7,734,834	7,734,834	9,682,084	0.15	1,452,313	726	770
KY	21	111	KU & LG&E	Mill Creek	1364	2	356	10,065,031	8,510,619	7,530,049	7,530,049	9,287,825	0.15	1,393,174	697	739
KY	21	111	KU & LG&E	Mill Creek	1364	3	463	13,216,107	11,690,188	12,148,842	11,690,188	12,682,475	0.15	1,902,371	951	1,008
KY	21	111	KU & LG&E	Mill Creek	1364	4	544	15,066,431	13,791,895	13,629,806	13,629,806	14,429,163	0.15	2,164,374	1,082	1,147
KY	21	111	KU & LG&E	Paddy's Run	1366	12	29	0	0	2,914	0	1,457	0.15	219	0	0
KY	21	111	KU & LG&E	Paddy's Run****	1366	13	151	424,349	874,475	252,789	252,789	649,412	0.15	97,412	49	52
KY	21	223	KU & LG&E	Trimble County	6071	1	566	17,098,273	15,655,571	12,746,672	12,746,672	16,376,922	0.15	2,456,538	1,228	1,302
KY	21	223	KU & LG&E	Trimble County****	6071	5*	160	0	868,232	360,654	0	614,443	0.03	18,433	9	10
KY	21	223	KU & LG&E	Trimble County****	6071	6*	160	0	835,047	267,860	0	551,454	0.03	16,544	8	8
KY	21	177	TVA	Paradise	1378	1	704	21,731,467	20,661,122	20,149,449	20,149,449	21,196,295	0.15	3,179,444	1,590	1,685
KY	21	177	TVA	Paradise	1378	2	704	24,059,020	23,463,271	21,235,781	21,235,781	23,761,146	0.15	3,564,172	1,782	1,889
KY	21	177	TVA	Paradise	1378	3	1150	24,922,640	26,754,407	20,224,773	20,224,773	25,838,524	0.15	3,875,779	1,938	2,054
KY	21	145	TVA	Shawnee	1379	1	175	4,470,244	4,510,069	4,514,166	4,470,244	4,512,118	0.15	676,818	338	358
KY	21	145	TVA	Shawnee	1379	10	175	4,007,626	4,183,060	4,243,150	4,007,626	4,213,105	0.15	631,966	316	335
KY	21	145	TVA	Shawnee	1379	2	175	4,369,710	4,152,677	4,386,105	4,152,677	4,377,908	0.15	656,686	328	348
KY	21	145	TVA	Shawnee	1379	3	175	5,130,657	4,692,140	4,357,757	4,357,757	4,911,399	0.15	736,710	368	390
KY	21	145	TVA	Shawnee	1379	4	175	4,850,797	4,518,779	4,295,591	4,295,591	4,684,788	0.15	702,718	351	372
KY	21	145	TVA	Shawnee	1379	5	175	4,884,466	4,598,454	4,370,601	4,370,601	4,741,460	0.15	711,219	356	377
KY	21	145	TVA	Shawnee	1379	6	175	4,023,374	4,445,370	4,412,601	4,023,374	4,428,986	0.15	664,348	332	352
KY	21	145	TVA	Shawnee	1379	7	175	4,761,197	5,423,057	5,129,521	4,761,197	5,276,289	0.15	791,443	396	420
KY	21	145	TVA	Shawnee	1379	8	175	4,596,954	5,328,108	5,206,238	4,596,954	5,267,173	0.15	790,076	395	419
KY	21	145	TVA	Shawnee	1379	9	175	4,651,181	5,036,076	4,507,189	4,507,189	4,843,629	0.15	726,544	363	385
KY	21	049	East Ky Power	J. K. Smith	54	SCT1*	120	352,298	464,460	171,189	171,189	408,379	0.09	36,754	18	19
KY	21	049	East Ky Power	J. K. Smith	54	SCT2*	120	408,468	341,107	154,974	154,974	374,788	0.09	33,731	17	18
KY	21	049	East Ky Power	J. K. Smith	54	SCT3*	120	425,569	857,374	265,319	265,319	641,472	0.09	57,732	29	31
KY	21	049	East Ky Power	J. K. Smith****	54	SCT4*	75	0	515,147	165,986	0	340,567	0.09	30,651	15	16
KY	21	049	East Ky Power	J. K. Smith****	54	SCT5*	114.91	0	473,099	111,303	0	292,201	0.03	8,766	4	4
KY	21	199	East Ky Power	Cooper	1384	1	100	2,853,734	3,221,504	2,793,089	2,793,089	3,037,619	0.15	455,643	228	242
KY	21	199	East Ky Power	Cooper	1384	2	221	5,495,528	6,134,018	4,121,698	4,121,698	5,814,773	0.15	872,216	436	462
KY	21	049	East Ky Power	Dale	1385	3	66	2,036,668	2,380,309	2,296,230	2,036,668	2,338,270	0.15	350,741	175	185
KY	21	049	East Ky Power	Dale	1385	4	66	2,070,985	2,114,502	2,403,187	2,070,985	2,258,845	0.15	338,827	169	179
KY	21	161	East Ky Power	H L Spurlock	6041	1	305	9,747,169	8,649,657	9,101,962	8,649,657	9,424,566	0.15	1,413,685	707	749
KY	21	161	East Ky Power	H L Spurlock	6041	2	508	15,987,041	17,351,283	16,390,300	15,987,041	16,870,792	0.15	2,530,619	1,265	1,341
KY	21	091	Western Ky Energy	Coleman	1381	C1	160	4,758,079	4,750,561	4,398,797	4,398,797	4,754,320	0.15	713,148	357	378
KY	21	091	Western Ky Energy	Coleman	1381	C2	160	5,065,218	4,730,490	4,009,599	4,009,599	4,897,854	0.15	734,678	367	389
KY	21	091	Western Ky Energy	Coleman	1381	C3	160	4,740,666	4,653,098	4,080,321	4,080,321	4,696,882	0.15	704,532	352	373
KY	21	233	Western Ky Energy	HMP&L Station 2	1382	H1	176	5,314,298	5,140,526	4,129,763	4,129,763	5,227,412	0.15	784,112	392	416
KY	21	233	Western Ky Energy	HMP&L Station 2	1382	H2	179	4,921,339	5,011,241	4,349,271	4,349,271	4,966,290	0.15	744,944	372	394

FINAL 2007-2008 NOx ALLOCATION FOR KENTUCKY EGU SOURCES IN THE TRADING PROGRAM - 2% SET-ASIDE
(Calculated Using 2001-2003 Ozone Season Heat Input Data)

ST	FIPS ST ID	FIPS CTNY ID	COMPANY	PLANT_NAME	ORISPL	UNIT	GENERATOR NAMEPLATE CAPACITY (MWe)	EPA 2001** OZONE SEASON HEAT INPUT (MMBTU)	EPA 2002** OZONE SEASON HEAT INPUT (MMBTU)	2003*** OZONE SEASON HEAT INPUT (MMBTU)	MINIMUM HEAT INPUT (MMBTU)	AVERAGE OF TWO HIGHEST HEAT INPUT (MMBTU)	2007 NOx SIP CALL EMISSION RATE (LBS/MMBTU/HR)	2007-2008 NOx ALLOWANCES BEFORE 98% ADJUSTMENT (LBS)	TOTAL 2007-2008 NOx ALLOWANCES BEFORE 98% ADJUSTMENT (OZONE SEASON (TONS)	FINAL****** KY TOTAL ADJUSTED 2007-2008 ALLOCATION PERIOD EGU NOx ALLOWANCES (OZONE SEASON (TONS)
KY	21	233	Western Ky Energy	Robert Reid	1383	R1	66	2,261,403	2,191,153	2,088,093	2,088,093	2,226,278	0.15	333,942	167	177
KY	21	233	Western Ky Energy	Robert Reid Turbine	1383	RT	72	18,868	65,605	19,906	18,868	42,756	0.15	6,413	3	3
KY	21	233	Western Ky Energy	R D Green	6639	G1	242	8,259,390	7,823,017	7,772,536	7,772,536	8,041,204	0.15	1,206,181	603	639
KY	21	233	Western Ky Energy	R D Green	6639	G2	242	8,516,639	7,657,032	7,963,749	7,657,032	8,240,194	0.15	1,236,029	618	655
KY	21	183	Western Ky Energy	D B Wilson	6823	W1	440	16,148,859	18,429,326	15,510,319	15,510,319	17,289,093	0.15	2,593,364	1,297	1,375
KY	21	127	American Electric Power	Big Sandy	1353	BSU1	281	6,752,659	6,373,438	6,325,248	6,325,248	6,563,049	0.15	984,457	492	522
KY	21	127	American Electric Power	Big Sandy	1353	BSU2	816	23,073,676	20,890,315	18,458,452	18,458,452	21,981,996	0.15	3,297,299	1,649	1,748
KY	21	015	Cincinnati Gas & Electric	East Bend	6018	2	669	16,934,354	16,666,445	17,506,947	16,666,445	17,220,651	0.15	2,583,098	1,292	1,370
KY	21	101	Henderson Power & Light	Henderson I	1372	6	32.3	224,271	148,706	68,565	68,565	186,489	0.15	27,973	14	15
KY	21	157	Air Products & Chemicals	Air Products	055308	C*	26	865,562	890,734	800,554	800,554	878,148	0.15	131,722	66	70
KY	21	059	Owensboro Mun. Utility	Elmer Smith	1374	1	151	6,077,250	4,647,837	5,186,161	4,647,837	5,631,706	0.15	844,756	422	447
KY	21	059	Owensboro Mun. Utility	Elmer Smith	1374	2	265	9,134,270	8,583,937	7,625,612	7,625,612	8,859,104	0.15	1,328,866	664	704
KY	21	157	KGen Marshall LLC	KGen Marshall LLC****	55232	CT1*	80	0	10,461	0	0	5,231	0.03	157	0	0
KY	21	157	KGen Marshall LLC	KGen Marshall LLC****	55232	CT2*	80	0	17,696	0	0	8,848	0.03	265	0	0
KY	21	157	KGen Marshall LLC	KGen Marshall LLC****	55232	CT3*	80	0	30,982	0	0	15,491	0.03	465	0	0
KY	21	157	KGen Marshall LLC	KGen Marshall LLC****	55232	CT4*	80	0	21,832	0	0	10,916	0.03	327	0	0
KY	21	157	KGen Marshall LLC	KGen Marshall LLC****	55232	CT5*	80	0	15,964	0	0	7,982	0.03	239	0	0
KY	21	157	KGen Marshall LLC	KGen Marshall LLC****	55232	CT6*	80	0	15,066	0	0	7,533	0.03	226	0	0
KY	21	157	KGen Marshall LLC	KGen Marshall LLC****	55232	CT7*	80	0	1,690	0	0	845	0.03	25	0	0
KY	21	157	KGen Marshall LLC	KGen Marshall LLC****	55232	CT8*	80	0	1,248	0	0	624	0.03	19	0	0
KY	21	127	Dynegy	Riverside Generating****	55198	GTG101*	208	71,006	386,558	42,770	42,770	228,782	0.07	16,015	8	8
KY	21	127	Dynegy	Riverside Generating****	55198	GTG201*	208	81,881	543,286	33,986	33,986	312,584	0.07	21,881	11	12
KY	21	127	Dynegy	Riverside Generating****	55198	GTG301*	208	80,810	446,613	22,058	22,058	263,712	0.07	18,460	9	10
KY	21	127	Dynegy	Riverside Generating****	55198	GTG401*	208	0	428,175	38,747	0	233,461	0.07	16,342	8	8
KY	21	127	Dynegy	Riverside Generating****	55198	GTG501*	208	0	363,786	28,220	0	196,003	0.07	13,720	7	7
KY	21	185	Dynegy	Bluegrass Generating****	55164	GTG1*	208	0	354,058	15,124	0	184,591	0.15	27,689	14	15
KY	21	185	Dynegy	Bluegrass Generating****	55164	GTG2*	208	0	484,538	15,161	0	249,850	0.15	37,478	19	20
KY	21	185	Dynegy	Bluegrass Generating****	55164	GTG3*	208	0	387,982	10,232	0	199,107	0.15	29,866	15	16

TOTAL EGU NOX ALLOWANCES ALLOCATED BEFORE 98% ADJUSTMENT (TONS)	**33,325**	
TOTAL KENTUCKY EGU NOX ALLOWANCES FOR THE 2007-2008 ALLOCATION PERIOD (TONS)		**35,325**
TOTAL KENTUCKY EGU NEW SOURCE GROWTH 2% NOX SET-ASIDES TO BE SOLD (TONS)		**720**
TOTAL KENTUCKY EGU NOX TRADING PROGRAM BUDGET (TONS OF EMISSIONS)		**36,045**

NOTES:

***1. PER 40 CFR PART 75, APPENDIX F, 3., Eq. F-5, THE FOLLOWING FORMULA WAS USED TO CONVERT A PARTS PER MILLION (PPM) NOX PERMIT LIMIT TO A NOx LB/MMBTU LIMIT:**

NOx lb/MMBTU = (1.194 X 10^{-7} (lb/dscf)/ppm NOx) x NOX permit limit (ppm) x 8710 (dscf/MMBTU) x (20.9/(20.9 - %O2))
For the above equation the %O2 was 15.

****2. 2001 AND 2002 OZONE SEASON HEAT INPUT INFORMATION FOR SUBJECT EGUS WAS OBTAINED FROM EPA'S CLEAN AIR MARKETS DIVISION WEB SITE http://www.epa.gov/airmarkets/emissions/prelimarp/index.html EXCEPT WHERE THE DATA WAS PROVIDED BY THE AFFECTED SOURCES PER A KYDAQ MARCH 8, 2004, LETTER.**

*****3. 2003 OZONE SEASON HEAT INPUT INFORMATION WAS NOT AVAILABLE ON THE ABOVE EPA CLEAN AIR MARKETS DIVISION WEB SITE AND WAS OBTAINED FROM THE AFFECTED SOURCES PER A KYDAQ MARCH 8, 2004, LETTER.**

******4. KENTUCKY UTILITY'S / LG&E'S BROWN UNIT 5, PADDY RUN UNIT 13, AND TRIMBLE COUNTY UNIT 5 AND 6; EAST KENTUCKY POWER'S J.K. SMITH UNIT SCT4-SCT5; DUKE ENERGY'S MARSHALL COUNTY FACILITY; AND DYNEGY'S RIVERSIDE AND BLUEGRASS GENERATING FACILITIES COMMENCED COMMERCIAL OPERATION AFTER MAY 1, 2001, AND ON OR BEFORE MAY 1, 2004, AND PER 401 KAR 51:160 ARE INCLUDED IN THE 2007-2009 ALLOCATION.**

*******5. INDICATES A RETIRED UNIT. KENTUCKY UTILITY'S GREEN RIVER UNITS 1-3 WERE RETIRED IN DECEMBER 2003, AND ITS PINEVILLE FACILTY UNIT 3 WAS RETIRED IN DECEMBER 2002. AS A RESULT THESE UNITS WERE NOT ALLOCATED NOX ALLOCATIONS FOR 2007-2009 PER 401 KAR 51:160.**

********6. EGU NOx ALLOCATIONS WILL BE MADE FOR 2007-2008 SINCE EPA WILL ONLY POPULATE NOx ACCOUNTS FOR 2007-2008 GIVEN THAT EPA'S CLEAN AIR INTERSTATE RULE (CAIR) WILL ADDRESS NOx ALLOWANCE TRADING FOR 2009 AND BEYOND.**