

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In The Matter Of:

**APPLICATION OF KENTUCKY POWER
COMPANY FOR APPROVAL OF ITS
2011 ENVIRONMENTAL COMPLIANCE
PLAN, FOR APPROVAL OF ITS
AMENDED ENVIRONMENTAL COST
RECOVERY SURCHARGE TARIFF, AND
FOR THE GRANTING OF A
CERTIFICATE OF PUBLIC
CONVENIENCE AND NECESSITY FOR
THE CONSTRUCTION AND
ACQUISITION OF RELATED
FACILITIES**

CASE NO. 2011-00401

RECEIVED
MAY 25 2012
PUBLIC SERVICE
COMMISSION

**Notice of Filing Of Modified Public And Confidential Versions Of Kentucky Power
Company's Response To Sierra Club 2-43**

Kentucky Power Company gives notice of its filing of modified versions of its Response to Sierra Club 2-43 and further states:

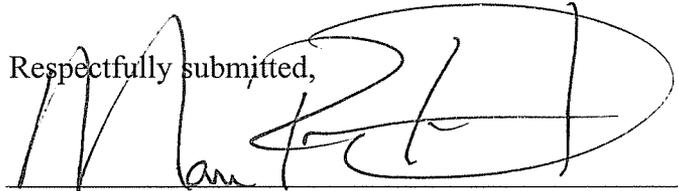
1. On February 20, 2012 Kentucky Power filed and served its Response to Sierra Club 2-43. In connection with the filing, the Company filed a Petition For Confidential Treatment with respect to portions of Attachment 1 and Attachment 2 to the Response.
2. Subsequent to February 20, 2012, limited portions of the previously confidential information contained in Attachment 2 to the Response became public.
3. Commission policy requires the Company to notify the Commission whenever any information for which confidential treatment was sought and granted becomes public.

4. Because certain information contained in Attachment 2 to the Response continues to be confidential, the Company is filing with this notice an original and ten copies of the Attachment 2 redacted to reflect all information that is now public, or for which the Company is not seeking confidential treatment. Kentucky Power also is filing under seal a confidential version of Attachment 2 highlighted to show the information that continues to be confidential.

5. There has been no change to those portions of Attachment 1 to the Company's Response to Sierra Club 2-43 that are confidential.

6. The Company incorporates its February 20, 2012 Petition for Confidential Treatment in this Notice.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark R. Overstreet', is written over a horizontal line. The signature is stylized and somewhat cursive.

Mark R. Overstreet
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COUNSEL FOR KENTUCKY POWER
COMPANY

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing was served by First Class Mail, upon the following parties of record, this 25th day of May, 2012.

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Counsel for Kentucky Power Company

Tab 2: AEP- PJM Compliance Driven Unit Idling/Derates/Curtailments

Units	State	Tech	Planned Status Following Compliance	MVA Capacity Prior	4th Year Compliance Extensions Period (4/1/2015 - 4/1/2016)										Date of Capacity Change	New Unit Net Capacity	Total Capacity Change	Unit Operational Status	START Date	END Date
					2012	2013	2014	2015	2016	2017	2018	2019	2020							
1	* Conesville 4	OH		800																
2	* Conesville 5	OH		400																
3	* Conesville 6	OH		400																
4	Muskingum River 5	OH	NG Refuel	600																
5	Clinch River 1	VA	NG Refuel	235																
6	Clinch River 2	VA	NG Refuel	235																
7	Rockport 1	IN		1320																
8	Big Sandy 2	KY	DFGD, LF	800																
9	** Gavin 2	OH		1320																
10	** Gavin 1	OH		1320																

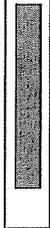
* AEP's compliance plan does not prevent the derating of CV4,5&6

** Gavin's curtailments will most likely be intermittent

Note: DERATES are defined here as estimated unit capacity reductions, where CURTAILMENTS are defined as occasional estimated unit output reductions to be mitigated at a later time

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Tab 3: AEP-PJM Unit Retirement Schedule

 = AEP's Planned Unit Retirements Driven by HAPs / MAT Ruling

Projected Retirement
 (4/1/2015) From
 HAPs/MAT

UNITS TO RETIRE	State	MWn	2012	2013	2014	2015	2016	2017	2018	2019	2020	Retirement Dates
1	Kanawha River 1	200										4/1/2015
2	Kanawha River 2	200										4/1/2015
3	Sporn 1	150										4/1/2015
4	Sporn 2	150										4/1/2015
5	Kammer 1	210										4/1/2015
6	Kammer 2	210										4/1/2015
7	Kammer 3	210										4/1/2015
8	Picway 5	100										4/1/2015
9	Sporn 3	150										4/1/2015
10	Sporn 4	150										4/1/2015
11	Clinch River 3	235										4/1/2015
12	Tanner Creek 3	205										4/1/2015
13	Tanner Creek 1	145										4/1/2015
14	Tanner Creek 2	145										4/1/2015
15	Glen Lyn 6	240										4/1/2015
16	Big Sandy 1	278										4/1/2015
17	Glen Lyn 5	95										4/1/2015
18	Muskingum River 1	205										4/1/2015
19	Muskingum River 2	205										4/1/2015
20	Muskingum River 3	215										4/1/2015
21	Muskingum River 4	215										4/1/2015
22	Conesville 3	165										12/31/2012
		4078										

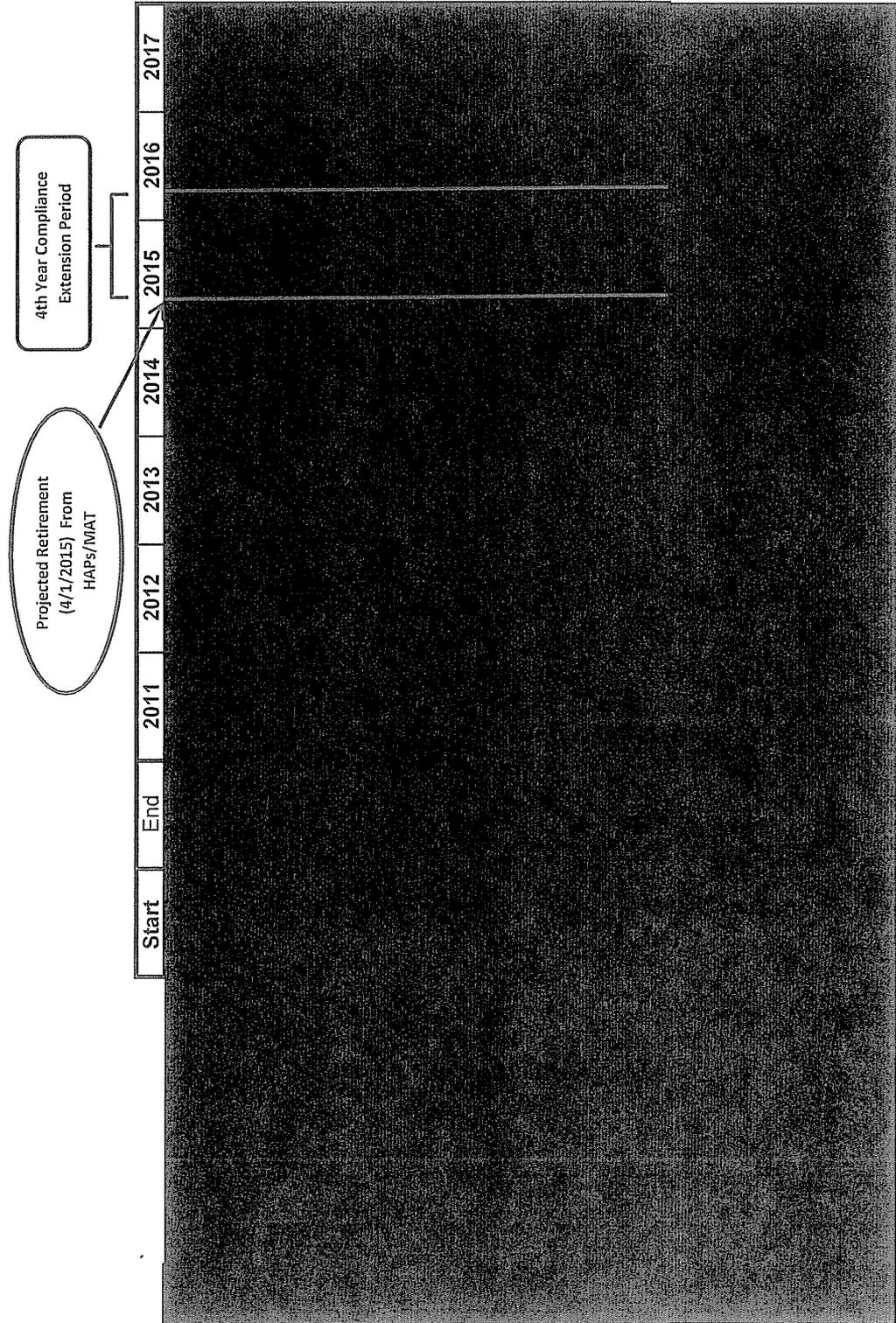
Notes:

1) All 22 units retiring provide some local ancillary grid support service

4) Conesville 3 retirement data is consistent with AEP Consent Decree

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Tab 4: AEP- PJM Transmission Mitigation Schedule & Blackstart Identification Requirements



Tab 5: AEP/PJM Anticipated Major Regulatory Filings

Units	State	MWn	Regulatory Driver		MATS Extension	CFCN	CECPN	CCN	Application	Notification to other State Commissions	Air Permit	Landfill Permit	Army Corp of Eng Permit	Natural Gas Pipeline Approvals	"Potential" Blackstart Notification
1	Rockport 2	IN	1320			X				X					
2	Conesville 6	OH	400				X								
3	Conesville 5	OH	400				X								
4	Clinch River 1	VA	235		X					X					
5	Tanner Creek 4	IN	500							X					
6	Muskingum River 5	OH	600		X					X					
7	Clinch River 2	VA	235		X					X					
8	Rockport 1	IN	1320		X					X					
9	Big Sandy 2	KY	800		X					X					
10	Gavin 2	OH	1320												
11	Gavin 1	OH	1320												
12	Kanawha River 1	WV	200	Retirement	X										
13	Kanawha River 2	WV	200	Retirement	X										
14	Sporn 1	WV	150	Retirement	X										
15	Sporn 2	WV	150	Retirement	X				X						
16	Kammer 1	WV	210	Retirement	X										
17	Kammer 2	WV	210	Retirement	X										
18	Kammer 3	WV	210	Retirement	X										
19	Picway 5	OH	100	Retirement											
20	Sporn 3	WV	150	Retirement	X										
21	Sporn 4	WV	150	Retirement	X										
22	Clinch River 3	VA	235	Retirement											
23	Tanner Creek 3	IN	205	Retirement	X										
24	Tanner Creek 1	IN	145	Retirement	X										
25	Tanner Creek 2	IN	145	Retirement	X										
26	Muskingum River 1	OH	205	Retirement	X					X					
27	Muskingum River 2	OH	205	Retirement	X					X					
28	Muskingum River 3	OH	215	Retirement	X					X					
29	Muskingum River 4	OH	215	Retirement	X					X					

MATS - Mercury and Air Toxics Standard
 CPCN - Certificate of Public Convenience and Necessity
 CECPN - Certificate of Environmental Compatibility and Public Need
 CCN - Certificate of Convenience and Necessity
 Note: - For Glen Lyn units 5 & 6 and Big Sandy 1 retirements, there are no anticipated regulatory filings
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Tab 6: Emissions & Allowances

AEP (PJM) Units	Historical ANNUAL Emissions (2007-2011)				CSAPR Allowance		CSAPR Unit Allowance Allocations as a % of		CSAPR Unit Allowance Allocations as a % of	
	5-Year Avg (2007-2011)		2-Year Avg (2010-2011)		Unit Allocations		5-YEAR AVG (2007-2011)		Historical Annual Emissions	
	SO2 Tons	SO2 Tons	SO2 Tons	SO2 Tons	MAX	MIN	SO2	SO2	MAXIMUM	MINIMUM
CR 1	4,396	2,381	8,710	1,340	2,794	1,236	64%	32%	209%	92%
CR 2	4,397	2,258	8,800	1,149	3,095	1,369	70%	35%	269%	119%
CR 3	4,707	1,705	9,164	1,110	3,085	1,365	66%	34%	278%	123%
GL 51	1,406	112	3,943	83	577	255	41%	15%	694%	307%
GL 52	131	111	169	79	591	262	453%	350%	747%	331%
GL 6	4,188	1,519	7,548	1,486	2,806	1,241	30%	16%	189%	84%
KR 1	5,559	4,037	7,508	2,422	1,775	818	32%	24%	73%	34%
KR 2	5,841	4,629	7,918	4,574	1,888	870	32%	24%	41%	19%
SP 1	4,928	4,357	6,419	1,675	1,346	620	30%	21%	80%	37%
SP 3	4,928	3,823	6,520	3,670	1,531	705	31%	23%	42%	19%
BS 1	9,051	8,811	11,979	5,643	3,399	1,462	38%	28%	60%	26%
BS 2	32,923	33,721	37,281	29,545	11,926	5,131	36%	32%	32%	17%
RP 1	26,961	25,271	31,295	21,820	21,292	11,905	79%	68%	98%	55%
RP 2	27,943	30,217	34,913	24,657	19,923	11,140	71%	57%	81%	45%
TC 1	2,465	1,404	5,345	440	1,980	1,107	80%	37%	450%	251%
TC 2	2,944	2,254	4,444	1,485	1,920	1,073	65%	43%	129%	72%
TC 3	4,049	2,248	7,064	2,082	2,634	1,473	65%	37%	126%	71%
TC 4	15,794	19,219	19,666	10,898	5,819	3,254	37%	30%	53%	30%
KM 1	8,178	5,282	14,467	4,716	1,966	906	24%	14%	42%	19%
KM 2	7,984	5,403	14,222	3,880	1,869	861	23%	13%	48%	22%
KM 3	8,392	4,735	14,418	3,933	1,957	901	25%	14%	50%	23%
MFR 1	19,768	16,884	25,011	15,943	2,402	1,053	17%	10%	15%	7%
MFR 2	18,902	16,366	24,368	13,421	2,376	1,042	13%	10%	18%	8%
MFR 3	22,594	21,664	24,336	19,124	2,458	1,078	11%	10%	13%	6%
MFR 4	21,974	22,804	24,264	18,994	2,305	1,011	10%	9%	12%	5%
MFR 5	28,210	23,588	36,554	19,487	8,215	3,602	29%	22%	42%	18%
SP 2	3,864	2,696	5,389	1,605	1,175	541	30%	22%	73%	34%
SP 4	3,956	2,616	6,980	1,540	1,523	702	36%	22%	99%	46%
SP 5	7,159	764	15,597	-	3,341	1,539	47%	21%	N/A	N/A
BU 6 (Total)	27,239	42,608	42,608	9,586	5,647	2,476	21%	13%	59%	26%
CV 3	10,972	7,818	15,877	4,093	1,551	680	10%	10%	38%	17%
PC 5	3,667	1,213	7,418	1,152	944	414	25%	13%	82%	36%

AEP (PJM) Coal Unit: "NON-Controlled" (SO2) Count (excl. SP5) =		# Coal Units w/ Allocation < 50%		# Coal Units w/ Allocation < 25%	
2011	2012	2011	2012	2011	2012
21	31	60%	97%	9	23%
30	30	97%	97%	21	68%
31	31	90%	97%	13	50%
12	21	39%	68%	5	16%
31	21	39%	68%	5	16%