

**APPENDIX A**

**UTILITY COMPANY SHARES OF EMISSION ALLOWANCES**



**TABLE A-1**  
**20 LARGEST COMPANY SHARES OF PHASE I**  
**EMISSION ALLOWANCES**

Phase I Utility Name	Share of Allowances	Total (%)
Georgia Power Company	581,600	10.2
Tennessee Valley Authority	552,640	9.7
Ohio Power Company	432,050	7.6
Public Service Company of Indiana	320,668	5.6
Monongahela Power Company	231,060	4.1
Union Electric Company	200,330	3.5
Ohio Edison Company	177,626	3.1
Illinois Power Company	175,938	3.1
Pennsylvania Electric Company	175,170	3.1
Pennsylvania Power & Light Company	158,370	2.8
Cleveland Electric Illuminating Company	150,763	2.6
West Pennsylvania Power Company	145,260	2.5
Alabama Power Company	134,070	2.4
Virginia Electric & Power Company	121,730	2.1
Indiana-Kentucky Electric Corporation	120,190	2.1
Potomac Electric Power Company	119,980	2.1
Indianapolis Power & Light Company	97,768	1.7
Long Island Lighting Company	93,200	1.6
Ohio Valley Electric Corporation	93,200	1.6
Cincinnati Gas & Electric Company	93,018	1.6
Total Top 20	4,174,631	73.1

Source: Unpublished 1991 EPA, Acid Rain Division data and authors'

computations.

**TABLE A-2**  
**TOP 17 HOLDING COMPANY SHARES OF PHASE I**  
**EMISSION ALLOWANCES**

Top 17 Holding Companies	Phase I Allowances	Share of Total (%)
Southern Company	821,160	14.4
American Electric Power	557,717	9.8
Allegheny Power System Incorporated	376,320	6.6
General Public Utilities Corporation	191,340	3.4
Centerior Energy Corporation	150,763	2.6
Dominion Resources Incorporated	121,730	2.1
IPALCO Enterprises Incorporated	97,768	1.7
TECO Energy Incorporated	82,250	1.4
Wisconsin Energy Corporation	75,730	1.3
CIPSCO Incorporated	75,725	1.3
NIPSCO Industries Incorporated	56,428	1.0
CMS Energy Corporation	42,340	0.7
<del>39,070</del>	0.7	
WPL Holdings Incorporated	37,440	0.7
Atlantic Energy Incorporated	20,780	0.4
Iowa Southern Incorporated	10,710	0.2
IE Industries Incorporated	8,180	0.1
Total Top 17	2,765,551	48.4

Source: Unpublished 1991 EPA, Acid Rain Division data and authors' computations.

**TABLE A-3****TOP 20 NONAFFILIATE COMPANY SHARES OF PHASE I  
EMISSION ALLOWANCES**

Top 20 Nonaffiliate Companies	Phase I Allowances	Share of Total (%)
Tennessee Valley Authority	552,640	9.7
Public Services Company of Indiana	320,668	5.6
Union Electric Company	200,330	3.5
Ohio Edison Company	177,626	3.1
Illinois Power Company	175,938	3.1
Pennsylvania Power & Light Company	158,370	2.8
Indiana-Kentucky Electric Corporation	120,190	2.1
Potomac Electric Power Company	119,980	2.1
Long Island Lighting Company	93,200	1.6
Ohio Valley Electric Corporation	93,200	1.6
Cincinnati Gas & Electric Company	93,018	1.6
Associated Electric Cooperative Inc.	90,360	1.6
Cardinal Operating Company	81,726	1.4
Kentucky Utilities Company	80,350	1.4
Commonwealth Edison Company	73,563	1.3
Electric Energy Incorporated	69,030	1.2
Big Rivers Electric Corporation	62,080	1.1
Southern Indiana Gas & Electric Company	54,312	1.0
East Kentucky Power Cooperative Inc.	45,550	0.8
Public Service Company of New Hampshire	32,190	0.6
Total Top 20	2,694,321	47.2

Source: Unpublished 1991 EPA, Acid Rain Division data and authors' computations.

**TABLE A-4****20 LARGEST COMPANY SHARES OF PHASE II  
EMISSION ALLOWANCES**

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Utility Name	Phase II Allowances	Share of Total (%)
Tennessee Valley Authority	459,401	5.5
Georgia Power Company	384,015	4.6
Texas Utilities Generating Company	268,861	3.2
Detroit Edison Company	227,061	2.7
Pennsylvania Electric Company	222,996	2.6
Alabama Power Company	216,348	2.6
PacifiCorp	201,305	2.4
Ohio Power Company	191,971	2.3
Appalachian Power Company	178,062	2.1
Pennsylvania Power & Light Company	171,150	2.0
Duke Power Company	151,748	1.8
Public Services Company of Indiana	149,491	1.8
Carolina Power & Light Company	145,611	1.7
Virginia Electric & Power Company	145,143	1.7
Monongahela Power Company	142,806	1.7
Commonwealth Edison Company	136,477	1.6
Union Electric Company	134,946	1.6
Florida Power Corporation	118,310	1.4
Ohio Edison Company	109,213	1.3
Dayton Power & Light Company	107,362	1.3
Total Top 20	3,862,277	45.9

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Source: Unpublished 1991 EPA, Acid Rain Division data and authors'

computations.

**TABLE A-5**  
**TOP 20 HOLDING COMPANY SHARES OF PHASE II**  
**EMISSION ALLOWANCES**

Top 20 Holding Companies	Phase II Allowances	Share of Total (%)
Southern Company	712,792	8.5
American Electric Power	503,796	6.0
Texas Utilities Electric Company	268,861	3.2
General Public Utilities Corporation	238,461	2.8
Allegheny Power System Incorporated	217,946	2.6
Dominion Resources Incorporated	145,143	1.7
Central and South West Corporation	131,387	1.6
Florida Progress Corporation	118,310	1.4
Centerior Energy Corporation	110,873	1.3
DPL Incorporated	107,362	1.3
CMS Energy Corporation	106,989	1.3
Houston Industries Incorporated	88,840	1.1
Wisconsin Energy Corporation	88,711	1.1
TECO Energy Incorporated	82,491	1.0
Entergy Corporation	73,551	0.9
IPALCO Enterprises Incorporated	73,283	0.9
FPL Group Incorporated	66,885	0.8
SCANA Corporation	63,808	0.8
CIPSCO Incorporated	63,751	0.8
Pinnacle West Capital Corporation	60,496	0.7
Total Top 20	3,323,736	39.8

Source: Unpublished 1991 EPA, Acid Rain Division data and authors'

computations.

**TABLE A-6****TOP 20 NONAFFILIATE COMPANY SHARES OF PHASE II  
EMISSION ALLOWANCES**

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Top 20 Nonaffiliate Companies	Phase II Allowances	Share of Total (%)
Tennessee Valley Authority	459,401	5.5
Detroit Edison Company	227,061	2.7
PacifiCorp	201,305	2.4
Pennsylvania Power & Light Company	171,150	2.0
Duke Power Company	151,748	1.8
Public Services Company of Indiana	149,491	1.8
Carolina Power & Light Company	145,611	1.7
Commonwealth Edison Company	136,477	1.6
Union Electric Company	134,946	1.6
Ohio Edison Company	109,213	1.3
Potomac Electric Power Company	101,585	1.2
Illinois Power Company	101,410	1.2
Salt River Project	91,554	1.1
Cincinnati Gas & Electric Company	86,243	1.0
New England Power Company	79,186	0.9
Kansas City Power & Light Company	78,517	0.9
Kentucky Utilities Company	77,756	0.9
Kansas Power & Light Company	63,337	0.8
Associated Electric Cooperative Inc.	59,153	0.7
Niagara Mohawk Power Corporation	59,139	0.7
Total Top 20	2,684,283	31.8

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Source: Unpublished 1991 EPA, Acid Rain Division data and authors'

computations.