



INTEGRITY INTO EVERYTHING

# POWER & ENERGY



When the simple idea of doing things right is at the core of who you are, integrity is built into everything. It doesn't just happen—it's something you build with purpose.

From integrity comes a strength that only decades of engineering problem solving can bring to the table. It builds a confidence in knowing that you're connected to experienced advisors who listen first, and then invest themselves into every aspect of your project and your success.

## WE CREATE SOLUTIONS

Finley Engineering is an end-to-end consulting engineering company. We can manage all phases of a project, from initial planning to the final working system. We begin by understanding your business, your challenges, and your needs. Our broad range of capabilities makes Finley uniquely positioned to provide effective solutions. This single-source expertise affords you cost-effective efficiency, access, and accountability.

We have a single goal: to assure your project will be completed to your specifications—on-time, on-budget—and in compliance with applicable operating and environmental regulations.

## OPERATING WHEREVER OUR CLIENTS NEED US

Finley Engineering has over 250 employees located in permanent offices throughout the U.S., and we establish field offices based on specific projects anywhere in the country. This way, we provide our clients national resources with local reach.

## Our Clients

Whether the project is large or small, our clients know they can count on us for responsiveness, ingenuity, and excellence.

- Rural Utility Service Cooperatives
- Municipalities
- Investor-Owned Companies
- Public Utilities
- Energy Transmission Companies



## STRONG ON IDEAS. STRONG ON EXECUTION. STRONG ON DETAIL.

We've found that meticulous preparation ensures efficient construction, and can provide substantial savings. We develop standard design criteria and follow through with detailed planning, construction documents, and material lists.

Once the project is underway, we can provide construction observation and project management. Finley provides a broad range of capabilities, so you can choose the efficiency of turnkey system, or choose individual services that meet your specific needs.



### A Partner With Broad Services

Our planning and design for electric power systems includes all phases of distribution, transmission and substations from initial stages and site selection to construction management and startup.

- Power system studies and analysis
  - Short circuit
  - Load flow
  - Protective device coordination
  - Transient Stability
  - Arc-flash hazards
- Ground Grid Analysis
- Optimum regulator placement
- Optimum recloser placement
- Long-range planning
- Construction work plans
- Plans and Specifications
- Distributed Energy Resources (DER)
  - Distributed Generation
  - Solar / Wind
  - Microgrids
  - Energy Storage
- Rates and costs of service
- Financial and economic studies
- Asset management
- Load management
- System protection
- CAD/GPS/GIS
- Pole inspection
- Substations
- Transmission
- Distribution
- UAV aerial inspections
- Environmental reports
- 3D scanning and LiDAR surveys
- Design cost estimates
- Distribution system planning
- Construction observation
- Right-of-way procurement
- Permitting
- Joint use services