



SYSTEM PROTECTION ENGINEERING

System protection engineering strategies and applications are among the most important aspects in ensuring that a utility provides safe, reliable electric power. Unfortunately, the protection system is often overlooked since, under normal conditions, it goes unnoticed. These systems are only called on to operate when an unfortunate event occurs, therefore, it is easy to ignore them. Ignore with caution; this neglect can come at a cost, and it could be catastrophic.

Finley Engineering's Energy division has expertise designing, implementing, and testing protection and relaying schemes for all types of power systems, including generation, distribution, and transmission systems. We have licensed professional engineers specializing in power systems with over 35 years of experience designing protective relaying schemes.

Contact us today for more information.

- Electromechanical and microprocessor relay settings for transmission lines, substations, and distribution circuits, for voltages ranging from 4.16kV to 345kV.
- SEL Relays
- Post-mortem analysis of relay operations.
- Various types of studies, including:
 - Sectionalizing
 - Relay Coordination
 - Cost-of-Service
 - Distribution Capacitor
- AMI System Design & Data Analysis
- Analysis
 - Arc-Flash
 - Load Studies
 - Feasibility Studies
- Complete power system & substation protection:
 - Greenfield To Commissioning
 - Distribution System Design
 - Transmission Design
 - Generation Design
- Solar Farm protection & utility system integration.
- Modification of existing substation, including all drawings, for addition of new equipment.

For more information contact:

FINLEY ENGINEERING
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