

PA Controls - Table 1.						Year SO ₂ Controls		Year NOx Controls
Company Name	Plant	Unit	MW	PM Controls	SO ₂ Controls	Installed/Planned	NOx Controls	Installed/Planned
Allegheny Energy	3	1	500	ESP	(Scrubber)	Permit Appl.	LNB	
Allegheny Energy	3	2	500	ESP	(Scrubber)	Permit Appl.	SNCR (Trim)	
Allegheny Energy	3	3	500	ESP	(Scrubber)	Permit Appl.	SNCR (Trim)	
Allegheny Energy	2	33	275	ESP	Wet Scrubber		LNB	
Allegheny Energy	1	1	172	ESP	x		ROFA	
Allegheny Energy	1	2	171	ESP	x		ROFA	
Allegheny Energy Supply	1	Gen2	29	ESP	Wet Scrubber		LNB	
Allegheny Energy Supply	1	Gen3	98	ESP	Wet Scrubber		LNB	
Cambria Cogen (FB)	1	Gen 1	87	Fabric Filter	Dry Scrubber		SNCR	
Chester Operations (Kimberly-Clark) (FB)	1	T5	67	Fabric Filter	Dry Scrubber		x	
Colver Power Project (FB)	1	Colv	116	Fabric Filter	Dry Scrubber		SNCR	
Ebensburg Power (FB)	1	Gen1	51	Fabric Filter	Dry Scrubber		x	
EME Homer City Gen. LLC	1	2	614	ESP	(Scrubber)	Permit Appl.	SCR	
EME Homer City Gen. LLC	1	1	620	ESP	(Scrubber)	Permit Appl.	SCR	
EME Homer City Gen. LLC	1	3	650	ESP	Wet Scrubber		SCR	
Exelon	1	1	279	ESP	Wet Scrubber		SNCR	
Exelon	1	2	302	ESP	Wet Scrubber		SNCR	
Exelon	2	1	144	ESP	Wet Scrubber		SNCR	
First Energy	1	1	781	PM Scrubber	Wet Scrubber		SCR	
First Energy	1	2	785	PM Scrubber	Wet Scrubber		SCR	
First Energy	1	3	805	ESP	Wet Scrubber		SCR	
Foster Wh Mt. Carmel Cogeneration (FB)	1	SG-101	40	Fabric Filter	Dry Scrubber		x	
John B Rich Mem (Gilbert) (FB)	1	Gen1	80	Fabric Filter	Dry Scrubber		SNCR	
Kline Township Cogen (FB)	1	Gen1	50	Fabric Filter	Dry Scrubber		x	
Nothampton Generating (FB)	1	Gen1	102	Fabric Filter	Dry Scrubber		SNCR	
Panther Creek Energy (FB)	1	Gen1	83	Fabric Filter	Dry Scrubber		SNCR	
Piney Creek (FB)	1	Gen1	32	Fabric Filter	Dry Scrubber		SNCR	
PPL Generation, LLC	3	1	321	Fabric Filter	(Scrubber)	Permit Appl.	LNB	
PPL Generation, LLC	3	2	378	ESP	(Scrubber)	Permit Appl.	LNB	
PPL Generation, LLC	3	3	735	ESP	(Scrubber)	Permit Appl.	LNB	
PPL Generation, LLC	2	1	760	ESP	(Scrubber)	Permit Appl.	SCR	
PPL Generation, LLC	2	2	745	ESP	(Scrubber)	Permit Appl.	SCR	
PPL Generation, LLC	1	1	140	ESP	Retires in 2007		Retires in 2007	

PA Controls -Table 1 (Cont.).						Year SO₂ Controls		Year NOx Controls
Company Name	Plant	Unit	MW	PM Controls	SO₂ Controls	Installed/Planned	NOx Controls	Installed/ Planned
PPL Generation, LLC	1	2	140	ESP	Retires in 2007		Retires in 2007	
Reliant Energy	8	1	562	ESP	(Considering Scrubber)		SCR	
Reliant Energy	5	1	850	ESP	(Scrubber)	Permit Appl.	SCR	
Reliant Energy	6	2	850	ESP	(Scrubber)	Permit Appl.	SCR	
Reliant Energy	9	1 and 2	520	Fabric Filter	Dry Scrubber		SNCR	
Reliant Energy	7	1	850	ESP	Wet Scrubber		LNB	
Reliant Energy	7	2	850	ESP	Wet Scrubber		LNB	
Reliant Energy	5	1	97	ESP	Wet Scrubber		SNCR	
Reliant Energy	5	2	97	ESP	Wet Scrubber		SNCR	
Reliant Energy	5	3	109	ESP	Wet Scrubber		SNCR	
Reliant Energy	5	4	171	ESP	Wet Scrubber		SNCR	
Reliant Energy	1	3	81	ESP	x		LNB	
Reliant Energy	1	2	79	ESP	x		LNB	
Reliant Energy	1	1	81	ESP	x		LNB	
Reliant Energy	3	1	158	ESP	x		LNB	
Reliant Energy	3	2	243	ESP	x		LNB	
Reliant Energy	2	1	122	ESP	x		LNB (SNCR)	Permit Pend.
Reliant Energy	2	2	125	ESP	x		LNB (SNCR)	Permit Pend.
Reliant Energy	2	3	175	ESP	x		LNB (SNCR)	Permit Pend.
Reliant Energy	2	4	175	ESP	x		LNB (SNCR)	Permit Pend.
Reliant Energy	4	3	98	ESP	x		LNB (SNCR)	Permit Pend.
Reliant Energy	4	4	98	ESP	x		LNB (SNCR)	Permit Pend.
Reliant Energy	4	5	137	ESP	x		LNB (SNCR)	Permit Pend.
Scrubgrass Generating Co. (FB)	1	Gen1	82	Fabric Filter	Dry Scrubber		SNCR	
St. Nicholas Cogeneration Project (FB)	1	SNCP	101	Fabric Filter	Dry Scrubber		SNCR	
UGI Development Co.	1	6	48	ESP	x		LEA	
Wheeler Frackville (FB)	1	Gen1	43	Fabric Filter	Dry Scrubber		x	
WPS Power Development Inc.	2	031	34	Fabric Filter	Dry Scrubber		x	
WPS Power Development Inc.	1	2A	38	Fabric Filter	x		LNB	
WPS Power Development Inc.	1	1A	38	Fabric Filter	x		LNB	
WPS Power Development Inc.	1	2B	38	Fabric Filter	x		LNB	
WPS Power Development Inc.	1	1B	38	Fabric Filter	x		LNB	
WPS Power Development Inc.	1	3	83	ESP	x		LNB	
WPS Power Development Inc.	1	4	128	ESP	x		LNB	
		Total:	18071					

PA Controls-Table 1 (Cont.)

Coal Plants - CONTROL	Capacity	% Capacity Controlled	Coal Plants - CONTROL	Capacity	% Capacity Controlled
Current Scrubbed - Total	7,810	43%	Current Capacity with SCR	8022	44%
Dry Scrubber - Only	1,488	8%	Current with SNCR and ROFA	3745	21%
Wet Scrubber Only	6,322	35%	Potential New SNCR	930	5%
Pot. Scrubbed (Permits Applied For)	7,373	41%	No New SCR Proposed	0	0%
Pot. Being Considered	562	3%	Capacity SNCR or Greater	11767	65%
Total scrubbed and under consideration	15,745	87%	Pot. Capacity SNCR or Greater	12697	70%

Note: 280 MW of Capacity not included in analysis as it will retire in 2007.

**West Virginia
EGU Control Systems**

4-24-06

Company		Unit	MW	PM Controls	SO ₂ Controls	Year SO ₂ Controls Installed / Planned	NOx Controls	Year NOx Controls Installed / Planned
Dominion	Plant 1	1	533	ESP	Wet Scrubber	2002	SCR	2003
	Plant 1	2	533	ESP	Wet Scrubber	2001	SCR	2003
	Plant 1	3	521	ESP	Wet Scrubber	1994	SCR	2004
	Plant 2	1	84	Fabric Filter	CFB Limestone Injection	Built-in	LNB	Built-in
	Plant 2	2		Fabric Filter	CFB Limestone Injection	Built-in	LNB	Built-in
Allegheny	Plant 3	1	640	ESP	Wet Scrubber	1994	SCR	2002
	Plant 3	2	640	ESP	Wet Scrubber	1994	SCR	2003
	Plant 3	3	640	ESP	Wet Scrubber	1994	SCR	2003
AEP	Plant 4	1	200	ESP			OFA	
AEP	Plant 4	2	200	ESP			OFA	
Edison Mission	Plant 5		84	Fabric Filter	CFB Limestone Injection	Built-in	SNCR	2003
Allegheny	Plant 6	1	46	ESP				
	Plant 6	2	91	ESP				
AEP	Plant 7	1	210	ESP			OFA	
	Plant 7	2	210	ESP			OFA	
	Plant 7	3	210	ESP			OFA	
	Plant 8	1	800	ESP	Wet Scrubber	2007	SCR	2007
	Plant 8	2	800	ESP	Wet Scrubber	2007	SCR	2007
	Plant 9		1300	ESP	Wet Scrubber	2007	SCR	2003
	Plant 10	1	150	ESP			OFA	
	Plant 10	2	150	ESP			OFA	
	Plant 10	3	150	ESP			OFA	
	Plant 10	4	150	ESP			OFA	
Allegheny	Plant 10	5	450	ESP			LNB	
	Plant 11	1	552	ESP	Wet Scrubber	2010	SNCR Trim	2004
MEA	Plant 11	2	555	ESP	Wet Scrubber	2010	SNCR Trim	2004
MEA	Plant 12		60	Fabric Filter	CFB Limestone Injection	Built-in	LNB	Built-in
Allegheny	Plant 13	1	650	ESP	Wet Scrubber	1979	SCR	2003
	Plant 13	2	650	ESP	Wet Scrubber	1980	SCR	2003
	Plant 14	1	54	ESP			LNB	
	Plant 14	2	181	ESP			OFA	
	Plant 15	1	73	ESP			LNB	
	Plant 15	2	73	ESP			LNB	
	Plant 15	3	137	ESP			LNB	
AEP	Plant 16	1	800	ESP	Wet Scrubber	2009	SCR	2005
	Plant 16	2	800	ESP	Wet Scrubber	2009	SCR	2004
	Plant 16	3	1300	ESP	Wet Scrubber	2008	SCR	2003

Total: 14,677

81.37% of Generation Controlled for SO₂ by 2010
80.38% of Generation Controlled for NO_x with better than LNB by 2010
72.27% of Generation Controlled for NO_x with SCR by 2010

OHIO COAL EGU CONTROL SYSTEMS (May 2006)

PLANT	Unit & MW	COUNTY	Electrostatic Precip. (ESP)	Flue Gas Desulfurization (FGD) (Scrubber)	SCR	SNCR	LOW NOx Burners
AEP - Cardinal	# 1 (600 MW)	Jefferson	Yes	Operational 12/16/07	Yes	No	Yes
	# 2 (600 MW)	Jefferson	Yes	Operational 12/28/07	Yes	No	Yes
	# 3 (630 MW)	Jefferson	Yes	Not planned	Yes	No	Yes
AEP - Muskingum River	# 1 (205 MW)	Washington	Yes	Not planned	No	No	No
	# 2 (205 MW)	Washington	Yes	Not planned	No	No	No
	# 3 (240 MW)	Washington	Yes	Not planned	No	No	No
	# 4 (240 MW)	Washington	Yes	Not planned	No	No	No
	# 5 (600 MW)	Washington	Yes	Operational 04/25/08	Yes	No	Yes
AEP - Conesville *Shut down in 06	# 1 (125 MW)*	Coshocton	Yes	Not planned	No	No	No
	# 2 (125 MW)*	Coshocton	Yes	Not planned	No	No	No
	# 3 (165 MW)	Coshocton	Yes	Not planned	No	No	Yes
	# 4 (800 MW)	Coshocton	Yes	Operational 08/18/09	Operational 08/18/09	No	No
	# 5 (425 MW)	Coshocton	Yes	Yes	No	No	No
	# 6 (425 MW)	Coshocton	Yes	Yes	No	No	No
AEP - Gavin	# 1 (1300 MW)	Gallia	Yes	Yes	Yes	No	Yes
	# 2 (1300 MW)	Gallia	Yes	Yes	Yes	No	Yes
Ohio Valley Electric Kyger Creek	# 1 (217 MW)	Gallia	Yes	Operational 01/01/09	Yes	No	Yes
	# 2 (217 MW)	Gallia	Yes	Operational 01/01/09	Yes	No	Yes
	# 3 (217 MW)	Gallia	Yes	Operational 01/01/09	Yes	No	Yes
	# 4 (217 MW)	Gallia	Yes	Operational 01/01/09	Yes	No	Yes
	# 5 (217 MW)	Gallia	Yes	Operational 01/01/09	Yes	No	Yes
First Energy - Sammis	# 1 (192 MW)	Jefferson	Yes (bag house)	Operational 12/31/09	No	Operational 06/06	Yes
	# 2 (192 MW)	Jefferson	Yes (bag house)	Operational 12/31/09	No	Yes	Yes
	# 3 (192 MW)	Jefferson	Yes (bag house)	Operational 12/31/08	No	Yes	Yes
	# 4 (192 MW)	Jefferson	Yes (bag house)	Operational 09/30/08	No	Operational 06/06	Yes
	# 5 (315 MW)	Jefferson	Yes	Operational 12/31/08	No	Operational 06/06	Yes
	# 6 (629 MW)	Jefferson	Yes	Operational 12/31/10	Operational 12/31/10	Yes	Yes
	# 7 (629 MW)	Jefferson	Yes	Operational 12/31/10	Operational 12/31/11	Yes	Yes
First Energy - Burger	# 3 (100 MW) - Boilers 5 & 6	Belmont	Yes	No	No	No	No
	# 4 (167 MW)	Belmont	Yes	Operational	No	Operational	Yes
	# 5 (167 MW)	Belmont	Yes	Operational 12/31/10	No	Operational 12/31/08	Yes
AMP Ohio - Gorsuch	# 1 (53 MW)	Washington	Yes	No	No	No	Yes
	# 2 (53 MW)	Washington	Yes	No	No	No	Yes
	# 3 (53 MW)	Washington	Yes	No	No	No	Yes
	# 4 (53 MW)	Washington	Yes	No	No	No	Yes

Dayton P&L Killen Station	# 2 (587 MW)	Adams	Yes		Under Construction	Under Construction	No	Yes	
Dayton P&L	# 1 (573 MW)	Adams	Yes		Under Construction	Under Construction	No	Yes	
J M Stuart	# 2 (573 MW)	Adams	Yes		Under Construction	Under Construction	No	Yes	
	#3 (573 MW)	Adams	Yes		Under Construction	Under Construction	No	Yes	
	#4 (573 MW)	Adams	Yes		Under Construction	Under Construction	No	Yes	
Cinergy - Zimmer (Duke Energy)	# 1 (1300 MW)	Clermont	Yes	Yes		Yes	No	Yes	
Cinergy - Miami	# 5-1	Hamilton	Yes	No		No	No		
Fort (Duke Energy)	# 5-2	Hamilton	Yes	No		No	No		
	# 6 (163 MW)	Hamilton	Yes	No		No	No		
	# 7 (490 MW)	Hamilton	Yes	Operational 2007		Yes	No	Yes	
	# 8 (490 MW)	Hamilton	Yes	Operational 2007		Yes	No	Yes	
Cinergy - Beckjord (Duke Energy)	# 1 (94 MW)	Clermont	Yes	No		No	No	No	
	# 2 (94 MW)	Clermont	Yes	No		No	No	No	
	# 3 (128 MW)	Clermont	Yes	No		No	No	Yes	
	# 4 (150 MW)	Clermont	Yes	No		No	No	Yes	
	# 5 (238 MW)	Clermont	Yes	No		No	No	Yes	
	# 6 (414 MW)	Clermont	Yes	No		No	No	Yes	
Hamilton Municipal Power	# 8 (32 MW)	Butler	Yes	No		No	No	Yes	
	#9 (50 MW)	Butler	Yes (bag house)	Yes (dry)		No	No	Yes	
First Energy	# 7 (243 MW)	Ashtabula	Yes	No		No	No	No	
Avon Lake Power Plant	# 10 (95 MW)	Lorain	Yes	No					
	# 12 (583 MW)	Lorain	Yes	Operational 2010		Operational 2010	No		
First Energy	# 18 (245 MW)	Cuyahoga	Yes	No		No	No	No	
Painesville Muni	# 3 (13 MW)	Lake	No	No		No	No	No	
	# 4 (24 MW)	Lake	No	No		No	No	No	
	# 5 (17 MW)	Lake	No	No		No	No	No	
First Energy	# 1 (129 MW)	Lake	Yes	No		No	No	Yes	
East Lake	# 2 (129 MW)	Lake	Yes	No		No	No	Yes	
	# 3 (129 MW)	Lake	Yes	No		No	Yes	Yes	
	# 4 (238 MW)	Lake	Yes	No		No	No	Yes	
	# 5 (584 MW)	Lake	Yes	Operational 2010		No	Yes	Yes	
First Energy	# 2 (134 MW)	Lucas	No	No		No	No	No	
Bay Shore	# 3 (142 MW)	Lucas	No	No		No	No	Yes	
	# 4 (213 MW)	Lucas	No	No		No	No	No	
									Total MW
		75% of generation controlled for SO2 by 2010							
		75% of generation controlled for NOx via SCRs/SNCRs by 2010							