

Facilities / Capabilities Report



Information about Basler Electric Company,
its goals, facilities, people and product groups.

 **Basler Electric**



Mission Statement

We are a worldwide leader in providing quality products and services to our customers. Our mission is to operate our business at a profitable level that will sustain growth and provide security for our employees, customers, suppliers, and the communities where our facilities are located.

ISO Certifications

Basler Electric facilities have received the following ISO certifications.

Highland, Illinois	ISO 9001:2008	May 2009
Taylor, Texas	ISO 9001:2008	January 2010
Wasselonne, France	ISO 9001:2008	July 2011
Suzhou, China	ISO 9001:2008	February 2010

General Information

Officers

William L. Basler

Chairman of the Board of Directors
Chief Executive Officer and Treasurer

Gary D. Dolbeare

President and Chief Operating Officer

Greg Basler

Vice President, Manufacturing

Matthew L. Basler

Vice President, Engineering

Kenneth Parker

Vice President, Finance
Corporate Secretary

Ownership

Privately-Held Corporation
State of incorporation: Illinois
Company founded: 1942
Company incorporated: 1947
Type of business: Manufacturer

Quality Policy

“We satisfy our customers by delivering defect-free, competitive products on time. We accomplish this by knowing the requirements of our jobs and performing to the best of our abilities while striving for continuous improvement.”

Basler’s Quality Policy applies to all Basler manufacturing facilities and utilizes the same Quality System that is designed to comply with the requirements necessary to obtain the ISO certifications. The system stresses problem prevention, continuous process improvement, and compliance to well-documented procedures that involve all employees, suppliers, and associates. It encompasses all phases of quality planning, audit methods, quality records, work instructions, and test and inspection procedures. It establishes controls throughout the entire organization to ensure conformance to requirements in all departments of the company. It also ensures meeting quality objectives and minimizes the possibility of compromises that could affect product quality and reliability.

The management of Basler Electric is committed to providing the resources necessary to maintain the Quality System and processes associated with ISO Certification and to strive for continuous improvement through quality management.

Manufacturing Facilities

Location	Opened
Highland, Illinois	1942
Piedras Negras, Mexico	1990
Wasselonne, France	1990
Taylor, Texas	2003
Suzhou, China	2004
Singapore	2009

Corporate Headquarters

North and South American Sales & Customer Support

United States

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Highland, IL 62249-1074 USA
Tel: +1 618.654.2341 / Fax: +1 618.654.2351
e-mail: info@basler.com

www.basler.com

International Group

France

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FRANCE
Tel: +33 3.88.87.1010 / Fax: +33 3.88.87.0808
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China

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Industrial Park, 215122, Suzhou, P.R.China
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email: chinainfo@basler.com

Singapore

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Singapore 179098
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e-mail: singaporeinfo@basler.com

Product Groups

Basler Electric Company is organized into three product groups: Magnetic Product Group, Power Systems Group (Protection and Control Systems, Regulation and System Controls, and Excitation Control Systems), and International Group.

Magnetic Product Group

This group is responsible for the marketing, engineering, sales, and manufacture of custom magnetic components including transformers, chokes and coils. Product classifications include Class 2 Transformers, Small Power and Industrial Transformers, Large Dry-type Power Transformers, and Value-Added Electromechanical Assemblies. Transformers range in power from 5VA to 2800kVA and are manufactured in two North American facilities. Standard products carry applicable UL/CSA approvals, with custom products designed to meet various North American and international standards as dictated by the application and specified by the customer. Products are sold to OEMs (original equipment manufacturers) for

incorporation into their end products. These include heating and air conditioning systems, appliances, musical amplifiers, lighting controls, medical equipment, beverage dispensers, battery chargers, broadcast transmitters, elevator controls, and industrial welders, plus other applications.

International Group

The International Group is responsible for selling Basler products outside North and South America. Utilizing a team of direct sales personnel backed up by an extensive representative and distributor network, Basler enjoys sales in more than 100 countries. Basler Electric's Wasselonne Division in France provides sales, engineering, manufacturing, and technical support for Europe, Middle East, Africa and Asia, while the division in Suzhou, China, is responsible for sales, manufacturing, distribution, and technical support, exclusively for China. The Singapore division is responsible for Sales, Marketing and Technical Support focusing on the Southeast Asia region.



Power Systems Group

Protection and Control Systems

Basler engineers and markets utility grade BE1-series protective relays and automatic synchronizers. These products are applied at electric utilities, rural electric co-ops and municipalities, hydrogenerating facilities, independent power producers, and other industrial generating facilities. The extensive line of relays is in service worldwide in transmission, distribution and generation applications. Basler's first solid-state relay was developed in 1972 and laid the foundation for today's digital products as an alternative to traditional electromechanical relays. Basler has developed an extensive line of retrofit relays, some true plug-and-play and others with the identical cutout and hole patterns of electromechanicals. Our new products have evolved into software-based, multifunction communicating relays. Basler's BE1 Numeric Systems product line consists of rack and/or panel mount devices combining multiple protective functions with control, metering, data acquisition, Modbus™ and DNP3 protocols, IEC 61850, and Ethernet communication capabilities.

Regulation and System Controls

These products serve the needs of generator and genset manufacturers, genset assemblers, repair shops, switchgear assemblers, and other OEMs and end users in the electric power generating industry. In 1959, Basler introduced the first solid-state voltage regulator, the SR, which is still being applied worldwide. This product line expanded into a wide range of voltage regulators, accessories, system control devices and excitation control systems. The new products being developed by this group have evolved into digital, multifunction, communicating devices. The newest product family, DECS (Digital Excitation Control System), incorporates voltage regulation with several single function generator control devices into a microprocessor-based digital unit.

Basler's engine/genset controllers are easy to use, reliable and rugged. The DGC-2020 offers local/remote genset control, metering, paralleling control, synchronizing, generator protection, programmable logic, and SAE J1939 communications for your genset applications. The IEM-2020 Industrial Engine Module provides engine protection, engine metering, J1939 engine communications and extreme ruggedness for

industrial engine control applications. The capabilities of both products have been greatly enhanced via the add-on Load Share Module, LSM-2020; Contact Expansion Module, CEM-2020; and Analog Expansion Module, AEM-2020. When combined with the DGC-2020 or IEM-2020, these modules increase functionality by adding kW load sharing, generator sequencing, and Ethernet communications (LSM), increasing the contact I/O capability (CEM), and adding analog I/O capability (AEM). These modules are connected via simple J1939 communications and can be mapped into BESTCOMSPlus™ PC software.

BESTCOMSPlus software is a very powerful and user-friendly tool for communication, operation, maintenance and settings programming. It is available for products across the Power Systems Group line.

Excitation Control Systems

Basler developed its first Static Excitation system in 1974. These analog systems are still in service on several thousand generators; however, in the early '90s, Basler started development of a Digital Static Excitation Controller. The DECS-400 is the newest member of the DECS family, and offers an optional built-in Power System Stabilizer that provides supplementary damping for low frequency power system oscillations. It can be utilized as a stand-alone device, on a pan chassis, or in a cubicle as part of a complete system.

In June 2006, Basler acquired Cutler Hammer's Excitation Control product line. The addition of the ECS2100 controller enhances the DECS product line and expands the scope to fit a wider range of capabilities. Complete excitation systems provide automatic and voltage regulation, paralleling, and frequency compensation. These units can be specified for replacement of rotary exciters or pilot exciters during power plant retrofitting or applied as original equipment in new facilities. They can be applied to any generator found at electrical utilities, hydroelectric generating sites, and other large industrial generating facilities.

Basler has partnership arrangements to offer turnkey solutions for the excitation products in addition to our standard service offerings.