



American Electric Power  
1 Riverside Plaza  
Columbus, OH 43215-2373  
AEP.com

CERTIFIED MAIL #7007 0710 0004 1071 2786

May 28, 2008

Mr. James J. Golden  
Deputy Director for Program Development  
Virginia Department of Environmental Quality  
629 E. Main Street  
Richmond, Virginia 23219

RE: Virginia State Air Pollution Control Board Information Request

Dear Mr. Golden:

Please find enclosed the responses from Appalachian Power Company, a subsidiary of American Electric Power, to the information request in your letter dated May 15, 2008. As requested, the information has been compiled for the calendar years of 2005, 2006 and 2007, where available. Where data is not available, this was noted on the response as you requested.

Should you have any questions regarding the information enclosed, please call Jeff Novotny of my staff at (614) 716-1294.

Sincerely,

A handwritten signature in black ink, appearing to read "John M. McManus".

John M. McManus  
Vice-President  
Environmental Services

Enclosure

c: J. J. Henry  
P. A. Dal Porto  
J. D. Henry / T. M. Sefcik  
B. R. Jones / J. A. Ryder  
R. L. Chafin / M. D. Guy  
T. P. Mallan  
J. D. La Fleur



#1) The amount of coal burned in each unit.

<b>(tons)</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Clinch River U1	558,249	499,112	527,683
Clinch River U2	520,872	551,080	520,452
Clinch River U3	513,202	596,406	546,732
Glen Lyn U5	165,889	177,269	224,169
Glen Lyn U6	503,506	525,001	434,001

#2) The coal quality burned for each calendar year, with averages, and ranges for sulfur content, heat content, ash content, mercury content, and other HAPs. *Please note that these facilities do not routinely measure mercury or HAPs in determining coal quality for coal burned therefore only ash (%), sulfur (%) and heat content (BTU/lb.) are available for this request.*

<b>Glen Lyn U5</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Average % Sulfur	0.88	0.92	0.88
Low % Sulfur	0.55	0.57	0.53
High % Sulfur	1.65	1.31	1.28
Average % Ash	10.48	10.57	11.27
Low % Ash	6.23	6.15	6.24
High % Ash	15.48	15.65	19.96
Average Heat Content	12,598	12,529	12,512
Low Heat Content	10,624	10,908	10,082
High Heat Content	13,523	13,548	13,527

<b>Glen Lyn U6</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Average % Sulfur	0.90	0.92	0.89
Low % Sulfur	0.60	0.58	0.53
High % Sulfur	1.41	1.50	1.75
Average % Ash	10.48	10.94	11.42
Low % Ash	6.00	7.62	7.06
High % Ash	18.23	15.65	19.88
Average Heat Content	12,520	12,393	12,473
Low Heat Content	11,154	10,992	10,610
High Heat Content	13,678	13,270	13,566

<b>Clinch River U1</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Average % Sulfur	0.87	0.88	0.88
Low % Sulfur	0.63	0.63	0.52
High % Sulfur	1.43	1.22	1.45
Average % Ash	13.59	13.58	11.96
Low % Ash	8.33	8.21	7.23

High % Ash	17.64	17.46	17.38
Average Heat Content	12,093	12,122	12,406
Low Heat Content	11,241	11,441	11,796
High Heat Content	12,665	12,960	13,229

<b>Clinch River U2</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Average % Sulfur	0.88	0.88	0.87
Low % Sulfur	0.63	0.63	0.52
High % Sulfur	1.43	1.19	1.45
Average % Ash	13.62	13.57	11.92
Low % Ash	8.30	8.21	7.23
High % Ash	17.64	16.99	17.38
Average Heat Content	12,077	12,135	12,418
Low Heat Content	11,459	11,215	11,796
High Heat Content	12,716	12,960	13,022

<b>Clinch River U3</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Average % Sulfur	0.86	0.89	0.89
Low % Sulfur	0.64	0.63	0.54
High % Sulfur	1.20	1.22	1.45
Average % Ash	13.73	13.54	11.99
Low % Ash	9.42	8.21	8.21
High % Ash	17.64	16.99	17.38
Average Heat Content	12,060	12,142	12,391
Low Heat Content	11,240	11,441	11,752
High Heat Content	12,665	12,960	13,022

#3) The treatment received on site at each facility for each unit and the effect such treatment has on any of the above-listed coal parameters. *For Appalachian Power Company, there is no on site treatment of the coal used for fuel in our steam generators.*

#4) Cost for each calendar year for coal purchased as well as respond to questions I.7., I.8., and I.9. of the attached memorandum.

*The cost (\$/ton) for the fuel purchased for each facility is:*

<b>(\$/ton)</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Clinch River	49.96	50.89	56.61
Glen Lyn	63.73	61.39	62.20

*The cost of fuel burned on a \$/ton bases in response to questions I.7., I.8., and I.9. of the attached memorandum.*

(\$/ton)	2005	2006	2007
Clinch River U1	49.39	52.79	58.18
Clinch River U2	49.39	52.79	58.18
Clinch River U3	49.39	52.79	58.18
Glen Lyn U5	64.25	65.84	66.56
Glen Lyn U6	64.25	65.84	66.56

*Available data provides the average coal cost per ton on a facility basis. This coal is received from many sources and either fed to all units when unloading or commingled on a storage pile. As such, no coal information regarding the specific coal source for each individual boiler is available.*

(Sulfur Range I.7.)	2005	2006	2007
Clinch River U1	0.8 to 0.89%	0.8 to 0.89%	0.8 to 0.89%
Clinch River U2	0.8 to 0.89%	0.8 to 0.89%	0.8 to 0.89%
Clinch River U3	0.8 to 0.89%	0.8 to 0.89%	0.8 to 0.89%
Glen Lyn U5	0.8 to 0.89%	0.9 to 0.99%	0.8 to 0.89%
Glen Lyn U6	0.9 to 0.99%	0.9 to 0.99%	0.8 to 0.89%

(Heat Content Range I.9.)	2005	2006	2007
Clinch River U1	12,000 to 12,499	12,000 to 12,499	12,000 to 12,499
Clinch River U2	12,000 to 12,499	12,000 to 12,499	12,000 to 12,499
Clinch River U3	12,000 to 12,499	12,000 to 12,499	12,000 to 12,499
Glen Lyn U5	12,500 to 12,999	12,500 to 12,999	12,500 to 12,999
Glen Lyn U6	12,500 to 12,999	12,000 to 12,499	12,000 to 12,499

*The plant does not have mercury data on the fuels burned during the three years of this request. All data is from several years ago and not provided because it may not represent the actual quality in the fuels burned in the above period.*

#5) Any information you may have on the origin of the coal used in your facilities.

*Clinch River Plant – 2005*

SUPPLIER	COUNTY	STATE	MINE NAME
Glamorgan Coal Resources, LLC	WISE	VA	Glamorgan Unity Mine
New River Energy, LLC	PIKE	KY	Bevins Branch Resources' mine No. 5
Pike Letcher Synfuel, LLC	PIKE	KY	Clintwood Elkhorn #2 and Clintwood Elkhorn #3 Mine
Smoky Mountain Coal Corp.	WISE	VA	Meg-Lyn and Cane Patch mines
Southeast Fuels, Inc.	WISE	VA	Ambrose Mine
Alpha Coal Sales Co.	RUSSELL	VA	Laurel Mountain, Moss AFB, Cove Coal, Black Bear, McClure Middling's, Black Dog, Lawson Hollow, and A&G #5 Mines.

*Clinch River Plant – 2006*

SUPPLIER	COUNTY	STATE	MINE NAME
Clintwood Elkhorn Mining Co.	PIKE	KY	Clintwood Elkhorn #2 and Clintwood Elkhorn #3 Mine
Glamorgan Coal Resources, LLC	WISE	VA	Glamorgan Unity Mine
Pike Letcher Synfuel, LLC	PIKE	KY	Clintwood Elkhorn #2 and Clintwood Elkhorn #3 Mine
Smoky Mountain Coal Corp.	WISE	VA	Meg-Lyn and Cane Patch mines.
Southeast Fuels, Inc.	WISE	VA	Ambrose Mine
Alpha Coal Sales Co., Inc.	RUSSELL	VA	Laurel Mountain, Moss AFB, Cove Coal, Black Bear, McClure Middling's, Black Dog, Lawson Hollow, and A&G #5 Mines.

*Clinch River Plant – 2007*

SUPPLIER	COUNTY	STATE	MINE NAME
Alpha Coal Sales Co., Inc.	RUSSELL	VA	Laurel Mountain, Moss AFB, Cove Coal, Black Bear, McClure Middling's, Black Dog, Lawson Hollow, and A&G #5 Mines.
Appalachian Fuels, LLC and New River Energy Resources, LLC	GUNNISON	CO	Bowie No. 2 mine
Arch Coal Sales Co., Inc.	WISE	VA	Pardee Mine Complex
Clintwood Elkhorn Mining Co.	PIKE	KY	Clintwood Elkhorn #2 and Clintwood Elkhorn #3 Mine
Massey Coal Sales Co.	TAZEWELL	VA	Knox Creek mine
Pike Letcher Synfuel, LLC	PIKE	KY	Clintwood Elkhorn #2 and Clintwood Elkhorn #3 Mine
Smoky Mountain Coal Corp.	WISE	VA	Meg-Lyn and Cane Patch mines
Southeast Fuels, Inc.	WISE	VA	Ambrose Mine

*Glen Lyn Plant – 2005*

SUPPLIER	COUNTY	STATE	MINE NAME
Alliance Coal Corp.	BUCHANAN	VA	Alliance Mine
Arch Coal Sales Co., Inc.	WISE	VA	Pardee Mine Complex
Cait, LLC	BUCHANAN	VA	Virginia Energy Mine
Clintwood Elkhorn Mining Co.	PIKE	KY	Clintwood Elkhorn No. 3 mine
Clintwood Elkhorn Mining Co.	BUCHANAN	VA	Clintwood Elkhorn No. 3 mine
Delta Coals Inc.	WISE	VA	Red River Coal

Dynamic Energy, Inc.	WYOMING	WV	Coal Mountain Mine
Foundation Energy Sales, Inc.	WYOMING	WV	Pioneer Fuel mine
Glamorgan Coal Resources, LLC	WISE	VA	Glamorgan Unity Mine
Pike Letcher Synfuel, LLC	PIKE	KY	Clintwood Elkhorn #2 and Clintwood Elkhorn #3 Mine
Rapoca Energy Company, LLC	BUCHANAN	VA	Black Watch Mine
Smoky Mountain Coal Corp.	WISE	VA	Meg-Lyn and Cane Patch mines.
White River Coal Sales, Inc.	WISE	VA	Commonwealth Mine
Arch Coal Sales Co., Inc.	WISE	VA	Pardee Mine Complex

*Glen Lyn Plant 2006*

SUPPLIER	COUNTY	STATE	MINE NAME
Arch Coal Sales Co., Inc.	LOGAN	WV	Pardee Mine Complex
Clintwood Elkhorn Mining Co.	BUCHANAN	VA	Clintwood Elkhorn No. 3 mine
Delta Coals Inc.	WISE	VA	Red River Coal
Dynamic Energy, Inc.	WYOMING	WV	Coal Mountain Mine
Foundation Energy Sales, Inc.	WYOMING	WV	Pioneer Fuel mine
White River Coal Sales, Inc.	WISE	VA	Commonwealth Mine

*Glen Lyn Plant 2007*

SUPPLIER	COUNTY	STATE	MINE NAME
Arch Coal Sales Co., Inc.	WISE	VA	Pardee Mine Complex
Bluestone Coal Sales Corporation	MCDOWELL	WV	Red Fox Mine
Clintwood Elkhorn Mining Co.	PIKE	KY	Clintwood Elkhorn #2 and Clintwood Elkhorn #3 Mine
Clintwood Elkhorn Mining Co.	BUCHANAN	VA	Clintwood Elkhorn No. 3 mine
Delta Coals Inc.	WISE	VA	Red River Coal
Dynamic Energy, Inc.	WYOMING	WV	Coal Mountain Mine
Logan & Kanawha Coal Co., Inc.	WYOMING	WV	Coal Mountain Mine
Pioneer Fuel Corporation	WYOMING	WV	Pioneer mine
Southeast Fuels, Inc.	WISE	VA	Ambrose Mine
White River Coal Sales, Inc.	WISE	VA	Commonwealth Mine

#6) Any other data you believe to be relevant in regards to the questions posed in the attached memorandum.

*APCO and AEP do not have any additional data in regards to the questions posed at this time.*