

Power Delivery Environmental Energy



gai consultants®

Transforming
Ideas for the
Energy We Use

gaiconsultants.com/energy

Power Delivery Environmental

Focused on Your Goals

By 2040, demand for electric power is expected to increase by as much as 40% in some parts of the United States. Meeting those demands requires strong partnerships with trusted consultants. GAL's broad experience and strategic growth can be an asset when those demands become projects.

Our strongest advantage is our overall understanding of the project lifecycle. With survey, environmental, and design engineering working together in one company, each discipline is informed by the others—resulting in realistic, constructible solutions. To complement this strong base, we have in-house specialists providing niche services—underground transmission line design and threatened and endangered species studies—often eliminating the need to engage other firms.

We understand each client's processes are different, and we tailor our approach accordingly. We perform the work the way our clients do the work. Our clients have come to rely on this approach and our knowledge of the standards and schedules that are required for fast-paced projects.

Your goals are important. And if it's important to you, it's important to us.





We believe our clients have important goals,
and we make those goals our own.

What Distinguishes GAI

- Environmental, survey, and design engineering services in one company, benefiting clients with comprehensive and realistic solutions
- From siting through post-construction, we provide integrated services to support our clients' needs
- In-house ecological and cultural resources specialists eliminates the need to engage other consultants
- A company truly invested in improving clients' competitiveness

Power Delivery Environmental Services

Siting and Licensing

- Siting Studies
- Licensing Support
- Expert Witness Testimony
- Agency Coordination
- Visual Impact Assessment
- Public Outreach Programs
- Websites
- Environmental Due Diligence Support

Civil Design

- Site Design and Layout
- Access Road Siting and Design
- Erosion and Sediment Control Plans and Permitting
- Stormwater Management Plans
- Geotechnical and Geological Services

Environmental Permitting

- Wetland and Waterbody Delineation
- 404/401/Section 10 Permitting
- Floodplain Permitting
- Subdivision and Zoning Approvals

- Endangered Species Surveys (including bats)
- Roadway Permitting
- Federal Aviation Administration Permitting
- Phase I, II, and III ESAs
- Air and Noise Studies and Permitting
- Geographic Information System (GIS) Data Management

Cultural Resources

- Archaeology
- Predictive Modeling
- Phase I, II and III Surveys
- Historic Architecture Surveys and Documentation

Construction and Post-Construction Services

- Environmental Monitoring and Regulatory Compliance
- Stream and Wetland Mitigation Design
- Roadway Monitoring
- Invasive Species Mitigation
- Vegetation Management Plans
- Surveying

NERC Clearances

Line and Substation Design

Foundation Analysis and Design

Program Management

GAI can act as the overall Program Manager for your project. With environmental, survey, engineering, and other services in one company, we have the ability to see the many risks that could impact your project. GAI oversees siting, land activities, permitting, and engineering and facility design. We also provide oversight of construction and operational compliance programs.

**ONE
COMPANY**

**ENVIRONMENTAL
ENGINEERING
SURVEY**

**60⁺
YRS**

of service to the power
industry.





Connect with Our Experts

George T. Reese, CE

Vice President

T 412.399.5214

g.reese@gaiconsultants.com

About GAI Consultants, Inc.

Transforming ideas into reality[®], since 1958, GAI is an engineering, planning, and environmental consulting firm providing local expertise to worldwide clients in the energy, transportation, development, government, and industrial markets.



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