Something to TALK ABOUT

THE MONEY YOU SAVE ON EQUIPMENT GUARANTEED BY **HEMPHILL** ELECTRICAL ENGINEERS

This seal says so!

TRANSFORMERS—60 Cycle

Qu.	KVA	Make	Type	Ph	Voltages
1	1500	G.E.	Pyranol	3	4150x2400
1	1000	G.E.	Auto	3	4150x2400
3	750	G.E.	HT	3	4150x120/240
4	750	G.E.	H	1	4800-120/240
1	500	Kuhl.	OISC	1	4150x2400
3	400	Pitts.	OISC	1	4800/4150/2400 2300/120
3	333	Whse.	OISC	1	2400x478
1	333	G.E.	H	1	13200x220 440
2	300	G.E.	H	1	13200x440
4	200	G.E.	H	1	13200x440
1	200	G.E.	HT	3	2400x240
3	150	Pitts.	OISC	1	240x120/240
3	50	G.E.	H	1	4800x120/240
3	50	A.C.	H	1	230x120/240
1	25	G.E.	H	1	460x120/240
1	20	G.E.	Novalux		2400 6.6 Amps
3	25	G.E.	H	1	575x115/230
	25	Nias.	OISC	1	2400x480
8	7½	Electro	Air	1	460-8-40

MOTOR GENERATOR SETS

Qu.	KW	Make	Speed	DC	AC
[illegible]	1000	G.E.	514	600	2300/4150 Syn.
[illegible]	[illegible]	Whse.	720	600	2300/4150 Syn.
[illegible]	1000	Whse.	720	275	2300/4150 Syn.
[illegible]	[illegible]	G.W.	1200	250	2-unit 2300/4150 I.M.
[illegible]	[illegible]	G.E.	1200	250	2400/4160 I.M.
[illegible]	[illegible]	Whse.	900	250	2300/4150 Syn.
[illegible]	[illegible]	G.W.	1200	250	440 SQ
[illegible]	[illegible]	2 Unit G.E.	1200	125/250	2300 Syn.
[illegible]	[illegible]	Whse.	[illegible]	[illegible]	4150 Syn.
[illegible]	[illegible]	G.W.	[illegible]	[illegible]	2300 S.Q.
[illegible]	[illegible]	G.E.	[illegible]	[illegible]	2300 Syn.
[illegible]	[illegible]	G.E.	1200	125	208 Syn.
[illegible]	[illegible]	G.E.	1200	125	440 SQ

SYNCHRONOUS MOTORS

Qu.	H.P.	Make	Speed	Type	Volts
1	300	El. Mach.	720	TEFO	2300
1	200	Whse.	720		4160
1	175	G.E.	720	ATI	2300
1	150	G.E.	720	ATI	2300
1	150	G.E.	1800	TS	2300
1	140	Whse.	900	1810	[illegible]

				Volts
1	150	A.C.	380	440
1	125	El. Mach.	900	4800
1	100	G.E.	900	2300

SLIP RING MOTORS

Qu.	H.P.	Make	Speed	Type	Volts
1	300	G.E.	1200	M	4400/4160
1	400	Whse.	480	CW	[illegible]
1	250	Whse.	600	CW	[illegible]
1	200	Whse.	600	DW	[illegible]
1	200	G.E.	600	MT	[illegible]
1	150	A.C.	1200	AT BW	[illegible]
1	100	G.E.	1800	IM	[illegible]
1	100	G.E.	600	IM	[illegible]
1	75	G.E.	600	IM	[illegible]
1	60	G.E.	1800	MT	[illegible]

DC. 230 VOLT MOTORS

Qu.	H.P.	Make	Speed	Type
1	300	G.E.	1800	MPC
1	150	G.W.	900	[illegible]
1	125	G.E.	1700	[illegible]
1	75	G.W.	[illegible]	[illegible]
1	50	G.W.	700	[illegible]
1	40	G.E.	[illegible]	[illegible]
1	35	Whse.	835	[illegible]

Member of The National Industrial Service Association, Inc.

"FOR POWER"

J. L. HEMPHILL & CO.

1604 53rd STREET, NORTH BERGEN, N. J.
PHONE NEW YORK—LONGACRE 3-3333
PHONE NEW JERSEY—UNION 3-2600

BOILER FEED PUMPS

We have just acquired these two boiler feed pumps which were installed new in 1950. They are in absolutely top condition.

1—DeLaval Boiler feed pump, rated 600 GPM at 1220 ft. head. Stainless steel fitted 3 stage single suction type 250 M-3P5/4, mounted on base and originally driven by 3600 RPM motor.

1—DeLaval Boiler feed pump, identical to the one listed above except mounted on base with 233 BHP steam turbine, 400 PSIG Steam pressure, 262°F superheat, 50 PSIG discharge.

TURBO-GENERATORS

CONDENSING

1—6250 KVA 5000 KW 3600 RPM Allis Chalmers 200 lbs. 100° SH. Will operate 275 lbs. 6150 TT without change. Generator 3/60/11500. Can be changed to 2400/4160. Complete auxiliaries. Can be operated for inspection. Checked by factory engineers in Sept. 1951—no repairs required.

1—1567 KVA 1250 kw 3600 RPM Allis-Chalmers 150 lbs. Will operate 200 lbs. 450° TT without change. Generator 3/60/2300. Complete auxiliaries.

1—1250 KVA 1000 kw 3600 RPM Westinghouse 185 lbs. 100° SH 3/60/2300. Completely reworked, generator has new winding. Complete auxiliaries.

1—937 KVA 750 kw 3600 RPM Gen. Elec. 150 lbs. Generator 3/60/2300.

NON-CONDENSING

1—1250 KVA 1000 KW 3600 rpm General Electric 140 lbs. turbine with type ATB Form T 3/60/2300, 80 pf. Synchronous Generator.

1—1870 KVA 1500 KW rpm General Electric 140 lbs. turbine with type ATB 3/60/2300, 80 p.f., Synchronous Generator.

1—625 KVA 500 kw 3600 rpm General Electric 175 lbs. Single stage turbine with type ATB form T 3/60/2300, 8 pf. Synchronous Generator.

1—187½ KVA 150 kw Westinghouse geared 7200/900 rpm 150 lbs. 100° SH. Generator 3/60/240.

1—125 KVA 100 kw Westinghouse geared 7200/900 rpm 150 lbs. 3/60/240.

We will rewind these generators to your specifications

TRANSFORMERS

3 PHASE—60 CY.

1—2500 KVA 11500 to 480 Volt 3 Ph. 60 Cy. General Elec.
1—1800 KVA 6600 to 440 Volt 3 Ph. 60 Cy. General Elec.

1 PHASE—60 CY.

3—3333 KVA 66000 to 33000 & 132000 V 1 Ph. 60 Cy. Westinghouse

2—1000 KVA 13200-2300 v. 1 ph. 60 cy. Gen. Elec.
4—200 KVA 33000-2300/4600 v. 1 ph. 60 cy. Pittsburg
10—100 KVA 33000-2300/4600 v. 1 ph. 60 cy. Pittsburg
3—100 KVA 33000-2300/4600 v. 1 ph. 60 cy. Allis-Ch.
Large stock 2400/4160 Y.—120/240 v. 1 ph. 60 cy. Distribution Transformers

10—25 KVA	65—3 KVA
13—15 KVA	20—3 KVA
63—10 KVA	13—1½ KVA
61—7½ KVA	

OUTDOOR INSTRUMENT TRANSFORMERS

2—110000/66000 to 110 volt Westinghouse Potential
11—33000/110 V. 200 V.—A GE E116 Potential
3—33000/110 V. Westinghouse Potential
2—60-120/5A 37 KV GE—K61 Current

OIL CIRCUIT BREAKERS—Outdoor

1—600 A. 110 KV GE FK0136
1—400 A. 73 KV West. G—1
2—400 A. 37 KV GE FK0136
1—400 A. 37 KV WEST. 0221
1—1200 A. 15 KV GE FHK0236

TAMPA ARMATURE WORKS INC.

401 S. MORGAN ST. TAMPA, FLORIDA PHONE 2-1966

LAND'S 44th YEAR

MOTORS & GENERATORS, etc.
1 YEAR GUARANTEE

GENERATORS—250 V. D. C. Motor Driven

KW	Make	Type	Speed
[illegible]	G.E.	New	900
[illegible]	G.E.	New	900
[illegible]	G.E.	CCD	1200
[illegible]	Cr. Wh.	SK	900
[illegible]	El. Mach.	Synch.	900
[illegible]	West.	MPC	1200
[illegible]	El. Dy.	DIL	1750
[illegible]	El. Dy. (4)		1150
[illegible]	Delco	MPC	1200
[illegible]	G.E.	SK	900
[illegible]	West.	SIR	1150
[illegible]	Cr. Wh.	DU	1150
[illegible]	North West		1150
[illegible]	Cr. Wh.	SK	1750
[illegible]	West.	Lwite	1750
[illegible]	Al. Ch. (3)	OR	1200
[illegible]	G.E.	BO	1750
[illegible]	G.E.		1750
[illegible]	Star.	SK-43	1750
[illegible]	West.	SK-181	1150
[illegible]	West.	T-27C	1750
[illegible]	Rel.	T-14T	1150
[illegible]	Rel.		1140

GENERATORS—Low Voltage D. C.

Amp.	Make	Voltage
[illegible]	Chandry.	12/15
[illegible]	Chandry.	8/15
[illegible]	H-V-W	8/15
[illegible]	H-V-W	8/15
[illegible]	North	6/15
[illegible]	Chandry	8/15
[illegible]	G.E.	15
[illegible]	El. Prod.	12/30
[illegible]	G.E.	25
[illegible]	West.	25
[illegible]	Diehl	25
[illegible]	West.	30
[illegible]	Burke	35
[illegible]	Diehl	40
[illegible]	G.E.	50
[illegible]	Century	60
[illegible]	G.E.	65
[illegible]	West.	60
[illegible]	G.E.	70

230 V. D. C. MOTORS

H.P.	Make	Type	Speed
[illegible]	G.E. (3)	MDP 473	575/750
[illegible]	G.E.	MDP 486	515/515
[illegible]	Rel.	1600T	400/1200
[illegible]	West.	SK	1150
[illegible]	West.	SK	535/575
[illegible]	G.E.	C	600
[illegible]	Rel.	T	[illegible]
[illegible]	E. D.	20-AL	1750/1810
[illegible]	West. (4)	SK	1150
[illegible]	Reliance (3)	1850T	465/1300
[illegible]	West. (6)	SY	850
[illegible]	Rel.	651-T	850
[illegible]	G.E.	RO	600
[illegible]	Rel.	1960T	600
[illegible]	A-C		1150
[illegible]	Pitt.	TRC-38	415
[illegible]	G.E. (3)	RF-17	950/475
[illegible]	G.E.	CD-165	1150
[illegible]	West. (6)	SK	1150
[illegible]	G.E.	RO	1000
[illegible]	Rel.	441-T	850
[illegible]	West. (9)	SK	830
[illegible]	West.	SK	475
[illegible]	Cr. Wh.	CMC-1231	375/350
[illegible]	West.	SK	850
[illegible]	West.	SK-190	630
[illegible]	West.	SK	250/1000
[illegible]	Cr. Wh.	CMC-75	1750
[illegible]	West.	SK-160	645
[illegible]	G.E.	RF-17	250/1150
[illegible]	G.E. (3)	CD-193	850
[illegible]	Cr. Wh.	YH	1750
[illegible]	West. (5)	SK	775
[illegible]	E-D	55B	250/1000
[illegible]	West.	SK	250/1050
[illegible]	West.	SK	1150

SLIPRING MOTORS

H.P.	Make	Type	Speed
[illegible]	Cr. Wh.	15-AQ	587
[illegible]	G.E.	IM	600
[illegible]	G.E. (2)	IM	450
[illegible]	G.E. (3)	IRM11B	850
[illegible]	West.	CW	435
[illegible]	G.E.	IM	900
[illegible]	G.E.	MT-551Y	1150
[illegible]	G.E.	IM	575
[illegible]	West.	CW	1150
[illegible]	G.E.	IM	850
[illegible]	G.E.	MT511	1150
[illegible]	G.E.	IM	650

SQUIRREL CAGE MOTORS

H.P.	Make	Type	Speed
[illegible]	DESTRAN(V)	E-3335	1750
[illegible]	Wagner	RPF-283	1800
[illegible]	West.		1750
[illegible]	A. Ch.	AR	865
[illegible]	G.E.	KP-4335	600
[illegible]	West.	CS	1175
[illegible]	G.E.	IK	580
[illegible]	Cr. Wh.	53R	3500
[illegible]	A. Ch.	AB	1750
[illegible]	Century		3500
[illegible]	A. Ch.		690
[illegible]	West.	CS6678	3510
[illegible]	West.	CS	870

Partial Listing Only!
Please Send Us Your Inquiries

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RE-NU-BILT MOTORS

THE TRADE MARK WITH A MEANING

SUCCESSFUL OPERATION GUARANTEED

*45th Year of Service—Member of A.R.A.**

A. C. MOTORS

3 Ph. 60 Cycle

SYNCHRONOUS

Qu. HP	Make	Type	Volts	Speed
1—4250	Cr. Wh.		4160/13200	514
2—3500	G.E.	TS	2300	327
1—2500	G.E.	ATI	2300	720
2—2100	G.E.	ATI	2300	250
2—2000	Whse.		2300	120
1—2000	G.E.	ATI	2300	900
3—1750	G.E.	ATI	2300	3600
1—[illegible]	G.E.	ATI	2300/13800	600
1—[illegible]	Ideal	SH	2300/4150	1800
1—600	Whse.	Eng.	2300	138.5
1—450	Whse.		2300	450
1—450	G.E.	TS	2300	180
1—300	Whse.		2300	720
1—150	Whse.		440	600

SLIP RING

Qu. HP	Make	Type	Volts	Speed
1—1500	G.E.	MT-433	2300	360
1—1800	ARB		2300	720
1—1500	G.E.	MP-28	2300	575
1—1000	A.C.	Mill	2300	540
1—500	Whse.	CW	550	280
1—500	G.E.	IM	2300	600
1—450	G.E.	IM	440	720
1—400	Whse.	CW-1211	2300	450
1—400	Whse.	CW	440	515
1—350	G.E.	MT-441Y	2300/4000	252
1—350	G.E.	IM-17A	440/2300	720
1—300	G.E.	MT-553Y	2300	900
1—250	G.E.	IM-1713	2300	480
1—250	G.E.	MT-424Y	4000	250
1—250	G.E.	MT-658B	2200	1150
1—250	A. C.		550	600
1—250	Cr. Wh.	16QB	440	865
1—200	G.E.	IM	440	435
1—200	G.E.	MTP	440	1110
1—100 new	Whse.	CW	2300	400
1—150	G.E.	IM-18	440	600
1—125	A. C.		440	865
1—125	A. C.		440	750
1—125	G.E.	MT-561Y	440/2300	433
1—100	G.E.	IM	440	690
1—100	G.E.	IM	2300	435
1—100	A. C.		440	685
1—100	G.E.	MT	440/2300	485

SQUIRREL CAGE

Qu. HP	Make	Type	Volts	Speed
3—450	G.E.	FT658BY	440	3750
3—450	Whse.	CS	2300/4150	354
1—350	G.E.	IK-17	440	880
3—250	G.E.	KT-551	440	1800
1—250	G.E.	IK	440	885
1—75/150	G.E.	IK	440	450/900
1—150	Whse.	CS	440	880
1—150	Weighse.	CS1565	440	835
1—125	Whse.	MS	440	450
3—125	Al. Ch.	ARW	2300	1780
1—100	G.E.	IK	440	880
1—100	G.E.	IK-Vert.	2300	450

D. C. MOTORS

Qu. H.P.	Make	Type	Volts	Speed
1—1200	G.E.	MCF	600	300/500
1—2000	Whse.	Mill	600	220/410
1—840	Whse.	QM D Brg.	250	110/170
1—600	Whse.		250	450/560
1—525	Whse.	Mill	250	90/125
1—500	A. Ch.	MILL	230	400/800
1—500	Whse.	Mill	600	300/700
1—450	Whse.		250	475
1—[illegible]	G.E.	MCF	250	350/1050
1—250/400	G.E.	UTNA	230	1225/2500
1—200	Whse.	CH-3004	230	675/1150
1—200/300	G.E.	MPC	230	354/525
1—150	G.E.	MPC	230	450/800
1—[illegible]	Rel.	1818T	230	750
1—[illegible]	Whse.	CB-5112	230	400/800
1—[illegible]	G.E.		600	350/750
1—[illegible]	Cr. Wh.	55H	230	850
1—[illegible]	Cr. Wh.	CMC-65R	230	1150
1—[illegible]	Whse.	SK-201	230	330/900
1—[illegible]	Whse.	SK-181 B	230	900/1200
1—[illegible]	G.E.	MTM-418	230	415
1—[illegible]	G.E.	MPC	230	250/1000
1—[illegible]	Whse.	SK-181	230	450/1800
1—[illegible]	El. Dy.	55-R	230	825/1050
1—[illegible]	Whse.	SK-170	230	400/1200
1—[illegible]	G.E.	CD-1610	230	725
1—[illegible]	Whse.	SK-170	230	350/1050
1—[illegible]	G.E.	SCP-41D	230	1700

MOTOR GENERATOR SET

3 ph. 60 Cycle

Qu.	KW	Make	Speed	D.C. Volts	A.C. Volts
1	3000(3U)	G.E.	514	600	4000/13200
1	2000	G.E.	514	600	13800/6900
1	2000	G.E.	450	250	2400
1	2000 (25 cy)	G.E.	600	600	6600/11000
1	1750	G.E.	514	250	2300
1	1500	G.E.	720	600	6600/13200
1	1500	G.E.	600	600	2300/4150
1	1500	C.W.	514	275	4150/13800
1	1000	Whse.	900	600	2300/4150
1	1000	G.E.	900	250	6600
1	1000(3U)	G.E.	900	250	2300/4000
1	750	Whse.	900	275	2300/4150
1	750	C.W.	514	275	2300
1	600	G.E.	720	125	440/2300
1	600	Whse.	900	125/250	440
1	500	Whse.	1200	125/250	2300
1	500	G.E.	720	125	2300/4150
1	300	G.E.	720	250	440/2300
1	150	G.E.	1800	125	2300
1	150	Whse.	1200	275	2300
1	150	G.E.	1175	125	440
1	150(3U)	Cr. Wh.	850	125/250	2300
1	125	G.E.	1200	125	440
1	100	Delco	1200	125/250	440
1	100	G.E.	1200	250	2300/4000
1	75	Whse.	1750	125/250	2300

FREQUENCY CHANGERS

Qu. KW	Make	Cycles	Voltage
1—12500	Whse.	60/25	13200x13200
1—6400	G.E.	25/60	6600/13200x2300/4000
1—2500	G.E.	25/60	2300x4150
1—2400	G.E.	25/62½	2300/4150
1—2000	Whse.	25/62½	2300/2300
1—1000	G.E.	25/60	4000/2300
1—500	A.C.	25/60	11000/2300V

TURBO GENERATORS

Qu.	KW	Make	Desc.
1	1000	Moore	Auto - Ext. Cond. 175/1000 I.S.P. 2/1¼ G. Ext. Surface Condenser—3/60/2300.
	1000	G.E.	Non-condensing 115/200 lbs. I.S.P. 8/20 lbs. O.D.P., 480/3/60.
	750	G.E.	Condensing 435#-725°TT I.S.P. 440 V. 3 ph. 60 cy. New—1944
	750	Whse.	Non-condensing 125# I.S.P. 40# D.P. 150 Kw. 250 V. D.C.
	600	Moore	Non-condensing — 150/180 lbs. ISP 5/25 lbs. O.D.P.—2/60/480 volts direct connected exciter.
	500	G.E.	Non-condensing 115/200 lbs. I.S.P., 8/20 O.D.P., 480/3/60.
	400	Whse.	Non-condensing 125/150# I.S.P. 5/100 O.D.P., 240/480v. 3 ph. 60 cy.
	300	G.E.	Non-condensing 10/175# I.S.P. 5/150 D.P. 480V. 3 ph. 60 cy.
	250	Whse.	Non-condensing 150# I.S.P. 75 D.P. 240 V. 3 ph. 60 cy.

TRANSFORMERS

60 Cycles

Qu.	KVA	Make	Type	Ph	Voltages
1	5000	Whse.	OISC	3	33000x26400/13200
1	3000	G.E.	WCT	3	13800/6900x2300/440
1	2500	Whse.	OISC	3	26400/13200x2400
1	2500	G.E.	BVDDJ	1	66000x13200
1	2000	G.E.	WCT	3	13200/6900x2300/440
1	1750	G.E.	H	3	2300x480
1	1000	G.E.	HT	3	13200x2300
1	1000	G.E.	H	1	6600x240
1	1000	A.C.	OISC	3	13200x2300/480
1	1000	Pitts.	OISC	3	2300x480
1	1000	Al. Ch.	OISC	3	2300/4000x480
1	1000	Wagner	OISC	3	13200x230/460
3	500	Kuhl	OISC	1	13800x460
3	500	Whse.	OISC	1	13200x120/240
3	150	G.E.	HT	3	23000x120/208
1	150	Whse.	OISC	3	13200x2300/4000
3	75	Uptegraff	OISC	3	4160x240

*American Rebuilders Association — Member Body of A.S.A.

BELYEA COMPANY, INC.

OFFICE AND SHOP

43 HOWELL ST., JERSEY CITY 6, N. J.
PHONE JO 2-3334—N. Y. CITY LINE RE 2-7150