

- RENEWABLE GENERATION**
- STUDIES/DEVELOPMENT
  - ENGINEERING/ESTIMATING
  - PERMITTING
  - CONSTRUCTION SUPPORT

**AC/DC COLLECTOR SYSTEMS**

- STUDIES/DEVELOPMENT
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**ACCESS PLANNING**

- ACCESS ROADS
- EASEMENTS/LEGAL
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**COLLECTOR/STEP-UP SUBSTATIONS**

- PLANNING/DEVELOPMENT
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**NETWORK SUBSTATIONS**

- G.I.S. IMPLEMENTATION
- M.V. SWITCHGEAR SPECS.
- PLANNING/DEVELOPMENT
- ENGINEERING/ESTIMATING
- SMART GRID/SCADA
- EQUIPMENT SPECS/ RELAY COORDINATION
- BIDDING MANAGEMENT
- PERMITTING/CONSTRUCTION SUPPORT

**METRO DISTRIBUTION**

- HIGH-DENSITY AREA INFRASTRUCTURE MODIFICATIONS
- POTHOLES/PLANNING
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**NETWORK TRANSFORMER SITES**

- UNDERGROUND VAULTS
- PAD-MOUNTED TRANSFORMERS
- Y-SPLICING
- SES MODIFICATIONS
- POTHOLES/PLANNING
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**MASS TRANSPORTATION-DEDICATED POWER**

- LIGHT RAIL TRANSIT
- AIRPORT TRANSPORTATION
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**EHV TRANSMISSION LINES**

- SITING/DEVELOPMENT
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**UTILITY INTERCONNECTIONS**

- COORDINATION/DEVELOPMENT
- ENGINEERING/ESTIMATING
- INTERCONNECTION STUDIES
- EQUIPMENT SPECS/ RELAY COORDINATION
- BIDDING MANAGEMENT
- PERMITTING/CONSTRUCTION SUPPORT

**UTILITY EHV SUBSTATIONS/SWITCHYARDS**

- PLANNING/DEVELOPMENT
- NEW/EXPANSIONS/UPGRADES
- HARDENING PROJECTS
- ENGINEERING/ESTIMATING
- EQUIPMENT SPECS/ RELAY COORDINATION
- BIDDING MANAGEMENT
- PERMITTING/CONSTRUCTION SUPPORT

**STEP-DOWN SUBSTATIONS**

- PLANNING/DEVELOPMENT
- EXPANSIONS/UPGRADES
- NEW/RETROFIT
- ENGINEERING/ESTIMATING
- EQUIPMENT SPECS/ RELAY COORDINATION
- BIDDING MANAGEMENT
- PERMITTING/CONSTRUCTION SUPPORT

**TOR ENGINEERING**  
EXPERIENCE AND CAPABILITIES

- NEW DEVELOPMENT
- PROJECT MANAGEMENT
- PERMITTING
- STUDIES
- ESTIMATING
- INTERCONNECTIONS
- RENEWABLE GENERATION
- UTILITY COORDINATION
- TRANSMISSION LINE DESIGN
- DISTRIBUTION LINE DESIGN
- NEW ELECTRICAL SUBSTATION DESIGN
- RETROFIT SUBSTATION DESIGN
- RUS SUBSTATION DESIGN
- RELAY STUDIES/DESIGN
- SCADA DESIGN AND IMPLEMENTATION
- UNDERGROUND
- DISTRIBUTION DESIGN
- NETWORK TRANSFORMER SITE DESIGN
- SMART GRID IMPLEMENTATION
- D.O.T. ROAD WIDENING
- PROJECTS-ELECTRICAL
- UTILITY RELOCATIONS
- COMMERCIAL AND RESIDENTIAL DISTRIBUTION DESIGN
- DIRECT BURIED CABLE REPLACEMENT
- MAINTENANCE PROGRAMS-POLE REPLACEMENTS
- GEOGRAPHICAL INFORMATION SYSTEM MAPPING

**SMARTGRID IMPLEMENTATION**

- REMOTE-OP VOLTAGE REGULATOR CONTROLLERS
- REMOTE-OP CAPACITOR BANK CONTROLLERS
- REMOTE-OP OVERHEAD LINE SWITCHES
- REMOTE-OP PAD-MOUNTED SWITCHES
- SCADA
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**COMMERCIAL/RESIDENTIAL DISTRIBUTION**

- SUB-DIVISIONS
- APARTMENTS
- COMMERCIAL DEVELOPMENT
- STREET LIGHTING
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**UNDERGROUND CONVERSIONS**

- DEVELOPMENT UPGRADES
- D.O.T. ROAD WIDENINGS
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**OVERHEAD DISTRIBUTION**

- LINE EXTENSIONS/UPGRADES
- AGED CONDUCTOR REPLACEMENT PROGRAMS
- POLE REPLACEMENT
- MAINTENANCE PROGRAMS
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**DIRECT-BURIED CABLE REPLACEMENT**

- POTHOLES/PLANNING
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT

**UNDERGROUND DISTRIBUTION**

- NEW INFRASTRUCTURE/ MODIFICATIONS
- NEW FEEDERS/EXTENSIONS/PARALLELING/LOAD SHED
- MANHOLES, PULLBOXES, PULL CALCS.
- BRIDGE CROSSINGS
- POTHOLES/PLANNING
- ENGINEERING/ESTIMATING
- PERMITTING
- CONSTRUCTION SUPPORT
- G.I.S. MAPPING