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**Installations of the AMS Acoustic Monitoring System
 on Power Boilers**

January 2007

NOTE: All Boilers are Coal Fired unless otherwise noted

USER	BOILER / FWH	# OF SENSORS	SHIP DATE
AMERICAN ELECTRIC POWER			
Rockport Plant Rockport, IN 47635	Unit #2, 1300MW, B&W, Supercritical, 3 FWH, 4 Condensers	35	Nov-00
	Unit #1, 1300MW, B&W, Supercritical, 3 FWH Expansion for 12 FWH	31 12	Apr-01 Aug-02
	Expansion for Drip Legs & Flash Tanks	6	Oct-02
Mountaineer Gen. Sta. New Haven, WV 25265	1300MW, B&W, Supercritical, 9 FWH, 1 Pump Expansion to Boiler	40 6	Oct-01 Apr-06
Conesville Plant Conesville, OH 43811	Unit #1, #2, 135MW, B&W, 1550psig Unit #3, 145 MW, Riley Stoker Unit #1 Expansion to Lower Dead Air Spaces Unit #2 Expansion to Lower Dead Air Spaces Unit #5, #6, 450MW, CE	8 4 4 4 48	Jun-02 Jun-02 Mar-05 Mar-05 Sep-05
Tanners Creek Plant Lawrenceburg, IN 47025	Unit #2, 150 MW, 1952 B&W, 2000psig Unit #4, 525MW, 1963 B&W, 3500psig, 2 FWH	10 31	Aug-02 Feb-03
Philip Sporn Plant New Haven, WV	Unit #1, #2, 150MW, B&W, 2050psig, 8 FWH, 4 Condensers Unit #3, #4, 150MW, B&W, 2050psig, 8 FWH, 4 Condensers Unit #5, 450MW, B&W, Supercritical, 6 FWH, 3 Condensers	48 48 36	Dec-02 Dec-02 Dec-02
Glen Lyn Generating Sta. Glen Lyn, VA 24093	Unit #6, 240MW, B&W, 2000psig	8	May-03

John E Amos Plant Saint Albans, WV 25177	Unit #3, 1300MW, B&W, Supercritical, 9 FWH	37	Nov-03
	Unit #2, 800MW, 4 FWH	4	Feb-04
	Unit #1, 800MW, 2 FWH	2	Jan-05
	Unit #1 Expansion to Boiler, 2 FWH	20	Mar-05
	Unit #2 Expansion to Boiler	18	Mar-05
	Unit #3 Expansion for Ammonia Tank Relief Valves	5	Aug-05
	Unit #1 Expansion	6	Dec-05
	Unit #2 Expansion	6	Dec-05
Gavin Generating Station Cheshire, OH 45620	Unit #1, 1300MW, B&W, Supercritical, 9 FWH	9	Dec-03
	Unit #2, 1300MW, B&W, Supercritical, 9 FWH	9	Apr-05
	Unit #1 Expansion to Boiler	30	Dec-05
	Unit #2 Expansion to Boiler	30	Dec-05
Clinch River Gen. Sta. Cleveland, VA 24225	Unit #1, 240MW	10	Apr-04
	Unit #2, 240MW	10	Apr-04
	Unit #3, 240MW	10	Jul-05
Kanawha River Plant Glasgow, WV 25086	Unit #1, 200MW	26	Dec-04
	Unit #2, 200MW, 6 FWH	32	Dec-04
	Unit #1 Expansion to 6 FWH	6	Dec-05
Big Sandy Louisa, KY 41230	Unit #1	34	Apr-04
	Unit #2, 800MW, 4 FWH	36	Jan-06
Pirkey Generating Station Hallsville, TX 75650	Unit #1, 700MW, B&W, 2950 psig, Lignite, 2 FWH	40	Sep-05
Welsh Generating Station Pittsburg, TX 75686	Unit #1, 550MW, B&W, 2 FWH	36	Dec-05
	Unit #2, 550MW, B&W, 2 FWH	36	Dec-05
	Unit #3, 550MW, B&W, 2 FWH	36	Dec-05
Flint Creek Power Plant Gentry, AR 72734	Unit #1, 550MW, B&W, 2 FWH	30	Apr-06
Oklaunion Power Plant Vernon, TX 76384	Unit #1, 720MW, 1986 FW, 2900 psig, PRB, 4 FWH	38	Dec-06
AES			
Greenidge Dresden, NY	Unit #1, 112 MW, CE, 1465psig	8	Oct-06

CITY PUBLIC SERVICE

J.T. Deely Station	Unit #3, 450MW, 1976 CE, 2 FWH	22	Feb-95
San Antonio, TX 78247	Unit #4, 450MW, 1976 CE, 2 FWH	22	Oct-95

CONNECTIV

Edge Moor Station	Unit #4, 167MW, 1964 CE, 1850psig, 3 HP FWH	15	Jun-95
Wilmington, DE	Unit #5, 425MW, B&W, 2 HP FWH, gas/oil fired	24	Mar-00
	Unit #3, 70MW, 1953 CE, 1500psig	26	Feb-03

DAYTON POWER & LIGHT

JM Stuart Generating Sta.	Unit #4, 650MW, B&W, Supercritical	18	Feb-04
Aberdeen, OH 45101	Unit #1, 650MW, B&W, Supercritical	18	Feb-04
	Unit #2, 650MW, B&W, Supercritical	18	Oct-04
	Expansion to Start-up Valves	4	Oct-04
	Expansion to Start-up Valves	6	Nov-04
	Unit #3, 650MW, B&W, Supercritical, 2 Start-up Valves	20	Mar-05
Killen Station	Unit #2, 650MW, 1982 B&W, 2400psig, 3 FWH	26	Sep-06
Manchester, OH			

DUKE ENERGY

Kodak Plant	Unit #42, 25MW, B&W, 1425psig, Cyclone Furnace	12	Feb-07
Rochester, NY 14652	Unit #43, 25MW, B&W, 1425psig, Cyclone Furnace	12	Feb-07

DYNEGY MIDWEST GENERATION

Havana Power Station	Unit #6, 450MW, B&W, 1890psig	24	Mar-01
Havana, IL 62644			
Baldwin Energy Complex	Unit #1, 600MW, B&W, 2620psig	24	Feb-01
Baldwin, IL 60017	Unit #2, 600MW, B&W, 2620psig	24	Mar-01
	Unit #3, 600MW, CE, 2620psig	24	May-01
Hennepin Power Station	Unit #2, 215MW, CE Twin Furnace, 2075psig	40	May-01
Hennepin, IL 61327-9737	Unit #1, 74MW, CE, 1500psig	20	Mar-02
Wood River Gen. Sta.	Unit #5, 356MW, CE, 2525psig	24	Jun-01
Alton, IL 62002	Unit #4, 96MW, CE, 1670psig	24	Jan-02

Vermilion Power Station	Unit #1, 73.5MW, CE tangent tube, 1650psig	20	Oct-01
	Unit #2, 102MW, CE, 1650psig	20	Nov-01
<i>DYNEGY NORTHEAST GENERATION</i>			
Roseton Plant	6 HP Feedwater Heaters	6	Oct-91
Newburgh, NY 12550	Expansion for Exhaust Fans	2	Mar-98
	Unit #1, #2, 600MW, 1968 CE, 2600psig, 4 FWH gas/oil fired	44	May-02
Danskammer Plant	Unit #3, 135MW, 1957 CE, 3 FWH, Air Heater	29	Jun-02
Newburgh, NY 12550	Unit #4, 235 MW, 1963 CE, 2 FWH, Air Heater	26	Jun-02
<i>EAST KENTUCKY</i>			
Spurlock Power Station	Unit #1, 300MW, 1977 B&W, 3 FWH	29	Jun-04
Maysville, KY 41056	Unit #2, 500MW, CE, Balanced Draft, 3 FWH	31	Aug-04
	Unit #3, 390MW, 2004 Alstom CFB, 8 FBHE, 8 FBAC, 3 FWH	35	Nov-04
<i>ELECTRIC ENERGY, INC</i>			
Joppa Generating Station	Unit #3, 180MW, 1953 CE, 2000psig	16	Jan-07
Joppa, IL 62953			
<i>FOSTER WHEELER ENERGY CORP</i>			
Hanfeng Power	Unit #1, 660MW	32	Jan-99
Hanfeng, China	Unit #2, 660MW	32	Sep-99
<i>GREAT RIVER ENERGY</i>			
Coal Creek Gen. Station	Unit #1, 565MW, 1979 CE	40	Feb-05
Underwood, ND 58576	Unit #2, 565MW, 1979 CE	40	Jan-07
<i>HONGKONG ELECTRIC CO.</i>			
Lamma Island Power Sta.	Unit #1, #2, #3, #5, #6, 350MW, Mitsubishi	94	Jan-97
Lamma Island, HongKong	Unit #7, #8, 350MW, Mitsubishi	40	Nov-97
	Expansion for 25 FWH	25	Dec-97
	Unit #4, 350MW, Mitsubishi	20	Dec-98
	Units 1 – 8 Expansion	10	May-05

MID AMERICAN ENERGY CO.

Neal Station North	Unit #1, 135MW, B&W, 2200psig	2	Feb-98
Sergeant Bluff, IA 51054	Unit #2, 300MW, Foster Wheeler, 2875psig	8	Feb-98
	Unit #3, 500MW, Foster Wheeler, 2900psig	8	Feb-98
	Expansion for Unit #1	32	Jan-04
	Neal Station South	Unit #4, 640MW, 1978 Foster Wheeler, 2900psig	8
Sergeant Bluff, IA 51054			
Louisa Generating Station	Unit #1, 740MW, B&W, 2700psig	18	Aug-00
Muscatine, IA 52761			
Council Bluffs Energy Ctr.	Unit #3, B&W, 2400psig	18	Dec-00
Council Bluffs, IA 51501	Expansion for Condenser	12	Nov-02
	Unit #2, 180MW, 1960 CE	13	Mar-05
	Unit #4, 790MW, 2007 BHK, Supercritical	30	Oct-05
	Unit #1, 45MW, B&W, 1300psig	6	Jan-06

MIDWEST GENERATION

Homer City Station	17 HP Feedwater Heaters	17	Dec-91
Homer City, PA 15748			

MIRANT

Morgantown Gen. Station	Unit #1, #2, 600MW, CE, 3800psig	24	Feb-98
	Expansion, including 9 FWH	25	Apr-01
	Expansion to Boilers	16	Dec-07
Chalk Point Gen. Station	Unit #1, #2, 355MW, B&W, 3600psig, 12 FWH	48	Jun-00
	Expansion	12	Sep-01
	Unit #3, #4, 640MW, CE Twin Furnace	20	Jun-00
Aquasco, MD			

NORTHERN INDIANA PUBLIC SERVICE CO.

Schahfer Generating Sta.	Unit #15, 460MW, 1976 Foster Wheeler, 2900psig	18	Mar-00
	Unit #14	20	Feb-04
	Unit #17, #18, 340MW, CE	40	Sep-04
Wheatfield, IN 46392			
Bailly Generating Station	Unit #8, 300MW, B&W, Cyclone, Balanced Draft,	25	Jan-04
Chesterton, IN 46304	2 FWH		
Mich. City Gen. Station	Unit #12, 680MW	22	May-04
Michigan City, IN 46360			

PACIFICORP

Huntington Plant	Unit #2, 470MW, CE Radiant Reheat	34	Mar-06
Huntington, UT 84528			

PECO ENERGY

Eddystone Station	2 HP Feedwater Heaters	2	Dec-91
Eddystone, PA 19013	Coal Flow Monitoring	8	Dec-91

PENNSYLVANIA POWER & LIGHT

Brunner Island SES	Unit #3, 750MW, CE, 3600psig	12	Dec-92
York Haven, PA 17370			
Montour SES	Unit #1, 750MW, CE, 3600psig	12	Dec-92
Washingtonville, PA	Unit #2, 750MW, CE, 3600psig	12	Dec-92
	Expansion	6	Jan-02
	Expansion	6	Oct-02
PP&L Montana	Unit #4, CE Dual Furnace	6	Dec-97
Colstrip, MT 59323	Unit #1, Unit #2, Unit #3	18	Nov-98
	System for 6 FWH	6	Dec-98

PROGRESS ENERGY - CAROLINA POWER & LIGHT

Roxboro Station	Unit #2, 685MW, 1969 CE, 2525psig	22	Oct-93
Roxboro, NC 27573	Unit #1, 390MW, 1963	24	Jan-95
	Unit #3, 710MW, 1973	40	Jan-95
	Unit #4, 710MW, 1978	40	Jan-95
	4 HP FWH per Unit	16	Jan-95
Mayo Plant	A Boiler and B Boiler, 750MW, 1982 FW, 2580psig	24	Apr-97
Roxboro, NC 27573		24	Apr-97
Cape Fear Station	Unit#6, 165MW, 1957 CE, 2100psig, seal welded	24	Aug-97
Moncure, NC 27559			
Sutton Station	Unit #1, Riley Stoker, 2900psig	21	Aug-97
Raleigh, NC 27602	Unit #2, #3, Riley Stoker, 2900psig	44	Jul-99
Asheville Station	Unit #1, 200MW, Riley Stoker	23	May-98
Arden, NC 28704	Unit #2, 200MW, B&W Radiant Boiler	24	May-98

Lee Station Goldsboro, NC	Unit #3, 250MW, 1962 Riley Stoker, 2725psig, Tangent Tube	22	Aug-98
Robinson Station Hartsville, NC	Unit #1, 170MW, CE, 1800psig	22	May-99
<i>PROGRESS ENERGY – FLORIDA POWER CORP</i>			
Crystal River Units 1&2 Crystal River, FL 34428	Unit #1, 410MW, 1965 CE, 2500psig	20	Feb-04
	Unit #2, 500MW, CE	24	Aug-06
<i>RELIANT ENERGY</i>			
Limestone Station Jewett, TX 75846	Unit #2, 825MW, CE, 2525psig	28	Sep-93
	Unit #1, 825MW, CE, 2525psig	28	Jul-94
	System Upgrade – Units 1 & 2		Jan-04
Conemaugh Station New Florence, PA 15944	Unit #1, #2, 900MW, CE, 3600psig	4	Feb-92
	Expansion	4	Dec-93
	Expansion	8	Dec-94
	Expansion for FWH	12	Jun-98
	Expansion	8	Jan-98
	Expansion for BT/BTB Valves	20	Jun-99
Keystone Station Shelocta, PA 15774	Unit #1, 900MW, CE, 8 FWH	32	Aug-01
	Unit #2, 900MW, CE, 8 FWH	32	Feb-02
Seward Station New Florence, PA 15774	Unit #1, #2, 1040MW Combined Generator, 2004 Alstom CFB, 16 FBHE, 16 FBAC	64	Sep-05
Niles Station Niles, OH 44446	Unit 1, 110 MW, B&W, 1485psig	4	Nov-06
	Unit 2, 110 MW, B&W, 1485psig	4	Nov-06
<i>SOUTH CAROLINA ELECTRIC & GAS</i>			
Wateree Gen. Station Eastover, SC 29044	Unit #1	2	May-03
	Unit #2	2	Oct-03
<i>SIERRA PACIFIC</i>			
North Valmy Gen. Station Valmy, NV 89438	Unit #1, 250MW, 1979 CE, 2925psig	22	Nov-04
	Unit #2, 250MW, 1981 FW, 2900psig	30	Nov-04

TAMPA ELECTRIC CO .

Gannon Station	Unit#6, 400MW, Riley Stoker, 2400psig	8	Mar-92
Apollo Beach, FL 33572	Unit#5, 260MW, Riley Stoker, 1890psig	24	Oct-97
	Unit#1, 400MW, Riley Stoker, 2400psig	4	Jun-01
Big Bend Station	Unit #1, #2, #3, 460MW, Riley Stoker, 2500psig	20	Sep-93
Apollo Beach, FL 33572	Unit #4, 475MW, CE, 2500psig	68	Jul-94

TENNESSEE VALLEY AUTHORITY

Bull Run Fossil Plant	900MW, CE Split Twin Furnace, 3600 psig	56	Apr-03
Clinton, TN 37716			

TEXAS UTILITIES ELECTRIC CO

Martin Lake Station	Unit #1, #2, #3, 800MW, CE Lignite, 3600psig	78	Jul-93
SW of Tatum, TX 75691	12 Feedwater Heaters	12	Jul-93
	Upgrade to System Hardware and Software - Unit #3		Dec-04
	Upgrade to System Hardware and Software - Unit #1		Feb-06
	Upgrade to System Hardware and Software - Unit #2		Jan-07
Monticello Station	Unit #1, 600MW, CE	19	Jan-97
SW of Mt. Pleasant, TX	Unit #2, 600MW, CE	19	Feb-98
	Unit #3, 800MW, CE	24	
	16 FWH	16	
	Upgrade to System Hardware & Software – Unit #3		May-04
	Upgrade to System Hardware & Software - Unit #1, #2		Mar-06
Sandow Station	Unit #1, 600MW, CE Lignite, 6 FWH	44	Sep-05
Rockdale, TX 76567			
Big Brown	Unit #2, 600MW, CE, 3825psi, 2 FWH	31	May-06
Fairfield, TX			

TUCSON ELECTRIC POWER CO

Springerville Station	Unit #1, 423MW, 1985 CE, 2495psig	8	Jul-03
Springerville, AR 85938	Unit #2, 423MW	8	Feb-05

