

# Power Generation Solutions

## PRODUCTS

- ABEX Servo Valves
- Air Compressors
- Bearing Oil Cooling
- Black Start Systems
- Coatings
- Expansion Joints
- Filter Elements
- Filtration Systems
- Fluid Conditioning
- Hydraulic Power Units
- Inlet Fogging Systems
- Inlet Fuel Nozzles
- Nitrogen Generators
- Purification Units
- Senso Controls
- Steam Blowdown
- Varnish Removal
- Vibration Monitoring

### Sorensen Systems

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## MRO System and Component Solutions for Power Plants

Over the past 50 years Sorensen Systems has established itself as an innovator in power generation design/build, particularly in the hydroelectric energy field providing turbine rehabilitation, governor conversion and station automation systems.

Today, in partnership with Parker, it has expanded to meet the need for fuel-efficient, low-emission, high-performance energy from fossil fuel, combined cycle, combustion turbine and nuclear generation.

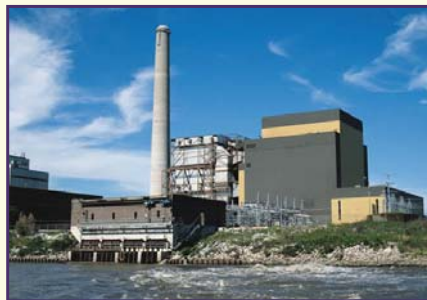
Using the latest technologies, the engineers at Sorensen Systems develop innovations to improve emissions performance, minimize waste, meet environmental regulations, monitor air and water quality, offer longer life, and help create greater fuel efficiency. The goal is to increase MW output, reduce operating costs, extend engine and component life, reduce maintenance costs and reduce emissions through greater efficiencies.



*Together, with Parker Hannifin, Sorensen Systems brings system and component solutions to modern power generation facilities including geothermal, wind, solar, nuclear, fossil fuel, gas turbine and combined cycle plants.*

## Parker Selects THG Corporation for Global Power Generation Team

Parker Hannifin, the world's leading motion and control manufacturer, has selected THG Corporation and its subsidiary, Sorensen Systems as one of six regional design/build engineering firms to partner with them as part of its Global Power Generation Team. This initiative is designed to expand Parker's penetration into the power generation market through direct link-up with premier industrial design/build companies.



*Power plants using coal, gas or oil, turn to us for high pressure pumping systems, steam control and instrument racks, continuous emission monitoring, coal off-loading systems, and oil monitoring systems.*

The four primary targeted markets are the Combustion Turbine, Combined Cycle, Fossil Fuel and Nuclear power plants. Together with its already well-established presence in the worldwide hydroelectric market, Sorensen Systems has increased its focus on the MRO requirements of power plant operators ranging from fluid monitoring to system upgrades for power units, pumping systems, expansion joints, and inlet fogging systems.