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Typical Industrial Steam Plants Insta

Compiled by F N Rowley

Company	Location	Consulting Engineers	Year Operation Began	Number of Units	Total Rated Capacity, Lb per Hr	Number of Boilers	Rated Capacity per Boiler, Lb per Hr	Boiler Manufacturer	Steam Pressure, Lb per Sq In Gage	Steam Temperature, Deg F	Fuel
600 LB AND ABOVE											
Columbia Chemical Div.	Barberton, Ohio		12-41	900	750	1	150	BW	8.7	...	
Aluminum Ore Co.	Mobile, Ala.	J G White Co	7-41	850	850	3	100	BW	6.7	...	
Eastman Kodak Co.	Rochester, N. Y.		12-41	825	750	1	200	BW	8.0	...	
Winchester Rptg Arms Co	New Haven, Conn.	A L Nelson	7-41	675	750	1	100	RS	5.2	DB	
			8-41	650	850	1	125	BW	...	...	
General Electric Co	Lynn, Mass.		5-41	250	452	2	60	FW	2.4	...	
			4-41	250	488	3	60	BW*	...	...	
Kellogg Co.	Battle Creek, Mich.	Sargent & Lundy	1-42	650	750	1	100	RS	6.6	DB	
Phelps Dodge Corp.	Morenci, Ariz.	Wilbur Jurden	11-41	650	835	2	160	CE*	9.6	...	
						4	45.5	CE*	7.4	...	
Shell Oil Co, Inc.	Wood River, Ill.		1-42	650	730	1	125	RS	8.2	ST	
Tri-State Power Co-op.	Genoa, Wis.	A Y Taylor & Co	5-41	650	850	2	40	RS	2.2	...	
General Electric Co.	Pittsfield, Mass.		9-41	625	825	1	100	BW*	4.9	DB	
Millville Mfg Co.	Millville, N. J.		1941	610	750	2	80	EM	4.3	DB	
Carbide & Carbon Chem Corp	Texas City, Texas	Ford, Bacon & Davis	5-41	600	700	2	150	BW*	5.4	...	
Pennsylvania R R.	Pittsburgh, Pa.		2-42	600	589	2	40	EC	1.8	...	
Celanese Corp	Narrows, Va.		1-42	600	800	2	150	RS	8.8	DB	
General Electric Co.	Erie, Pa.		...	600	850	1	125	BW*	5.3	...	
St. Mary's Kraft Corp.	St. Mary's, Ga.	G F Hardy	7-41	600	700	1	40	BW*	3.2	ST	
			7-41	600	700	1	60	BW*	3.2	...	
450 TO 599 LB											
W. Va. Pulp & Paper Co.	Mechanicville, N. Y.		....	575	700	2	150	FW	15.1	...	
E I Du Pont de Nemours	Millington, Tenn.		11-40	550	700	6	90	CE	5.7	DB	
E I Du Pont de Nemours	Charlestown, Ind.		....	550	700	11	160	CE	11.8	DB	
Salt River Valley Assn.	Tempe, Arizona	F S Cummings	8-41	475	750	3	100	BW	...	...	
Alton Box Board Co.	Alton, Ill.		7-41	450	750	...	...	...	...	...	
Bendix-Westinghouse Co.	Wilmerding, Pa.		6-41	450	750	2	20	BW	...	...	
Blandin Paper Co.	Grand Rapids, Minn.		1-42	450	675	1	100	BW	...	DB	
Champion Paper & Fibre	Canton, N. C.		1941	450	700	1	70	CE	7.0	ST	
Ecusta Paper Corp.	Pisgah Forest, N. C.	J E Sirrine & Co	8-41	450	700	2	41.5	CE	...	...	
Florida Pulp & Paper Co.	Pensacola, Fla.	Hardy S Ferguson	7-41	450	650	1	40	BW	...	ST	
Fulton Bag & Cotton Mills	Atlanta, Ga.		7-41	450	650	1	82	BW	...	...	
			6-40	450	730	1	65	BW	2.4	DB	
[illegible]	[illegible]	E H Barry	1-42	450	710	1	210	RS	9.0	DB	
				450	710	1	150	RS	6.9	DB	
				450	710	1	100	CE*	5.5	...	
International Paper Co	Corinth, N. Y.		1-42	450	750	1	100	BW*	5.7	DB	
James Lees & Sons Co	Bridgeport, Pa.	H A Kuljian & Co.	10-41	450	700	1	30	EM	2.0	...	
Magnolia Pet. Co.	Beaumont, Texas		7-41	450	675	1	260	CE*	11.2	...	
Minn. & Ontario Paper Co.	International Falls, Minn.		10-41	450	600	1	80	CE*	...	DB	
Monsanto Chemical Co.	Nitro, W. Va.		12-40	450†	...	1	40	RS	1.9	...	
Penn. Salt Mfg Co.	Wyandotte, Mich.		11-41	450	700	1	200	BW*	9.9	DB	
Minn. Street Ry Co.	Minneapolis, Minn.		6-41	450	735	1	150	CE	8.2	...	
J J Rogers Co	Au Sable Forks, N. Y.		7-41	450	600	1	50	EC	...	...	
Rayonier, Inc.	Hoquiam, Wash.		12-40	...	...	...	...	...	...	...	
Rayonier, Inc.	Port Angeles, Wash.		1-42	...	...	...	...	...	...	...	
BELOW 400 LB											
General Electric Co	Bridgeport, Conn.		12-41	425	750	1	100	BW	4.5	DB	
F & M Schaefer Brg Co	Brooklyn, N. Y.	Fred Ophuls	5-41	425	650	1	75	BW	2.9	...	
Crawford Clothes	Long Island City, N. Y.	Huxley Madeheim	2-41	400	700	1	16	BW	...	...	
				150	...	1	16	TI	...	...	
Crossett Paper Mills	Crossett, Ark.		7-42	400	700	1	33.2	BW	2.9	ST	
Algoma Steel Corp	Sault Ste. Marie, Ont.	W E S Dyer	12-41	400	750	2	135	FW	8.9	DB	
Harness & Cowing Co	St. Bernard, Ohio		1941	400	...	1	10	BW	...	...	
Masonite Corp.	Laurel, Miss.		8-41	400	750	2	75	RS	3.8	DB	
Rhinelander Paper Co.	Rhinelander, Wis.		7-41	400	580	1	100	BW	3.0	...	
Tennessee C. I. & R R	Fairfield, Ala.		3-42	325	630	1	200	BW	16.5	DB	
						1	200	BW	...	...	
Carnegie-Illinois Steel Corp	Chicago, Ill.		9-41	300	700	11	13.7	BW	...	DB	
Fabrix Chatillon Corp	Maple Cliff	Lockwood-Greene	12-41	300*	650	1	45	BW	...	DB	
Narragansett Brewing Co	Cranston, R. I.		...	265	...	2	40	CE	2.3	...	
American Cyanamid Co	Wallingford, Conn.		6-41	250	400	1	15	BW	...	...	
Anaconda Wire & Cable Co	Sycamore, Ill.		11-41	250	400	1	6	BW	...	...	
Bethlehem Steel Co.	Quincy, Mass.	United Engineers	11-40	250	400	3	60	CE	2.5	DB	
Granby Cons Mng, Smltg & Pwr Co	Princeton, B. C.		8-40	250	600	2	80	CE	1.8	...	
			8-40	250	600	1	40	....	...	...	

ABBREVIATIONS AND GENERAL NOTES

UNDER BOILER MANUFACTURER — UNDER FAN DRIVE — Mg—Magnetic coupling
B W—Babcock & Wilcox Co — E—Engine — S—Variable-speed drive
C E—Combustion Engineering Co — M—1 Motor per fan
E C—Erie City Iron Works — 2M—2 Motors per fan
E K—E Keeler Co — T—Turbine per fan — UNDER FIRING AND FUEL TYPE
E M—Edge Moor Iron Works — TM,T—1 Motor, 1 turbine per fan — B—Bark and bark-burning grate
F W—Foster Wheeler Co — M*—Single motor or turbine driving — Stoker
R S—Riley Stoker Corp — T*—Both forced- and induced-draft fans — BF—Blast-furnace
T I—Titusville Iron Works Co — UNDER AIR-VOLUME CONTROL — C—Bituminous coal
UNDER AIR-HEATER TYPE — AND GAS-VOLUME CONTROL — Co—Anthracite coal
Regenerative — D—Damper — Ch—Chain-grate
Tubular — Hy—Hydraulic coupling — Cy—Cyclone

Under Construction Since July, 1940

Unit	Boiler			Feed Pumps			Turbines								Condenser		Gen.	
	Press.	Temp.	Type	Type	Press.	Temp.	Type	Exh.	Press.	Speed	Mfr.	Rating	No.	Steam Cond.	Mfr.	Tube Mat.	Mfr.	Rating
	V	M	Hy	UF (463)	C	12.3	2100	T	S	10.0	3600	WE	15	1	140	A	. .	. .	.	1250	32.5
	Hy	M	Hy	PC, O, G	C, O, G			2T	. .	7.5	3600	GE	110		. . . .	A				300	15
										7.5	3600	GE	110		. . . .	A					
	S	T	S	UF (442)	C	13.6			. . .	5.0‡	3600	GE	20	2	275—150	A	. .	. .	. . .	1130	26
	S, V	M	S, D	PC	C	14.8	. .	M	R	5.0	3600	GI	5	2	150—50	A	. .	. .	. . .	400	15
	D	M	D	O	O	18.6	.	2T	S, R	.					. . . .				. . .	836	31
1T	S, D	T	D	O	O	18.6	.	2T	S, R	.					. . . .				. . .		
	S	T	S, D	O	O	18.6	.	2M, 1T	S	. .					. . . .				. . .		
	V	M	V	PC	C	13.0	2500	2T	R	3.0	3600	GE	45	1	140	A	. .	. .	.	225	5
	D, U	M	D	G, O	G, O	1.1	. .	2M, 2T	R	12.5	3600	GE	1	3	119-8	A	B	2	CP	502	45
				WH	WH	. . .															
	S	1M, 1T	S	PC, O, PCk	C, O, PCk	11.0	2100	T	S	. . . .										980	. .
1T	V	M	D	PC	C	11.0		2M, 1T	R	4.3	3600	M	0.7	3	190–12	A	3.1	1	Ad	80	8.6
	S, D	M	S, D	PC, O	C, O	14.3	2360	. . . .	. . . .	7.5	3600	GE	1	2	205–18	A	8.0	2	Mu	380	21
	V	M	V	PC, O	C, O	13.9	2100	1M, 1T	. . . .	. . . .			. .	. .	. . . . .	. .	. . .	. .	. . .	. . .	. .
	D	T	D	G, O	G, O	1.1	. . . .	2T	S	7.0	3600	GE	85	. .	. . . . .	A	. . .	. .	. . .	300	7
	D	. . .	. . .	UF (127)	C	12.9	2320	2T	S	0.7	3600	WE	165	. .	. . . . .	A	. . .	. .	. . .	120	2.3
	S, V	M	S, V	PC	C	14.5	2300	1M, 1T	S	12.0	3600	GE	0.7	2	165-65	A	7.4	2	Ad	450	12
	S, D	2M	S, D	UF (283)	C	13.5	2600	1M, 1T	R	. . . .	. . .	. . .	. . .	. .	. . . .	. .	. . .	. .	. . .	. . .	. .
	D	M	D	L	L	. . .	. . . .														
	D	M	D	O, B	O, B	18.0	. . . .	1M, 1T	R	3.0	3600	GE	1	1	45	A	3.0	2	Br	100	3.4
	D	1M, 1T	S, D	PC	CA	11.8	3000	3T	R	5.0	3600	WE	1	2	160–30	A	. . . .	2	Ad	800	10
	S, V	T*	S, V	PC	C	11.4	. . . .	5T	S	15.0**	3600	GE	. .	. .	. . . . .	A	2.1	2	. . .	540	15
	V	T	S	PC	C	11.4	2000	8T	R	55.0**	. . . .	WE	1.2	2	150–50	A	4.4	2	. . .	1760	55
	S, D	M	S, D	O, G	O, G	18.0	. . .	2M, 1T	R	7.5	3600	GE	1	3	. . . . .	A	9.0	2	CP	300	28
	. . .	. . .	. . .	. . .	. . .	. . . .	. . . .	. . . .	. . . .	1.5	3600	WE	54	1	175	A	. . .	. .	.	250	5.5
1T	V	2M	D	UF	C	13.5	2400	1M, 1T	R	0.5	3600	WE	25	1	100	A	. . .	. .	. . .	40	0.5
	D, Ma	M	D, Ma	PC	C	14.2	2700	1M, 1T	R	4.0	3600	AC	. . .	1	25	A	3.0	2	. . .	250	10
	Hy	M	Hy	L	L	6.5	. . . .	. . . .	. . . .	7.5	3600	GE	1	1	44	A	8.0	2	Ad	915	30
	Hy	. . .	. . .	UF (138)	C	14.3	2620	1M, 1T	R	4.0	3600	GE	1	1	90	A	4.0	2	Ad	138	6
	?	2M	D	L	L	. . .	. . . .	1M, 1T	S, R	3.5	3600	WE	1	2	150–50	A	2.5	2	Mu	122	3.5
	,	2M	D	G, O	G, O	1.0	. . . .														
	, D	M	S, D	PC	C	13.6	2400	2M, 1T	S	1.5	3600	GE	0.7	1	30	A	. .	. .	. . .	135	6.5
	V	2M	V	G, O	G, O	. . .															
	V	2M	V	B	B	. . .		2M, 2T	S	7.5	3600	WE	1	1	165	A	. . .	. .	. . .	1100	25
	V	2M	V	L	L	. . .															
	D	M	D	PC	C	13.9	2400	1M, 1T	S	2.5	2400	GE	130	. .	. . . . .	A	. . .	. .	. . .	330	5
	D	M	D	UF (108)	C	13.5	. .	2T	R	. . .	. . .	. .	. .	. .	. . . . .	. .	. . .	. .	. . .	60	. . .
	D	T	D	O, G	O, G	18.5	. . .	. . . .	. . . .	. . .	. . .	. .	. .	. .	. . . . .	. .	. . .	. .	. . .	1060	25
	D	2M	Hy, D	PC	C	14.0	2550	M	R	7.5	3600	GE	0.5	2	145–45	A	8.5	1	. . .	500	20
	. . .	T	S, D	G	G	1.1		T	S	. . .	. . .	. .	. .	. .	. . . . .	. .	. . .	. .	. . .	65	. . .
	V, D	M	D	PC	C	13.3	2200	2M	R	6.0	3600	GE	1	2	150–3	A	6.0	2	Mu	620	23
1T	D, Ma	1M, 1T	D, Ma	PC, G, O	C, O, G	14.2	2500	T	R	. . .	. . .	. .	. .	. .	. . . . .	. .	. . .	. .	. . .	900	. .
1T	V	1M, 1T	D	TG (190)	CA	12.5	3000	1M, 1T	R	1.5	3600	GE	20	1	120	A	. . .	. .	. . .	90	2.8
	. . .	. . .	. . .	. . .	. . .	. . .		. . . .	. . . .	2.0	3600	GE	50	. .	. . . . .	A	. . .	. .	. . .	10	. . .
	. . .	. . .	. . .	. . .	. . .	. . .		. . . .	. . . .	2.0	3600	GE	65	. .	. . . . .	A	. . .	. .	. . .	300	13
	S, D	M	S, D	PC	C	14.0	2500	M	. . . .	. . .	. . .	. .	. .	. .	. . . . .	. .	. . .	. .	. . .	420	19
1T	S	1M, 1T	S	O	O	18.4	. .	T	S	0.8	3600	TE	50	. .	. . . . .	. .	. . .	. .	. . .	175	2
	. . .	M	D	O	O	. . .	. .	M	. . . .	0.2	4000	MI	125	. .	. . . . .	. .	. . .	. .	. .	32	0.4
	. . .	M	D	O	O	. . .	. .	Du	R	0.2	4000	MI	19								
	D	T	D	G, L	G, L	. . .	. .	. . . .	. . . .	4.0	3600	WE	55	1	140	A	. . .	.	. . .	285	7.5
	V	M	S	PC, BFG	PC, BFG	14.0	2400	1M, 1T	R	1.0	3600	WE	160	.	. .	A	. .	. .	. . .	404	. . .
	V	. . .	. . .	SS (36)	C	. . .	. . . .	2 Du	R	. . . .	. . .	. .	. .	. .	. . . . .	. .	. . .	. .	. . .	10	. . .
	S, D	M	S, D	G	G	1.0		2M, 1T	R	5.6	3600	GE	1	2	155–34	A	5.9	2	CP	475	12
										5.6	3600	GE	1	2	155–34	A	5.9	2	CP		
										1.0	3600	GE	1	2	155–34	A	2.6	2	CP		
	D	2M	D	UF (208)	C	14.2	2700	. . . .	. . . .	4.0	3600	WE	.	1	10	A	2.9	8	Ad	400	10
	D	T	D	PC	C	12.2	2300	2T	S	20.0	1800	GE	1.2	. .	. .	A	23.8	2	Ad	1350	60
	D	T	D	BFG	BFG	0.1	. . . .														
	. . .	T	. . .	. . .	WH	. . .	. . .	1M, 2T	S, R	. .	. .	. .	. .	. .	. . . . .	. .	. . .	. .	. . .	1505	95.4
	V	M	D	PC	C	13.6	2300	. . . .	. . . .	. . . .	. . . .	. . .	. . .	. .	. . . . .	. .	. . .	. .	. . .	315	8.8
1T	D			PC, O	C, O	14.3	2400	1M, 1T	R	0.8	4500	TE	20	. .	. . . . .	A	1.1	3	Ad	80	1.4
	D	. .	. .	UF	C	. . . .	. . . .	2Du	S	. . . .	. . . .	. . .	. . .	. .	. . . . .	. .	. . .	. .	. . .	15	. .
	D	. .	. .	TG (50)	C	. . . .	. . . .	2Du	S	. . . .	. . . .	. . .	. . .	. .	. . . . .	. .	. . .	. .	. . .	18	. .
	D	. . .	. . .	O	O	18.5	. . .	2T, 3Du	R	. . .	. . .	. .	. .	. .	. . . . .	. .	. . .	. .	. . .	180	. . .
	V, Hy	M	V, Hy	PC	C	7.6	2100	3T	S, R	10.0	1800	AC	. . .	2	60–20	A	10.0	2	Ad	200	17.5
	V, Hy	M	V, Hy	TG (195)	C	7.6	2100														

PUMP-DRIVE CODE — UNDER FEED-PUMP FLOW CONTROL
driven pump
driven pumps, etc
driven pump
driven pumps, etc
reciprocating steam
pumps, etc

Hy — Hydraulic coupling
Ma — Magnetic coupling
R — Pump regulator
S — Variable-speed drive

UNDER TURBINE MANUFACTURER
AC — Allis-Chalmers Mfg Co
EL — Elliott Co
GE — General Electric Co
M — Moore Steam Turbine Co
MI — Murray Iron Works Co
TE — Terry Steam Turbine Co
WE — Westinghouse Electric & Mfg Co

UNDER GENERATOR COOLING
A — Air
H — Hydrogen

UNDER CONDENSER-TUBE MATERIAL
Ad — Admiralty
Br — Aluminum Bronze
CP — Arsenical Copper
Mu — Munts Metal

GENERAL NOTES:
† — Now operating at 125 lb
* — Designed for future operation at higher pressure
** — Total capacity in turbines; individual data not available
‡ — Mixed-pressure turbine
E — Under turbine capacity, indicates engine-generator

Typical Central Stations Insta

1000 LB AND ABOVE

Consolidated Edison Co. N. Y.	New York, N. Y.	Sherman Creek		1942	1625	950	1	925	CE	53	ST
Public Service Elec & Gas Co.	Burlington, N. J.	Burlington		12–42	1475	950	2	550	BW	23.5	ST
Public Service Elec & Gas Co.	Jersey City, N. J.	Marion		11–42							
Boston Edison Co.	Everett, Mass	Mystic	Jackson & Moreland	12–42	1400	910	1	430	CE•	.....	DB
Boston Edison Co	South Boston, Mass.	L Street	Jackson & Moreland	8–42	1400	910	1	500	CE	31.5	DB
Metropolitan Edison Co.	West Reading, Pa.	West Reading		9–41	1400	900	2	275	CE	16.9	DB
Pacific Gas & Electric Co.	San Francisco, Calif.	Oleum		1943	1400	950	3	200	BW	.....	DB
Appalachian Elec & Power Co.	Cabin Creek, W. Va.	Cabin Creek	Am G & E Serv Corp.	6–42	1375	950	4	450	FW	23.8	DB
Ohio Power Co	Philo, Ohio	Philo	Am G & E Serv Corp.	1942	1375	950	2	450	BW	19.8	DB
Deepwater Light & Power Co.	Deepwater, N. J.	Deepwater	Am G & E Serv Corp.	1–42	1350	765	1	550	BW•	48.5	DB
Penn Power & Light Co	Harrisburg, Pa.	Cedar	Ebasco Services	6–41	1325	930	2	185	CE•	8.09	DB
Wisconsin Electric Power Co.	Port Washington, Wis.	Port Washington	Wis. Elect Pwr Co.	11–42	1325	850	1	690	CE•	60.0	DB
San Antonio Public Serv Co.	San Antonio, Tex.	Station B	United Lt & Pr Serv Co.	2–43	1325	900	1	275	BW•	14.1	DB
Buffalo Niagara Elect Corp.	Buffalo, N. Y.	Huntley		1942	1250	900	1	900	BW•	37.7	ST
Commonwealth Edison Co.	Chicago, Ill.	Fisk	Sargent & Lundy	10–43	1250	925	2	750	CE•	48.0	ST
Commonwealth Edison Co	Chicago, Ill	Fisk	Sargent & Lundy	11–42	1250	925	2	750	BW•	46.0	ST
Monongahela-West Penn P S Co.	Rivesville, W. Va.	Rivesville	Sanderson & Porter	10–42	1250	925	1	400	FW	23.8	DB
Philadelphia Electric Co.	Chester, Pa.	Chester		1942	250	570	1	600	BW	27.0	ST

850 TO 999 LB

Alabama Power Co.	Chickasaw, Ala.	Chickasaw	C & S Corp.	1942	950	900	1	400	CE•	.....	DB
Georgia Power Co.	Macon, Ga.	Arkwright	C & S Corp	3–42	950	900	1	400	CE•	.....	DB
Georgia Power Co.	Macon, Ga.	Arkwright	C & S Corp.	6–43	950	900	1	400	BW•	22.3	DB
Connecticut Light & Power Co.	Devon, Conn.	Devon		1942	950	900	2	225	CE•	12.4	DB
Duke Power Co.	Spencer, N. C.	Buck	Duke Power Co.	7–42	925	900	1	375	CE	19.3	DB
Southern Ind Gas & Elect Co.	Evansville, Ind.	Ohio River	C & S Corp.	9–42	900	900	1	225	RS	12.4	DB
Jersey Central Pwr & Lt Co.	Sayreville, N. J.	Raritan River	Burns & Roe	1941	900	900	1	400	BW•	15.4	ST
Jersey Central Pwr & Lt Co.	Sayreville, N. J.	Raritan River	Burns & Roe	1943	900	900	1	400	BW•	15.4	ST
[illegible]	[illegible]	[illegible]	[illegible]	1942	900	905	2	300	RS	.....	DB
Consumers Power Co.	Undetermined	Undetermined	C & S Corp.	1943	875	900	1	550	FW	.....	DB
Indianapolis Pwr & Lt Co.	Indianapolis, Ind.	Harding St.	Gibbs & Hill	1943	....	....	..	...	....	.....	.....
Consumers Power Co.	Bay City, Mich.	John C Weadock	C & S Corp	8–42	875	900	1	550	FW	.....	DB
Tampa Electric Co.	Tampa, Fla.	W Jackson St.	Stone & Webster	8–42	860	830	1	160	BW•	6.7	DB
Alabama Power Co.	Gorgas, Ala	Gorgas No. 2	C & S Corp.	3–43	850	900	1	650	...	.....	.....
Northern States Power Co.	St. Paul, Minn.	High Bridge	P U Engrg & Serv	11–41	850	900	1	450	BW•	37.5	DB
New Bedford Gas & Edison Co.	New Bedford, Mass.	New Bedford	E M Gilbert Engrg Corp.	2–42	850	825	2	150	BW•	.....	.....
Tennessee Valley Authority	Watts Bar Dam, Tenn.	Watts Bar	Chas T Main	11–41	850	900	3	600	BW•	.....	ST
Consol Gas Elec Lt & Pr Co.	Baltimore, Md.	Riverside		11–42	850	900	1	550	BW•	28.95	DB
Duquesne Light Co.	Wireton, Pa.	Frank R Phillips		4–42	850	900	2	500	FW	25.4	DB
Hartford Electric Light Co.	Hartford, Conn.	South Meadow	Stone & Webster	9–42	850	900	1	450	BW•	19.9	DB
Philadelphia Electric Co.	Philadelphia, Pa.	Southwark		1943	850	900	2	850	BW•	40.5	ST
Philadelphia Electric Co.	Philadelphia, Pa.	Southwark		1943	850	900	2	850	BW•	40.5	ST
Virginia Electric & Power Co.	Norfolk, Va	Reeves Avenue	Stone & Webster	10–41	850	875	1	450	CE•	.....	ST
Detroit Edison Co.	Marysville, Mich.	Marysville		12–42	815	900	3	440	CE•	23.6	DB

650 TO 849 LB

Ohio Edison Co.	Akron, Ohio	Gorge	C & S Corp.	10–42	800	850	1	450	BW•	.....	DB
N.Y. State Electric & Gas Corp.	Dresden, N. Y.	Greenidge		...	700	825	1	220	FW	12.2	DB
Virginia Public Service Co.	Alexandria, Va.	Alexandria	Atl Ut Serv Corp.	7–42	700	825	2	80	CE•	3.6	.....
Potomac Electric Power Co.	Washington, D. C.	Buzzard Point		1942	690	900	1	525	CE	25.0	ST
Interstate Power Co.	Dubuque, Iowa	Dubuque		12–41	675	900	1	150	CE•	9.8	DB
Wisconsin Public Service Corp.	.....	Bayside		7–42	675	900	1	310	BW•	.....	DB
Rochester Gas & Elec Corp.	Rochester, N. Y.	Rochester #3	E M Gilbert Engrg Corp.	1942	660	825	1	300	CE•	.....	DB
Cincinnati Gas & Elect Co	Cincinnati, Ohio	Columbia	Columbia Engrg Corp.	7–42	650	900	2	350	BW•	4.8	ST
Superior Water, Lt & Pwr Co.	Superior, Wis.	Winslow	Ebasco Services	2–42	650	825	1	125	CE•	6.1	DB
Kansas City Power & Light Co.	Kansas City, Mo.	Grand Avenue	United Lt & Pr Serv Co.	7–43	650	950	..	...	...	.....	.....
Louisville Gas & Electric Co.	Louisville, Ky	Canal	PU E & S Corp.	11–41	650	900	1	312	CE•	20.3	DB
Louisville Gas & Electric Co.	Louisville, Ky	Paddy's Run	PU E & S Corp.	5–42	650	900	2	312	CE•	20.3	DB
United Illuminating Co.	Bridgeport, Conn.	Steel Point	Westcott & Mapes	10–43	650	860	2	150	BW•	8.3	DB

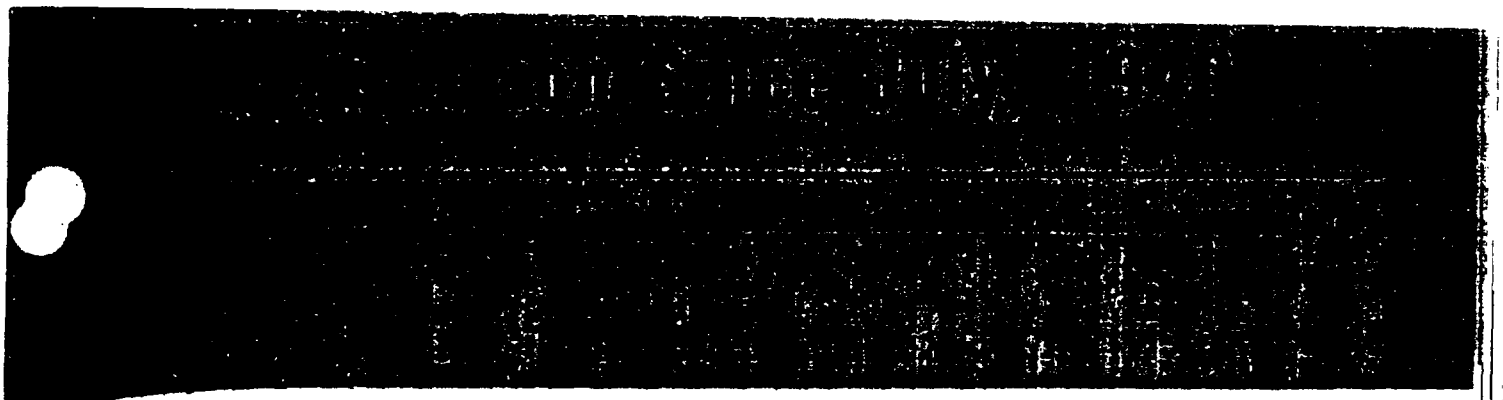
400 TO 649 LB

Iowa Elect Light & Power Co.	Boone, Iowa	Boone	John W Drabelle	10–43	600	750	2	130	SB	7.4	DB
Mayaguez Lt, Pr & Ice Co.	Mayaguez, P. R.	Plant No. 2		6–42	600	825	1	55	CE•	1.5	DB
Interstate Power Co.	Albert Lea, Minn	Albert Lea	Sargent & Lundy	12–41	450	825	1	90	CE•	...	DB
Long Island Lighting Co	Glenwood Landing, N. Y.	Glenwood	Burns & Roe	11–41	450	800	1	550	BW•	39.9	DB
Porto Rico RR, L & Pwr Co.	San Juan, P. R.	Santurce	Montreal Engrg Co.	8–41	450	710	2	110	BW•	3.4	.....
Union Public Service Co.	Canby, Minn.	.....	R D Thomas & Assoc.	12–41	450	750	..	...	...	.....	.....
Central Ohio Lt & Pwr Co.	Hurlton, Ohio	Woodcock	Sargent & Lundy	1–41	425	825	1	90	RS	5.4	DB
Columbus & South Ohio Elec Co	Columbus, Ohio	Picway	United Lt & Pr Serv Co.	1–42	400	750	..	...	...	.....	.....
Interstate Power Co	Clinton, Iowa	Clinton		8–41	400	825	1	45	RS	3.3	DB
Oklahoma Gas & Elect Co.	Oklahoma City, Okla	Arthur S Huey	PU E & S Corp.	6–43	400	750	.	...	...	.....	.....

BELOW 400 LB

Central Power & Light Co.	Corpus Christi, Texas	Nueces Bay	Sargent & Lundy	1–42	390	835	1	175	BW•	.....	.....
Central Power & Light Co.	Corpus Christi, Texas	Nueces Bay	Sargent & Lundy	10–42	390	835	1	175	BW	.....	.....
Public Service Co of Colo	Boulder, Colorado	Valmont		1941	350	750	2	300	BW•	18.4	DB, ST
San Diego Gas & Electric Co	San Diego, Calif	Station B		9–41	250	700	1	200	BW•	8.2	.....
Lake Superior District Power Co	Ashland, Wis	Bay Front	Middle West Serv Co.	9–41	225	550	1	120	RS	4.0	.....

[illegible] — Combustion Engineering
[illegible] — Allis-Chalmers Mfg Co — CE — Combustion Engineering
[illegible] — Admiralty — D — Dampers
B&W — Babcock & Wilcox Co — DB — Dry bottom — G — Gas — V — Two stage
C — Coal, bituminous — DL — De Laval Steam Turbine Co — GE — General Electric Co — MS — Moore Steam



T	S	PC	C	14.1	2500	T	S	50.0	3600	WE	215.0	1	415	H				2,815	221
M	S, V	PC, O	O, C	18.4–14.2	2100–	M	Hy	100.9	3600	WE	0.5	5	322–10.2	H	55.0	1	Ad	2,825	225
								50.0	3600	GE	0.5	2	28.4–7.5	H	55.0	1	Ab	2,075	195
		PC, O	O, C	18.5–11.9	2550			50.0	3600	GE	0.5	4	188–5	H	33.8	1	Ab	430	50
M	S	PC, O	O, C	18.5–11.9	2550	2M, 3T	S	18.75	3600	GE	330.0			A				2,878	246
M	V	PC	C	13.84		3T	S	20.0	3600	WE	280.0			A				1,347	96
M	V	O, G	O, G					40.0	3600	GE	225.0			H	22.0	1		1,200	80
MT	V, D	PC	C	12.9	2700	6M		2–85.0	3600	GE	0.5	5	495–5.8	H	47.0	1	Ad	3,600	286
MT	V, D	PC	C	11.5	2000	3M		85.0	3600	GE	0.5	5	495–5.8	H	52.5	1	CP	4,760	415
MT	V	PC	C	14.0	2480	2M		20.0	3600	GE	215.0			H				3,450	138
M	V	TG	CA	10.7	2500	2M, 1T	R	15.0	3600	GE	225.0			A					37
2MP	S	PC	C	15.0	2250	2M, 1T	R	80.0	1800	AC	0.5	5	400	H	52.5	1		1,380	160
2MP	V	G	G	1.0		2M, 1T	S	20.0	3600	WE	1.0	4	199–9.9	H	22.7	2	CP	822	56.5
M	Ma	PC	C	13.7	2550	3M	Hy	80.0	1800	GE	0.5	6		H	58.6	1	Ad	7,040	545
M	V	PC	C	10.0	2350	3M, 1T	R	150.0	1800	WE	0.5	5	509–6	H	90.0	1		3,750	473
M	V	PC	C	10.0	2350	3M, 1T	R	147.0	1800	AC	0.5	5	486–5.5	A	90.0	1	Ad	5,120	473
M	S	PC	C	13.5	2100	M	R	35.0	3600	WE	0.75	4	280–10.2	H	30.0	2	Su	1,050	110
M	Hy	PC	C	14.06	2400	T	S	80.0	1800	WE	0.5	3	66–5.4	H	63.5	1	Ad	1,200	256
2MP	D	PC, C	O, C	12.0–13.5	2100–	2M	....	40.0	3600	WE	1.0	5	316–9.2	H	26.9	2	...	800	80
2MP	V	PC	C	14.0	2700	M	....	40.0	3600	WE	1.0	5	316–9.2	H	31.3	2	...	800	80
....	....	PC, G	C, G	14.0–13.5	2700	M	....	40.0	3600	GE	1.0	5	249	H	31.3	2	...	1,200	120
M	Hy	PC	C	14.0	2400	2M	....	45.0	3600	WE	0.5	5	311–5.6	H	30.0	...	...	...	...
M	Hy	PC	C	14.3	2600	3M, 1T	....	40.0	3600	GE	0.75	4	201.6–5.5	H	31.3	2	Ad	2,250	190
M	V	PC	C	10.6	2100	M	....	20.0	3600	AC	1.0	5	235–23.7	H	18.3	2	...	970	72
M	Ma	PC	C	14.4	2550	.....	....	.....	....	.....	.....	..	.....	..	.....	...	...	850	...
M	Ma	PC	C	14.4	2550	.....	....	25.0	3600	GE	315.0	..	.....	H	.....	...	...	1,250	85
M	D	PC	C	11.0	1950	4M, 1T	....	25.0	3600	WE	1.0	5	295–12	H	26.5	2	Ad	1,200	90
.....	...	PC	C	13.3	2300	.....	....	50.0	3600	GE	0.5	5	225–5.95	H	43.0	2	...	...	...
.....	...	...	...	...	...	...	....	37.5	3600	GE	0.75	4	164.3–5.33	H	30.0	2	Ad	1,520	148
M	Hy	PC	C	13.3	2300	M	....	50.0	3600	GE	0.5	5	225–5.95	H	43.0	2	...	1,750	120
M	V	O	O	18.1	...	2M	S	15.0	3600	WE	1.0	4	.....	A	14.0	2	Ab	880	55
.....	...	...	...	...	...	...	....	60.0	3600	GE	0.5	...	.....	H	.....	...	...	1,450	120
2MP	Ma	PC	C	11.2	1900	2M, 1T	S	50.0	3600	GE	0.75	4	200–9	H	43.8	2	Ad	450	117
2MP	V	U1 (388)	C	14.3	...	3T	S	7.5	3600	GE	200.0	..	.....	A	.....	...	...	1,750	96
Du	D	PC	C	13.5	2000	5M	R	3–60.0	1800	GE	1.0	4	243–10.4	A	40.0	1	Ad	1,800	180
M	S, D	PC, O	C, O	14.1	2350	1M, 1DU	S, R	50.0	3600	GE	0.5	4	364–11	H	46.5	2	Ad	550	50
M	Ma	PC	C	12.9	...	1M, 2T	S, R	60.0	3600	WE	0.75	5	355–5.2	H	43.6	1	Ad	1,000	60
M	D, Hy	PC, O	C, O	14.0–18.0	2750	1M, 1T	....	45.0	3600	GE	0.5	3	.....	H	36.0	2	Ad	1,760	170
.....	.....	PC	C	14.6	2250	M	....	150.0	3600	WE	0.5	4	295–6.4	H	77.0	1	Ad	3,400	150
.....	...	PC	C	14.6	2250	M	....	150.0	1800	WE	0.5	4	295–6.4	H	77.0	1	Ad	3,400	300
M	Hy	PC	C	14.4	2400	2M, 1T	S	40.0	3600	WE	0.75	3	201–10	H	30.0	1	Ab	1,600	114
M	S, D	PC	C	13.5	2500	1M, 1T	S	75.0	1800	GE	0.5	4	224–7.7	A	50.3	1	Ad	3,160	235
.....	.....	PC	C	11.5	2400	3M	....	35.0	3600	WE	1.0	5	220–6.5	H	32.6	2	...	1,394	102
M	V	PC	C	13.9	2500	2M	R	20.0	3600	GE	14.5	3	122–6.8	A	16.9	2	...	440	40
M	V	UF (202)	C	14.3	2358	2T	S	15.0	3600	WE	14.2	2	29.7–8.8	A	12.0	2	Ad	348	43
M	D	PC	C	14.3	2300	4M, 1T	S	50.0	1800	GE	0.5	4	202–7	A	41.0	1	Ad	2,325	220
2MP	Ma	PC	C	10.5	1950	M	R	...	....	...	.....	..	.....	..	.....	...	...	498	38
2MP	Ma	PC	C	13.2	2500	1M, 1T	R	30.0	3600	AC	0.5	..	.....	H	.....	2	...	570	50
2MP	V	PC	C	13.6	2600	1M, 1T	R	25.0	3600	GE	14.5	3	.....	H	20.5	2	CP	.....	...
MT	V	PC	C	13.5	2500	3M	...	65.0	1800	GE	0.5	4	170–7	H	51.8	2	CP	2,700	256
2MP	D	PC	C	14.2	2600	1M, 1T	R	12.5	3600	AC	0.5	3	130–11	A	10.9	1	Ad	160	14
.....	.....	.....	.....	.....	.....	.....	.....	35.0	3600	WE	0.75	6	380–10	H	.....	...	...	1,425	142
M	Ma	PC	C	11.3	1975	2M, 1T	R	25.0	3600	WE	0.75	4	144–7.2	H	28.0	2	Ad	967	62
M	Ma	PC	C	11.3	1975	2M, 1T	R	25.0	3600	WE	0.75	4	144–7.2	H	28.0	2	Ad	624	50
M	V	PC	C	14.2	2575	2M, 1T	S	25.0	3600	GE	0.5	4	265–12	H	27.2	2	Ad	1,534	135
2MP	V	PC	C	8.9	1950	1M, 1T	S	7.5	3600	AC	0.5	4	287–8.5	A	9.5	2	Ad	360	22
M	D	O	O	18.5	..	2M	R	5.0	3600	GE	1.0	3	125–9	A	4.5	1	Ad	99	9
M	...	O, G	O, G	1.0	...	1M, 1T	R	7.5	3600	GE	0.5	3	119–7.7	A	...	2	...	270	19
M	Ma	PC, O	C, O	14.7	2500	.....	...	.....	....	.....	.....	..	.....	..	.....	...	...	1,650	170
M	Hy	O	O	18.2	...	1M, 1T	R	15.0	3600	GE	1.2	3	195–2.0	A	6.8	2	Ab	385	25
.....	...	...	...	...	...	...	...	5.0	3600	GE	.....	3	125–5	A	6.3	2	Ad	120	10
M	V	PC	C	13.8	2300	1M	R	7.5	3600	WE	0.5	3	118–7.0	A	7.5	2	CP	210	17.5
.....	...	...	...	...	...	.....	...	80.0	3600	GE	0.75	3	110–5.7	H	38.0	2	CP	900	.....
M	Hy	PC	C	10.5	1950	...	...	...	...	...	...	...	.....	...	.....	...	...	138	5.7
.....	.....	.....	.....	.....	.....	.....	M	R	20.0	3600	GE	1.0	3	.....	A	....	2	Ad	660	50
M	V	G, O	G, O	1.1	.....	M	R	15.0	3600	GE	0.75	4	215.2–31.8	A	17.0	2	Ab	520	30
M	V	G, O	G, O	1.1	.....	M	R	15.0	3600	WE	0.75	4	102–8.4	A	17.0	2	Ab	520	45
2MP	V	PC	C	9.2	2230	T	S	25.0	3600	GE	0.5	5	80–2	A	31.0	2	...	1,420	95
M	V	O, C	O, G	1.1	.....	.....	....	3.0	3600	GE	.....	..	.....	A	.....	..	...	1,335	102
2MP	Hyd	UF (244	C	13.8	2489	1M, 1T	R	....	....	....	.....	..	.....	..	.....	..	...	300	15

...e turbine per Lan... RE — Regenerative ... T — Turbine drive ... WW — Wood waste
...tal ... RS — Riley Stoker Corp ... TU — Tube ... * — Also burns Tar
S — Speed control ... TG — Traveling-grate stoker
...d coal SB — Springfield Boiler Co ... UF — Underfeed stoker