



**sorensen systems**  
Single-Source System Provider

## Sorensen Systems Takes the Lead Toward Renewable Energy and Power Generation

Sorensen Systems LLC is a privately-held company, which is one of three subsidiaries of THG Corporation, a Massachusetts corporation founded in 1933. Today, the Sorensen Systems company operates as the engineering and manufacturing arm of THG Corporation and its other two subsidiaries, The Hope Group LLC and Hope Air Systems LLC. It focuses on the water and waste water industry, the power generation industry and the motion and control and machine control systems marketplace. Its staff of design engineers, technicians and project managers operates from its 60,000 sq ft office and manufacturing location in Northborough, MA. Sorensen Systems was founded 25 years ago with the acquisition of the Sorensen Governor brand and immediately became focused on the hydroelectric power industry in New England and for certain applications throughout the world. Today, with representation in the US and Canada, the company continues its expansion into the power generation marketplace.



*The Sorensen Systems office and manufacturing facility is located in Northborough, MA near the intersection of Rt-290 and Rt-495 40 miles west of Boston.*

## System Solutions Philosophy Drives Sorensen's Design/Build Capabilities

Operating as the engineering and fabrication arm of THG Corporation, Sorensen Systems has an exclusive focus on system design/build. It does not inventory parts, replace or repair components or otherwise operate in the traditional MRO role, which is handled by its associated company, The Hope Group. Rather, it serves as a provider of design/build services to The Hope Group and Hope Air Systems as needed and takes its services directly to the market for the thermal and hydro power generation market, water and waste water distribution market and general motion and control systems for defense, semiconductor, life science and other industrial markets.



*A major manufacturer had a requirement for an integrated control system that required the design and assembly of a structural aluminum machine frame, pneumatic and automation assemblies, hose and stainless steel fittings and a PLC driven control system.*



**sorensen**  
INTEGRATED SYSTEMS

- Power Station automation
- Design/Build services
- Project Management
- Turbine-Governor-Valve integrator
- Equipment procurement/fabrication



**sorensen**  
GOVERNOR SYSTEMS

- Electro-hydraulic governors
- Digital governor conversion
- Gate and valve operating systems
- Self-contained actuator systems



**sorensen**  
ENGINEERED SYSTEMS

- Design/Build services
- Turnkey motion control systems
- Mechanical, hydraulic, pneumatic
- UL, CE, ISO 9001:2008 certified
- 60,000 sq ft fabrication facility



**sorensen**  
POWER GENERATION

- Combustion Turbine
- Combined Cycle
- Fossil Fuel
- Hydroelectric
- Nuclear

**SORENSEN SYSTEMS**  
Subsidiary of THG Corporation

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