

*Coler & Colantonio, Inc. was founded to provide technical assistance to the public and private sectors in the understanding of land, the environment, and man's influence upon them.*

*This firm recognizes the importance of these relationships and, by implementing innovative engineering and scientific solutions, seeks to provide to its clients the best direction in management of the Earth's fragile resources.*

*"Our Diversity is Our Strength"*

*AM/FM/GIS  
Civil Engineering  
Contract Operations  
Electric Utility Services  
Environmental  
Sciences & Permitting  
Environmental Services  
Gravity Surveys  
Pipeline Services  
Surveying Engineering  
Telecommunications  
Transportation Engineering  
Water & Wastewater*

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# ELECTRIC UTILITY SOLUTIONS

# ELECTRIC UTILITIES

## FEASIBILITY STUDIES

- Land and Utility Research
- Federal, State & Municipal Agency Consultations and Negotiation
- Field Investigations
- Route/Site Analysis and Selection
- Environmental Database Searches
- Workspace Configuration
- Access Analysis
- Permitting Identification and Assessment
- Conceptual Base Plan Development
- Cost Estimating

## AM/FM/GIS

- Geographic Information Systems
- Automated Mapping & Facilities Management
- Mobile Computing Applications
- Database Design/Development
- Custom Software Development
- Asset Management Systems

## PUBLIC RELATIONS AND PROPERTY RIGHTS

- FERC-Public Scoping Hearings
- State & Local Outreach Programs
- Landowner Notifications
- Property Easement Procurement and ROW Negotiations
- Construction Damages Evaluation & Settlements

## ENGINEERING SERVICES

- Conceptual Base Plan Development
- Cost Estimating
- Generation Facilities Major Sub-System & Ancillary Support System Upgrades
- Mechanical Layouts/Piping/Flow Schematics/P& ID
- Concrete/Structural Steel/Floor Plan Layouts
- Gas Fuel System Engineering
- Site Development

## SURVEY AND MAPPING

- GPS Control Networks
- Digital Orthophotography Generation
- Traverse & Detail Surveys
- Property Line Surveys
- Quad/Aerial Photo Based Overview Maps
- Hydrographic & Marine Surveys
- Gravity Surveys
- Dam Deformation Surveys

GENERATION



## GENERATION FACILITIES

- Base Load and Peaking Units
- New Plant, Re-Powering, and Expansions
- Gas, Oil, Coal, Hydro, and Wind

## ENVIRONMENTAL COMPLIANCE

- Soil, Water, and Groundwater Compliance
- Site Evaluation and Remediation
- Environmental Auditing/Compliance and Monitoring
- Hazardous Waste and Non-Hazardous Waste Project Management
- AST and UST Compliance

## CONSTRUCTION SERVICES

- Contractor Bid Preparation & Evaluation
- Material Specifications & Procurement
- Project Management and Inspection
- As-Built Documentation
- As-Built Mapping
- Design/Build

## CONTINGENCY PLANNING

- Emergency Response Planning
- Contingency Plans
- OPA-90 and SPCC Plans
- Risk Management
- Best Management Practices Development

## PERMITTING AND LICENSING

- Federal, State, and Municipal Environmental Agencies
- Federal DOT, State and Local Highway & Railroads
- FERC Applications
- Zoning Variances and Local Building Permits
- Environmental Impact Reports/Studies
- Environmental Resource Survey & Assessment
- Wetlands Delineation and Assessment
- Rare & Endangered Species, Wildlife Studies
- NPDES, SPDES, Stormwater Permits & Management
- Noise, Visual Quality, and Buffer Analyses
- Archeological Surveys

TRANSMISSION



## TRANSMISSION FACILITIES

- Transmission & Sub-Transmission Facilities
- Overhead, Underground, Riverbank, and Submarine Installations
- Substations, Switchyards, and Generation Interconnections
- New Lines, Expansions, Relocations, Reconductoring, and Maintenance

DISTRIBUTION



## DISTRIBUTION FACILITIES

- Overhead, Underground, Riverbank, and Submarine Distribution Lines
- New Lines, Expansions, Relocations, Reconductoring, and Maintenance
- Substations and Pole Storage Areas
- Operating Centers, Satellite Centers, Maintenance/Repair Yards

Feasibility Studies

AM/FM/GIS

Public Relations

Property Rights

Engineering Services

Survey & Mapping

Environmental Compliance

Construction Services

Contingency Planning

Permitting & Licensing