

Power Generation

Power Delivery

Air Quality & Environmental

Control Systems



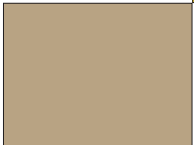
ENGINEERING & TECHNICAL SERVICES

SEGA INC. OVERVIEW

Sega Inc. is an employee-owned engineering and technical services firm that has been providing quality services for 38 years to the Energy Industry. Sega Inc. is uniquely focused on providing a single source for energy-related services. We provide a wide range of design, planning, procurement, construction, training, and field services to electric utilities, universities, industrial companies, and municipalities.

Our high-quality technical services, rooted in strong ethical business principles, are well received by our clients and resulted in the steady growth of our business. Founded in 1973 as a boiler control field services firm, Sega Inc. has since grown and expanded its service capabilities in response to the needs of our customers. We have seasoned technical specialists with experience in Power Generation, Power Delivery, Air Quality & Environmental, and Control Services.

Our combination of good business practices and a technically experienced staff, plus responsiveness to clients, has earned us the long-standing reputation for technical excellence that we continue to enjoy today.

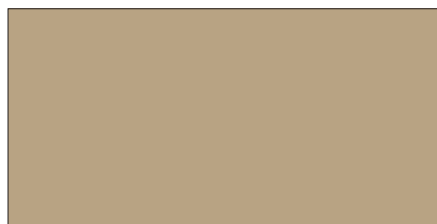
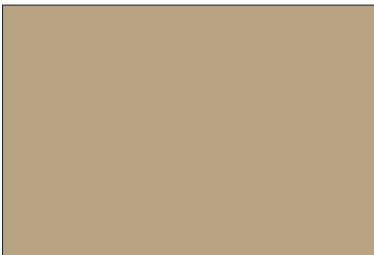


POWER GENERATION

With a growing population and a deregulated power industry, more megawatts are needed as existing plants age. We are responding to this need by providing services to plan, procure, design, construct, startup, and manage new generation projects. Our services on steam and electric generating units include: Planning and Feasibility Studies, Equipment Specifications, Civil and Foundation Design, Mechanical Design, Electrical and Controls Design, Major Overhaul Specifications, Life Extension and Condition Assessments, Remote Control Integration, and Construction Monitoring and Administration.

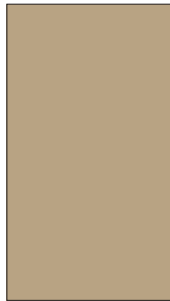
POWER DELIVERY

The design of electric generation and electric transmission and distribution facilities are important in producing low-cost energy and delivering it reliably to customers and users. Our seasoned engineers have electrical transmission, substation, and distribution experience with electric utility, institutional, industrial, and manufacturing facilities. Our services include Planning Studies and Reports, Conceptual Designs and Budgetary Cost Estimates, and Detailed Design of Transmission Lines, Distribution Lines, Substations, Communications Systems, and SCADA facilities. We can assist you with your power delivery needs by providing engineering, technical, and construction services.



AIR QUALITY & ENVIRONMENTAL

Our experience and technical knowledge of emissions control equipment allow us to apply the most cost-effective and appropriate technology for each application in today's quickly changing environment of regulatory and energy uncertainty. For air quality control engineering design projects, we offer a full range of engineering services including foundations and structural steel and ductwork design, mechanical piping and ash handling design, electrical, and instrumentation and controls design. Our field and construction management staff is experienced in coordinating the installation, startup, testing, and commissioning of new equipment. Our Air Permitting engineers have regulatory knowledge, permitting experience, and a technical understanding of facility construction and operation, which ensures a timely application submittal and approval process. This results in a strategically developed permit with the best compliance conditions possible for the facility operator and environmental manager, while not constraining operation. Whether it is NO_x , SO_2 , SO_3 , PM, HCl, Hg, CO or CO_2 emissions, we can provide the technical know-how to cost-effectively reduce emissions and strategically meet government mandated regulations.



CONTROL SYSTEMS

Sega Inc. has built a nationwide reputation for consistently providing high quality instrumentation and control system services including start up and commissioning, maintenance, testing, and troubleshooting. We have the resources and application-specific expertise to provide value added solutions for a variety of utility plant systems such as combustion controls, burner management, steam and electric generation and distribution, emissions monitoring, water treatment, and balance of plant controls. A quality control system upgrade improves the reliability, thermal performance, and maintainability of the plant. State of the art control systems have new features and capabilities that can help you maximize production efficiency, reduce downtime, and minimize your control-related costs. Equipped with in-depth knowledge of various control system platforms, Sega Inc.'s Controls Specialists apply advanced control techniques that help you realize the maximum benefit of your control system.

Civil Engineering

- GIS/GPS Mapping
- Site Layout
- 3D Visualizations
- Grading & Stormwater Calculations
- Wastewater Calculations
- Erosion & Sedimentation Control
- Underground Utilities
- Landscaping/Lighting
- Construction Permitting
- Construction Services

Structural Engineering

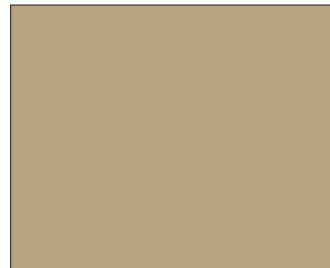
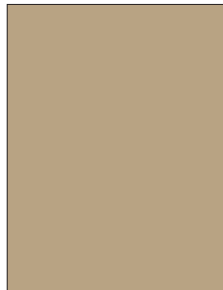
- Structural Studies
- Access Platform Design
- Structural Steel Design
- Concrete Foundation Design
- Retro Fit Design

Electrical Engineering

- Plans & Specifications
- System Studies
- Equipment Sizing
- One-lines
- Equipment Layouts
- Cable Schedules
- Raceway Layouts
- Electrical Schematics
- Termination Drawings
- Relay Settings
- Energization Procedures
- Substations

Mechanical Engineering

- Plans & Specifications
- Equipment Layout
- Flow Diagrams (P & ID's)
- Piping Design Tables
- Piping Plans
- Isometrics
- Connection Schedules
- Master Equipment List
- Valve Lists
- Piping Specials
- Stress Analysis
- Hanger Details
- Access/Pull Spaces



Sega Inc. combines the talents of

Civil, Controls, Electrical, Mechanical & Structural

engineers to meet the specific needs of our clients.

At our core is a group of seasoned technical specialists averaging more than 20 years of hands-on experience with energy production facilities. A project manager and corporate officer direct each project team to assure that our clients receive the attention they need.

Our Mission...

to provide the nation with the highest level of professional services consistent with our QE² principles.
Quality, Ethics and Economics

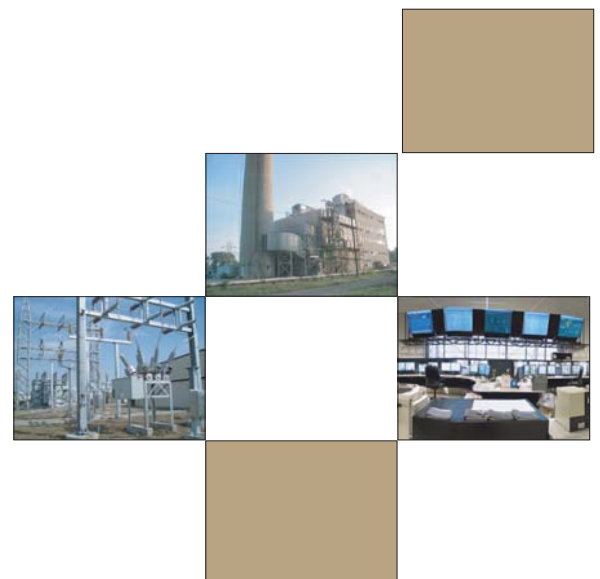
Our Principles...

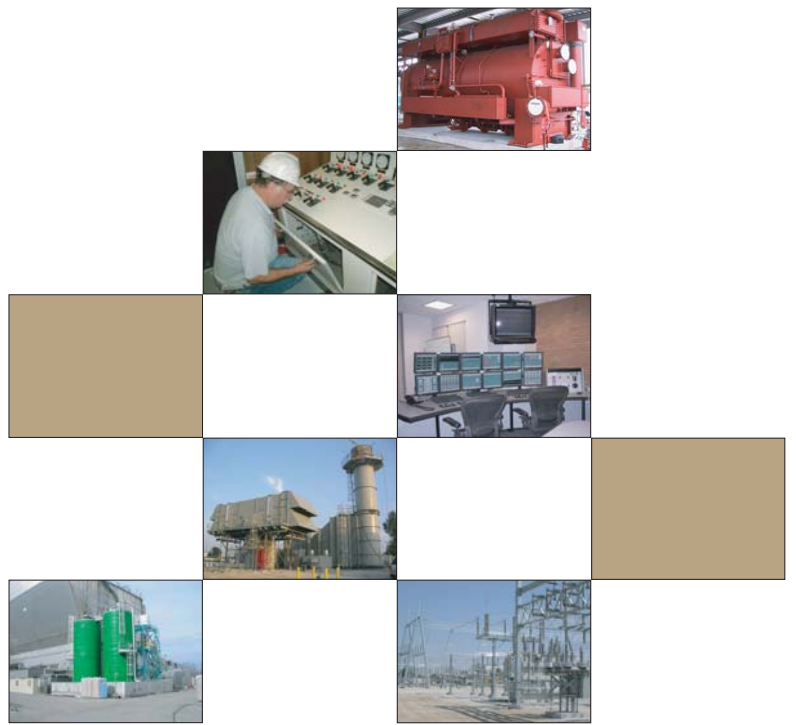
We Strive To...

Treat others precisely how we want to be treated; that is, honestly, respectfully, and friendly. This is the foundation of our standard of *ETHICS* and is our number one priority.

Provide unmatched professional services that consistently meet or exceed our clients' business needs and expectations. This is our signature of *QUALITY*.

Deliver services to our clients that yield the highest benefit-to-cost ratio for their investment in Segal while generating a reasonable profit for our firm. This will assure that our client relationships are built on a solid foundation of business *ECONOMICS*.





ENGINEERING & TECHNICAL SERVICES

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