

GENERAL ELECTRIC COMPANY

GENERAL OFFICE: SCHENECTADY, N. Y.

GE-134

SALES OFFICES

ALA. BIRMINGHAM . . . 2031 First Ave., North	MICH. DETROIT . . . 700 Antoinette St.	OKLA. OKLAHOMA CITY . . . 15 N. Robinson St.
ARIZ. PHOENIX . . . 11 W. Jefferson St.	GRAND RAPIDS . . . 201 Monroe Ave., N. W.	TULSA . . . 409 South Boston St.
ARK. PINE BLUFF . . . 501 Main St.	JACKSON . . . 212 Michigan Ave., W.	PORTLAND . . . 329 Alder St.
CAL. LOS ANGELES . . . 5201 Santa Fe Ave.	MINN. MINNEAPOLIS . . . 107 South Fifth St.	PA. ERIE . . . 10 East Twelfth St.
SAN FRANCISCO . . . 235 Montgomery St.	DULUTH . . . 14 West Superior St.	PHILADELPHIA . . . 1405 Locust St.
COLO. DENVER . . . 650 Seventeenth St.	KANSAS CITY . . . 1004 Baltimore Ave.	PITTSBURGH . . . 535 Smithfield St.
CONN. HARTFORD . . . 18 Asylum St.	ST. LOUIS . . . 112 North Fourth St.	PROVIDENCE . . . 76 Westminster St.
NEW HAVEN . . . 129 Church St.	BUTTE . . . 20 West Granite St.	TENN. CHATTANOOGA . . . 536 Market St.
WATERBURY . . . 195 Grand St.	OMAHA . . . 409 S. Seventeenth St.	KNOXVILLE . . . 602 South Gay St.
D. C. WASHINGTON . . . 800—15th St., N. W.	N. J. NEWARK . . . 20 Washington Place	MEMPHIS . . . 8 N. Third St.
FLA. JACKSONVILLE . . . 11 E. Forsyth St.	TRENTON . . . 143 E. State St.	NASHVILLE . . . 234 Third Ave. N.
MIAMI . . . 25 S. E. Second Ave.	BINGHAMTON . . . 19 Chenango St.	AMARILLO . . . 802 South Grant St.
TAMPA . . . 112 Cass St.	BUFFALO . . . 39 East Genesee St.	DALLAS . . . 1801 N. Lamar St.
GA. ATLANTA . . . 187 Spring St., N. W.	NEW YORK . . . 120 Broadway	EL PASO . . . 109 N. Oregon St.
ILL. CHICAGO . . . 230 South Clark St.	NIAGARA FALLS . . . 201 Falls St.	FORT WORTH . . . 410 W. Seventh St.
SPRINGFIELD . . . 504 East Monroe St.	ROCHESTER . . . 89 East Ave.	HOUSTON . . . 1016 Walker Ave.
IND. FORT WAYNE . . . 1635 Broadway	SCHENECTADY . . . 1 River Rd.	SAN ANTONIO . . . 201 Villita St.
INDIANAPOLIS . . . 110 N. Illinois St.	SYRACUSE . . . 113 South Salina St.	SALT LAKE CITY . . . 200 S. Main St.
TERRE HAUTE . . . 701 Wabash Ave.	UTICA . . . 258 Genesee St.	RICHMOND . . . 700 E. Franklin St.
IOWA DAVENPORT . . . 511 Pershing Ave.	N. C. CHARLOTTE . . . 200 South Tryon St.	VA. ROANOKE . . . 202 S. Jefferson St.
DES MOINES . . . 418 West Sixth Ave.	AKRON . . . 159 South Main St.	WASH. SEATTLE . . . 821 Second Ave.
KY. LOUISVILLE . . . 455 South Fourth St.	CANTON . . . 700 Tuscarawas St., W.	SPOKANE . . . 421 Riverside Ave.
LA. NEW ORLEANS . . . 837 Gravier St.	CINCINNATI . . . 215 West Third St.	TACOMA . . . 1019 Pacific Ave.
SHREVEPORT . . . 513 Marshall St.	CLEVELAND . . . 925 Euclid Ave.	W. VA. BLUEFIELD . . . 307 Federal St.
MD. BALTIMORE . . . 39 W. Lexington St.	COLUMBUS . . . 17 South High St.	CHARLESTON . . . 304 Capitol St.
MASS. BOSTON . . . 140 Federal St.	DAYTON . . . 25 North Main St.	WHEELING . . . 40 Fourteenth St.
SPRINGFIELD . . . 1387 Main St.	TOLEDO . . . 405 Madison Ave.	WIS. MILWAUKEE . . . 990 St. Paul Ave.
WORCESTER . . . 340 Main St.	YOUNGSTOWN . . . 16 Central Square	

CANADA: Canadian General Electric Co., Ltd., TORONTO

HAWAII: W. A. Ramsay, Ltd., HONOLULU

Motor Dealers and Lamp Agencies in All Large Cities and Towns

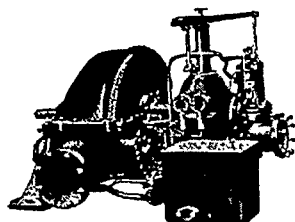
BROADCASTING STATIONS

WGV, SCHENECTADY, N. Y.

KOA, DENVER, COLO.

KGO, OAKLAND, CAL.

STEAM TURBINES FOR MECHANICAL DRIVE:



Steam Turbine for Mechanical Drive

G-E steam turbines for mechanical drive are built to operate circulating, boiler feed and other centrifugal pumps, also fans, blowers, and compressors. Impulse type; single and multi-stage; built for condensing or non-condensing operation, for either direction of rotation. They may be adapted for steam pressures from 80 to 400 lb., for either dry or superheated steam, vacuum of 25 to 29 in., back pressures from atmosphere to 125 lb.

and for speeds from 1200 to 5000 r.p.m. Lower speeds are obtained by using reduction gears.

Bulletin GEA-1145, Gears GEA-1201.

HYDRO-ELECTRIC STATION EQUIPMENT:

This Company manufactures water-wheel driven generators in any capacity. Both the horizontal and vertical types are individually designed to meet most efficiently the various requirements imposed by the supply of water available and the operating conditions involved.

In addition to water-wheel driven generators, complete G-E electrical equipment for hydro-electric developments is available and the service of the Company's engineers is at your disposal to assist in selecting apparatus.

G-E STEAM TURBINE GENERATORS:

G-E turbines are built in sizes from 10 kw. upward with d-c. or a-c. generators. The turbine generator sets are designed for continuous operation under varying conditions of load.

G-E turbines are distinguished by low cost of operation and reliability of service. They can be arranged for condensing or non-condensing operation, and for extraction of steam at intermediate pressures. The exhaust or extracted steam is free from oil and may be used to advantage for heating boiler feed water, for heating buildings, or for manufacturing processes.

See *Bulletins GEA-1011* and *GEA-1080* for turbine-generators, and *GEA-226* for surface air coolers which are used to supply cool, clean air to turbine alternators.

BELT-DRIVEN GENERATORS:

G-E belt-driven, d-c. generators are standard in capacities from a fraction of a kilowatt to 200-kw. capacity, standard voltages.

The a-c. generators are standard for various frequencies and voltages, from 15 to 600 kv-a.

Belt-driven generators both a-c. and d-c. can be furnished in larger capacities as required.

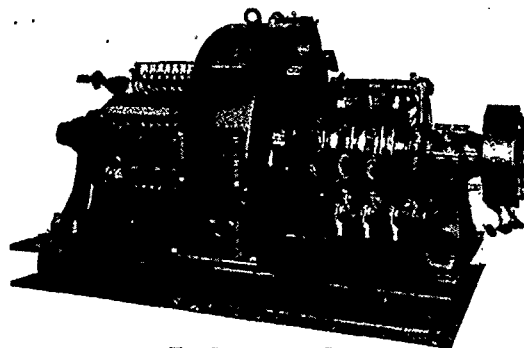
Bulletins are available.

SYNCHRONOUS CONVERTERS:

Sizes, 100 to 4000 kw., for 125, 250, 275, 600, 1200 and 1500 volts direct-current, 25 and 60 cycles.

G-E synchronous converters are especially suitable for electric railways and industrial plants where minute adjustment of the d-c. voltage is not required.

When voltage adjustment is required, or where it is necessary to



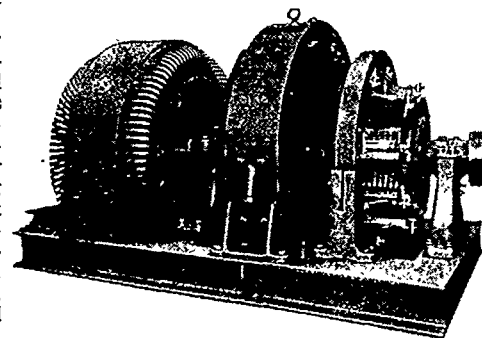
4000 Kw. Synchronous Converter

maintain constant d-c. voltage from a variable a-c. source, a synchronous booster is furnished with the converter. For low voltage industrial and electrolytic work, the regulating pole or booster type synchronous converter is recommended. By means of the booster, the d-c. voltage can be varied 15% to 20% in either direction from the average.

SYNCHRONOUS MOTOR-GENERATORS:

G-E has standardized a complete line of synchronous motor-generators for the conversion of alternating to direct-current. Their outstanding features are: constant speed; flexibility of

direct-current voltage control; capacity for powerfactor correction. All standard sets can also be arranged for starting from either the alternating or direct current end, at the option of the purchaser. Sizes, 50 to 4000 kw., for standard voltages and frequencies.



1000 Kw. Motor Generator Set

(See pages 480, 540, 597, 608, 796 and 797 for additional products of this Company)

Mechanical Catalog

Consisting of uniformly presented and illustrated catalog
information, conveniently classified, describing the
products of manufacturers of mechanical equipment

with

DIRECTORY OF MANUFACTURERS
OF INDUSTRIAL EQUIPMENT,
MATERIALS AND SUPPLIES

A specialized, classified and cross-indexed list
with names and addresses inserted free of charge

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