1948 Listing of Typical Central-Station and Municipal Power-Plant Installations cont'd

For Notes on Uses and Limitations of this Tabulation • See page 122

Compiled by B G A Streatfeild, Associate Editor

Company	Location	Plant Name	Consulting Engineers	First Operation, New Units	Nominal Pressure, psi	Nominal Steam Temperature, F	Boilers: Number	Boilers: Capacity, Each 1000 lb per hr	Boilers: Manufacturer	Boilers: Superheater Surface, 1000 sq ft	Boilers: Boiler, Waterwall Surface, 1000 sq ft	Furnace Volume, 1000 cu ft	Furnace Heat Release, Btu per cu ft per hr	Air-Heater Surface, 1000 sq ft	Air-Heater Type	F-D Fans: Drive	F-D Fans: Air-Volume Control	I-D Fans: Drive	I-D Fans: Gas-Volume Control	Firing	Fuel: Type	Fuel: Heating Value, 1000 Btu per lb	Fuel: Ash-Fusion Temperature, F	Feed Pumps: Drive	Feed Pumps: Flow Control	Turbines: Capacity, 1000 kw	Turbines: Speed, rpm	Turbines: Manufacturer	Turbines: Back pressure, psi	Turbines: No. of Bleed Points	Generator Cooling	Condensers: Surface, 1000 sq ft	Condensers: No. Water Passes	Condensers: Tube Material	Total Boiler Capacity Incl New Units, 1000 lb	Total Generator Capacity Incl New Units, 1000 kw
Houston Lighting & Power Co.	Houston, Texas	Greens Bayou	Ebasco Services	6-49	900	900	1	675	RS	....	31.6	30.0	Tu	M	V	M	D	G	G	10181[5]	....	3M, IT	....	60	3600	WE	1.75	4	H	60	2	AsCu	675	66
				6-49	900	900	1	675	RS	....	31.6	30.0	Tu	M	V	M	D	G	G	10181[5]	....	3M, IT	....	60	3600	WE	1.75	4	H	60	2	AsCu	1350	135
Jersey Central Power & Light Co.	Bayreville, N. J.	Raritan River	Burns & Roe	9-49	900	900	1	400	BW	....	....	14.0	Re	M	D, V	M	Ma	P	C	14.0	2550	3M	Hy	25	3600	GE	300	0	H	25	2	Mu	1340	105
Kentucky Utilities Co.	Tyrone, Ky.	Tyrone	Sargent & Lundy	7-48	900	900	2	150	BW	6.3	13.3	10.1	Tu	M	D	M	Hy	P	C	12.0	2300	1M	R	25	3600	WE	0.5	4	H	25	2	Mu	600	50
Georgia Power Co.	Harryat, Ga.	Atkinson	Commonwealth & South.	10-48	900	900	1	600	CE	....	27.5	33.5	Tu	M	....	....	....	P	C&O	13.1	....	....	....	60	3600	GE	1.0	4	H	....	....	....	2700	240
Bd Water & Elec Light Comm.	Lansing, Mich.	Ottawa St.	Burns & Roe	2-49	900	900	3	275	BW	13.2	....	13.7	Re	M	Hy	M	Hy	P	C	13.8	2400	4M	R	23[14]	3600	AC	0.5	4	H	23.5	1	Ad	1275	75
Public Svc Co of Colorado	Denver, Colorado	Lacombe	Electric Advisors	1948	900	850	1	350	BW	13.3	16.5	17.7	Tu	M	V	M	V	P, O, G	G, O	9.4	2100	2M, 4MT	R	35	3600	GE	0.6	7	H	25.0	2	PAd	615	47.5
							1	150	BW	2.0	6.7	5.1	Tu	M	V	M	V	O, G	G, O	8501[4]	....	....	....											
Public Service Co of N. H.	Portsmouth, N. H.	Resistance[17]	A A Winters	11-47[16]	900	900	2	170	BW	....	....	....	....	....	....	....	....	O	O	....	....	....	....	30	3600	GE	.75	4	A	....	....	....	340	30
Georgia Power Co.	Artwright, Ga.	Artwright	Comm & Southern	10-48	900	860	1	400	BW	....	9.8	12.5	Re	M	V	M	S	P, G	G, O	13.1	2200	2M	S	43.8	3600	GE	1.0	4	H	31.5	2	Ad	1600	175
600 PSI TO 899 PSI																																				
Rockland Light & Power Co.	Tomkins Cove, N. Y.	Hudson	Burns & Roe	12-48	680	900	1	200	BW	7.6	17.7	14.5	Tu	M	D	M	Hy	P	C	13.4	3050	2M	....	22	3600	GE	0.5	5	H	17.5	1	Ad	220	22
Braddock Light & Power Co., Inc.	Alexandria, Va.	Station C	Stone & Webster	6-49	815	915	1	800	CE	29.3	20.0	36.0	Tu	M	V	M	Ma	P	C	13.5	2450	3M	R	80	1800	GE	0.5	5	H	73	2	Ad	800	80
				6-50	875	915	1	800	CE	29.3	20.0	36.0	Tu	M	V	M	Ma	P	C	13.5	2450	3M	R	80	1800	GE	0.5	5	H	73	2	Ad	1600	160
City of Burbank	Burbank, Calif.	Burbank	C A Heinse	7-49	875	900	1	315	CE	5.9	17.1	8.8	Re	M	B, V	M	D, V	O, G	O, G	11001[9]	....	2M	R	20	3600	AC	.75	4	H	18	2	AnAd	345	40
Virginia Electric & Power Co.	Wheatwright, Va.	Chesterfield	Stone & Webster	10-49	875	900	1	650	CE	17.3	26.4	40.5	Re	M[10]	D, V	M[10]	D, V	P	C	13.6	2400	3M, IT	R	60	3600	GE	.75	4	H	45	1	AAd	1175	110
Virginia Electric & Power Co.	Possum Point, Va.	Possum Point	Stone & Webster	12-48	875	900	1	650	CE	17.5	26.4	40.5	Re	M	D, V	M	D, V	P	C	13.6	2400	3M, IT	R	60	3600	WE	0.75	4	H	50	2	AAd	650	60
	Uneasville, Conn.	Montville	United Engr & Const.	3-48	850	950	1	300	CE	10.5	25.5	17.0	Re	M	V	M	Hy	P	C	13.5	2400	2M	R	31.25	3600	GE	0.5	5	H	34	2	AlBr	690	70
				1-49	850	950	1	300	CE	10.5	25.5	17.0	Re	M	V	M	Hy	P	C	13.5	2400	2M	R	31.25	3600	GE	0.5	5	H	34	2	AlBr	990	101
Connecticut Light & Power Co.	Devoe, Conn.	Devoe	United Engr & Const.	5-47	850	925	2	125	CE	8.5	20.6	12.6	Re	M	V	M	Hy	P	C	12.0	2250	2M	R	45	3600	WE	1.0	4	H	30	2	AlBr	2025	165
Alabama Power Co.	Gadsden, Ala.	Gadsden	Comm & Southern	3-49	850	900	1	600	CE	15.7	28.4	....	Re	M	Hy	M	Hy	P	C	12.0	2250	2M	R	60	3600	GE	1.0	4	H	47.0	2	Ad	600	60
				2-49	850	900	1	600	CE	15.7	28.4	....	Re	M	Hy	M	Hy	P	C	12.0	2250	2M	R	60	3600	WE	1.0	4	H	47.0	2	Ad	1200	120
Mississippi Power Co.	Hattiesburg, Miss.	Eaton	Comm & Southern	7-47	850	900	1	230	RS	7.4	19.6	13.4	Tu	Mp	V	Mp	V	O, G	O, G	10001[11]	....	2M	R	22.5	3600	GE	1.0	3	H	20.3	2	Ad	460	45
				8-49	850	900	1	230	RS	7.4	19.6	13.4	Tu	Mp	V	Mp	V	O, G	O, G	10001[11]	....	2M	R	22.5	3600	WE	1.0	3	H	20.3	2	Ad	690	67.5
Public Serv Co of Indiana	Noblesville, Ind.	Noblesville	Sargent & Lundy	6-50	850	950	1	300	RS	11.8	28.5	18.7	Re	M	V	M	V	P	C	11.0	3100	3M, IT	R	40[14]	3600	WE	0.75	4	H	40	2	AAd	900	80
Empire District Elec Co of Kan.	Riverton, Kan.	Riverton	Black & Veatch	1-50	850	900	1	300	FW	11.8	18.7	23.0	Re	2M	V	2M	D, Hy	P, O, G	C, O, G	11.8	2040	1M, IT	R	30.0	3600	WE	.56	4	H	33.5	2	Ad	1335	100
Kentucky Utilities Co.	Green River, Ky.	Green River	Sargent & Lundy	10-49	875	910	1	215	DW	7.1	15.8	14.7	Tu	M	D	M	Hy	P	O	11.0	2200	2M, IT	R	30.0[14]	3600	WE	.56	4	H	27.5	2	....	645	60
Florida Power Corp.	Enterprise, Fla.	Geo E Turner	J G White Engrg Corp.	3-48	860	900	1	300	BW	....	20.9	21.9	Tu	M	V	M	H	O	O	18.4	....	3M	R	25.0	3600	WE	1.0	4	H	25.0	1	Ad	450	37.5
Florida Power Corp.	Inglis, Fla.	Inglis	J G White Engrg Corp.	6-47	860	900	1	300	BW	....	20.9	21.9	Tu	M	V	M	D	O	O	18.4	....	3M	R	25	3600	GE	1.0	4	H	23.0	1	....	700	50
Central Illinois Light Co.	East Peoria, Ill.	R S Wallace	Comm & Southern	1-49	850	900	2	300	RS	40.3	21.0	....	Tu	M	Hy	M	Hy	P	C	9.8	1900	2M	....	55	3600	WE	0.5	4	H	....	2	PAd	1790	141.4
Central Illinois Pub Serv Co.	Meredosia, Ill.	Meredosia	Sargent & Lundy	4-48	850	900	2	285	CE	11.6	19.2	20.3	Tu	M	Ma	M	Ma	P	C	9.8	2000	2M, IT	R	50	3600	GE	0.5	4	H	45	1	AsCu[24]	1570	50
				10-48	850	900	2	285	CE	11.6	19.2	20.3	Tu	M	Ma	M	Ma	P	C	9.8	2000	2M	R	50	3600	GE	0.5	4	H	45	1	AsCu[24]	1140	100
Central Power and Light Co.	Corpus Christi, Tex.	Nueces Bay	Sargent & Lundy	3-49	850	900	1	300	BW	7.3	64.5	43.4	Tu	M	V	M	V	O	G	10501[9]	....	1M, IT	R	30	3600	WE	.75	4	H	27.5	2	AAlBr	....	75
Cons Gas, Elec Lt & Pwr Co, Balt.	Baltimore, Md.	Westport	....	1-50	850	900	1	610	BW	21.5	15.1	30.3	Re	M	V	M	S, D	P	C	12.0	1350	1M	S	60	3600	GE	0.5	5	H	55	2	AlBr	3936	307.5
Dairyland Power Cooperative	Alma, Wis.	Alma	Vera H Alden	9-47	850	825	1	190	BW	....	14.0	....	Tu	M	Hy	M	Hy	P	C	11.0	2100	3M	R	30	3600	GE	0.5	4	H	12	2	....	380	30
Ohio Public Service Co.	Shadyside, Ohio	R H Burger	Chester Adams	6-50	850	950	2	500	BW	23.9	37.7	24.3	Tu	Mp	V	Mp	V	P	C	12.4	1900	4MT	R	100	3600	WE	0.75	6	H	70.0	2	....	3400	250
N Y State Elec & Gas Corp.	Dresden, N. Y.	Greenridge	Gilbert Assoc.	6-50	850	910	2	288	BW	13.6	21.2	17.4	Re	M	V	Mp	V	P	C	13.2	2000	1M, IT, 1MT	R	40	3600	GE	0.5	4	H	32.5	2	Ads	600	80
Arkansas-Missouri Power Co.	Campbell, Mo.	Jim Hill	Kennedy Services	9-49	850	900	1	350	CE	18.9	18.9	18.2	Tu	M	....	....	....	O, G	O, G	....	....	....	....	30	3600	GE	.75	3	....	....	....	....	350	30
Union Electric Power Co.	Venice, Ill.	Venice No. 2	Stone & Webster	7-50	850	900	1	900	BW	29.2	39.0	83.8	Re	M	Hy	M	Hy	P	C	11.0	1900	2M	R	80	1800	GE	0.7	4	H	73.0	2	Ad	3080	320
				1-51	850	900	1	900	BW	29.2	39.0	83.8	Re	M	Hy	M	Hy	P	C	11.0	1900	2M	R	80	3600	WE	0.7	4	H	75.0	2	Ad	3980	400
Mississippi Power & Light Co.	Nr Jackson, Miss.	Rex Brown	Ebasco Services	6-48	850	900	1	350	CE	9.0	14.4	13.7	Tu	M	D	M	D, V	O	O	10001[9]	....	2M, IT	R	30	3600	GE	1.12	4	H	27.5	2	....	350	30
New Bedford Gas & Edison Lt Co.	New Bedford, Mass.	Cannon Street	Gilbert Assoc.	1950	850	900	1	300	CE	10.5	31.6	22.2	Tu	M	V	M	V	P	C, O	12.4[20]	1900	1M, 1MT	R	30	3600	WE	0.75	4	H	25.0	2	AlBr	1125	137.5
Kansas Gas & Electric Co.	Wichita, Kan.	Ripley	Ebasco Services	5-50	850	900	1	350	CE	....	29.7	30.4	Re	M	D, V	M	D	O, G	C, O	10151[9]	....	2M	....	30	3600	WE	0.75	4	H	30.0	2	AsCu	900	70
The Hartford Electric Light Co.	Hartford, Conn.	South Meadow	Stone & Webster	1949	850	900	1	425	BW	....	28.2	30.4	Re	M	D, Hy	M	D, Hy	P	C	13.6	2150	2M, IT	R	43	3600	GE	0.75	5	H	36.0	2	Ad	2300	230
Illinois Power Company	Havana, Ill.	Havana	Sargent & Lundy	1947	850	900	1	285	CE	12.5	19.0	20.0	Tu	M	D, Hy	M	D, Hy	P	C	10.5	1900	3M, IT	R	40[14]	3600	WE	0.5	4	H	30.0	1	AsCu	855	80
Indianapolis Power & Light Co.	Nr Martinsville, Ind.	White River	Gibbs & Hill	5-50	850	900	1	400	CE	14.0	26.0	21.3	Tu	M	V	M	V	P	C	11.0	1970	2M, 1MT	R	40	3600	GE	0.75	5	H	30.0	2	AAd	800	80
Interstate Power Company	Lansing, Ill.	Lansing	Sargent & Lundy	8-48	850	900	1	150	RS	....	13.4	8.0	Tu	M	V	M	Hy	P	C	10.5	2050	1M, IT	R	15	3600	AC	0.5	4	H	15.0	2	PAd	240	15
Iowa-Illinois Gas & Elec Co.	Davenport, Iowa	Riverside	United Lt & Rwy Serv Co.	6-49	850	900	2	250	RS	9.5	14.5	17.5	Re	M	V	M	Hy	P, G	C, O, G	10.0	1950	2M	....	49	3600	GE	0.75	5	H	37.5	2	PAd	1660	109.7
																								3	3600	WE	0.75	1	A	5.5	1	PAd	1660	114.7
Iowa Public Service Co.	Waterloo, Iowa	Maynard	J F Pritchard	6-50	850	900	1	200	....	5.0	17.5	10.8	Tu	M	D, V	M	D	88(425)	C	10.5	1900	1M, IT	R, R	20	3600	GE	0.75	4	H	18.0	2	Ad	715	60
				7-47	425	825	1	120	RH	....	11.6	6.0	Tu	M	D, V	M	D	88(291)	C	10.5	1900	1M, IT	R, R	10	3600	GE	0.75	4	A	10	1	Ad	515	40
City of Jacksonville	Jacksonville, Fla.	No. 2	Reynolds, Smith & Hills	1951	850	900	1	300	BW	....	20.6	....	Tu	Mp	V	Mp	D	O	O	18.4	....	2M	R	30	3600	WE	0.75	4	H	27.5	1	AlBr	300	30
				1951	850	900	1	300	BW	....	20.6	....	Tu	Mp	V	Mp	D	O	O	18.4	....	2M	R	30	3600	WE	0.75	4	H	27.5	1	AlBr	600	60
City of Lakeland	Lakeland, Fla.	Lakeland	Charles Larsen	5-49	850	900	1	200	BW	3.7	14.4	8.4	Tu	M	V	M	V	O	O	18.6	....	2M, IT	R	20	3600	AC	1.0	4	H	32.5	2	Ad	330	35
				10-47	850	900	1	600	FW	20.8	30.5	47.1	Re	M	Ma	M	Ma	P	C	10.2	1900	3M	....	60	3600	WE	0.75	5	H	55.0	2	Ad	1165	120
Louisville Gas & Electric Co.	Louisville, Ky.	Paddy's Run	Pioneer Serv & Eng Co.	1-50	850	900	1	640	FW	20.8	30.5	47.1	Re	M	Ma	M	Ma	P	C	10.2	1900	3M	....	60	3600	GE	0.75	5	H	55.0	2	Ad	1905	180
				10-50	850	900	1	640	FW	20.8	30.5	47.1	Re	M	Ma	M	Ma	P	C	10.2	1900	3M	....	60	3600	WE	0.75	5	H	55.0	2	Ad	2545	240
Metropolitan Edison Co.	Middletown, Pa.	Crawford	Gilbert Associates	12-47	850	900	2	250	FW	7.2	64.5	15.6	Re	M	V	Mp	V	P	C	13.0	2100	2M, 1MT	R	35	3600	GE	0.5	4	H	34.0	1	Ad	....	....
																								3	3600	GE	350	....	A	....	....	....	....	115.5
Northern Virginia Power Co.	Riverton, Va.	Riverton	Sanderson & Porter	12-49	850	900	1	150	RS	....	26.0	21.2	Tu	M	V	M	D	P	O	13.00	2000	2M	R	30	3600	GE	0.75	4	H	27.5	2	Ad	350	30
Orlando Utilities Comm.	Orlando, Fla.	Orlando	Robert & Co.	2-49	850	900	2	150	BW	5.9	13.9	9.4	Tu	M	V	M	V	O	O	18.5	....	2M, IT	R	25	3600	GE	1.0	4	H	30.0	2	Ad	585	45
City of Pasadena	Pasadena, Calif.	Pasadena	O H Hedrich	3-49	850	900	2	150	CE	6.1	13.6	11.5	Re	Mp	V	Mp	V	O, G	O, G	11001[9]	....	3M	R	35	3600	AC	1.0	4	H	25.0	2	AsCu	1300	75
San Diego Gas & Electric Co.	San Diego, Calif.	Silver Gate	Pioneer Serv & Eng Co.	3-48	850	900	3	300	BW	8.6	21.3	12.0	Tu	M	V	M	D, Hy	O, G	O, G	10061[9]	....	3M	R	50	3600	GE	0.75	4	H	40.7	2	AlBr	1000	85
Pennsylvania Electric Co.	Warren, Pa.	Warren	Gilbert Assoc.	7-48	850	900	4	185	EC	5.6	17.9	13.0	Tu	M	V	Mp	V	P	C	12.5	2600	2M, 1MT	R	35	3600	WE	0.5	4	H	30.0	3	Ad	750	70
Southern California Edison Co.	Redondo, Calif.	Redondo	Stone & Webster	2-48	850	900	2	400	BW	14.7	7.7	13.9	Re	M	D, V	M	D, V	O, G	O, G	18.5	....	3M, IT	R	60	3600	WE	0.75	4	H	42.5	2	AlBr	800	60
				2-48	850	900	2	400	BW	14.7	7.7	13.9	Re	M	D, V	M	D, V	O, G	O, G	18.5	....	3M	R	60	3600	GE	0.75	4	H	42.5	2	AlBr	1600	120
South Carolina Power Co.	Charleston, S. C.	Hagood	Comm & Southern	11-47	850	900	1	150	RS	7.4	11.7	13.4	Tu	Mp	V	Mp	V	O	O	10001[9]	....	2M	R	22.5	3600	GE	1.0	3	H	20.4	2	....	230	22.5
Southwestern Gas & Electric Co.	Longview, Tex.	Knox Lee	Sargent & Lundy	3-50	850	900	1	325	BW	....	....	....	Tu	M	V	M	V	O	G	10001[9]	....	1M, IT	R	35	3600	WE	1.0	4	H	25.0	1	....	325	35
Southwestern Public Service Co.	Borger, Texas	Riverview	....	5-48	850	900	1	330	RS	....	17.4	14.0	Tu	M	D, V	Mp	D, V	O	G	9351[9]	....	1M, IT	....	30	3600	WE	1.25	4	H	32.5	1	AAd	865	69
Staten Island Edison Corp.	Travis, S. I., N. Y.	Arthur Kill	George Fries	10-47	850	900	2	120	FW	4.4	12.9	7.6	Tu	M	V	Mp	V	P	C	13.5	2600	1M, 1MT	R	25	3600	WE	0.5	4	H	18.9	1	AlBr	240	25.5
Utah Power & Light Co.	Carybunt, Utah	Orem	Ebasco Services	4-50	850	900	1	450	RS	12.0	44.0	33.0	Tu	M	V	M	V	P	C	12.9	1950	2M, IT	R	40	3600	WE	0.75	4	H	35.0	2	AnAd	450	50
Wisconsin Power & Light Co.	Beloit, Wis.	Blackhawk	Sargent & Lundy	3-50	850	900	1	275	BW	9.5	18.1	21.3	Tu	M	V	M	V	P	C	11.5	....	1M	R	25	3600	GE	0.5	4	H	25.0	2	....	550	50
Minnesota Power & Light Co.	Duluth, Minn.	Duluth	Ebasco Services	5-49	850	900	1	350	EC	8.8	26.1	21.3	Tu	M	D	M	D	P	C	13.4	2400	1M, IT	R	30	3600	WE	1.0	5	H	20.0	1	Ad	975	85
Dallas Power & Light Co.	Dallas, Texas	Mt. Creek	Ebasco Services	3-49	850	900	1	450	BW	14.3	23.0	....	Re	M	V	M	V	O	G	10001[9]	....	1M	R	60	3600	GE	1.5	3	H	....	1	AsCu	1045	116.25
				3-49	850	900	1	150	BW	7.2	14.2	....	Re	M	V	M	V	O	G	10001[9]	....	1T	R											
				5-51	850	900	1	675	CE	....	....	....	Tu	M	V	Mp	V	O	O, O	10001[9]	....	2M	R	60	3600	WE	1.5	3	H	....	1	Cu	1945	142.5
Worcester County Electric Co.	Worcester, Mass.	Webster Street	United Eng & Const.	1950	850	900	1	325	RS	11.2	33.1	20.8	Tu	....	....	....	....	P	C	....	....	....	....	30	3600	WE	0.75	5	H	....	....	....	....	78.0
Southern Indiana Gas & Elect Co.	Evansville, Ind.	Ohio River	Comm & Southern	1950	825	900	2	250	BW	7.7	23.5	15.7	Tu	Mp	V	Mp	D	P	C	10.0	2000	1M	R	20	3600	AC	0.5	0	H	16.5	2	Ad	1510	92.5
600 PSI TO 799 PSI																																				
Central Illinois Elect & Gas Co.	Rockford, Ill.	Fordam	Stone & Webster	8-47	725	850	2	190	FW	3.9	16.1	10.4	Tu	M	D	M	Ma	SS(426.2)	C	10.6	1950	2M, IT	....	20[14]	3600	AC	0.75	3	A	17.4	2	Ad	1055	73
Sioux City Gas & Electric Co.	Sioux City, Iowa	Kirk	J F Pritchard	1-47	675	750	1	80	FW	1.4	7.9	3.5	Tu	M	V	M	S, D	SS(166)	C, O, G	11.8	2070	1M	....	7.5	3600	WE	1.0	3	A	7.6	2	PAd	300	16

A —Air cooled
AAlBr —Arsenical aluminum-brass
AAd —Arsenical admiralty
AlB —Aluminum-bronze
AlBr —Aluminum-brass
Au —Alite-Chalmers Mfg Co
Ad —Admiralty
AAd —Admiralty, stabilized
AnAd —Antimony-admiralty
AsCu —Arsenical copper
B&R —Burns and Roe
BW —Babcock & Wilcox Co
C —Coal, bituminous
CA —Coal, anthracite
CB —Coke breeze
CE —Combustion Engineering Co
CuNi —Cupro-nickel
Cu —Copper
DL —DeLaval Steam Turbine Co
D —Damper
DB —Dry bottom
EC —Erie City Iron Works
EI —Elliott Co
EM —Edge Moor Iron Works
FW —Foster Wheeler Corp
G —Natural gas
GE —General Electric Co
GT —Gas tar
H —Hydrogen cooled
Hy —Hydraulic coupling
L —Ligalite
M —Motor drive
Ma —Magnetic coupling
MI —Murray Iron Works Co
Mp —Two motors per fan
MT —Motor and turbine drive
Mu —Monta metal
O —Oil
P —Pulverized-fuel firing
PAd —Phosphorized admiralty
Pl —Plate
R —Regulator
RB —Red brass
Rs —Regenerative
RS —Riley Stoker Corp
S —Speed control
SH&G —Smith, Hinchman & Grylls
SS —Spreader stoker
ST —Slag tap
Su —Superley
T —Turbine drive
TG —Traveling-grate stoker

1—Tubular
2—Underfed stoker
3—Unit Iron Works
4—Gas control
5—Easy Vent Machine Co
6—Wales Dollar Co
7—Westinghouse Electric Corp
8—Worthington Pump & Mach Corp
9—Stoker grate area, sq ft
10—Heat to 1000 F
11—Heat to 1000 F
12—Heat per boiler
13—12,000 to 14,000 Btu per lb
14—2000 to 2900 F
15—Fired at 400 psi
16—Heat to 1000 F
17—One bleed point for induction steam
18—12,000 to 13,900 Btu per lb
19—Gas, 1015 Btu per cu ft
20—Reheater surface, 9500 sq ft
21—40,000-kw rating, 75,000-kw max
22—Btu per cu ft
23—2 turbines being installed
24—Extraction at 200 psig for industrial sales
25—600,000 lb per hr with 12,640-Btu subnormal coal
26—Floating power plant
27—Bought in 1946, built in 1943
28—2 units of 1 motor driving one I-d, one I-d fan
29—Cupro-nickel in top rows of condenser
30—Gas-fired, 30,350 Btu on oil
31—An I-d and I-d fan driven by one motor
32—Gas-fired, 29,800 Btu on oil
33—Reheat to 835 F
34—Radiant reheater, 2964 sq ft
35—Reheat to 900 F
36—Radiant reheater, 3414 sq ft
37—12,130 to 14,400 Btu per lb
38—2045 to 2800 F
39—12,416 to 14,066 Btu per lb
40—Coke breeze; gas tar 145,000 Btu per gal
41—Started operation Jan 1948
42—H-p element 3600 rpm, l-p element 1800 rpm
43—See also 1949 unit at 650 psi