LINX Engineering, LLC

Your link to engineering solutions

LINX engineers desire is to consistently solve client's problems no matter how simple or complex. The challenges we face are not viewed as obstacles, but as opportunities to excel.

Experienced

ELECTRICAL

- Lighting Systems
- Low Voltage Controls
- Power Distribution
- Fiber Optics
- Medium Voltage Design
- Transmission
- Emergency & Standard Power
- Grounding Design
- Lightning Protection Design
- Exterior Lighting
- Energy Studies

MECHANICAL

- Gas/Steam Turbin
- Coal and Gas Fired Boilers
- Water Chillers
- Heating, Ventilation & Air Conditioning
- Temperature & Controls
- Plumbing
- Humidification Control
- Cogeneration Systems

CONTROL AND INSTRUMENTATION

SCADA
- -Dial-up/leased communications
- -Power Monitoring
- -Ethernet networks
- - Fiber optics

TELECOMMUNICATIONS

- Consultants & Engineers, Not Vendors
- Transmission System Design
- Voice/data structured cabling
- Substructure Design
- System commissioning

Multidiscipline

Design Firm: Our firm can provide a full range of services for design of power systems and project management for power systems. We provide cost effective and efficient projects by establishing correlative relationships with the client, contractors and the design team. The principles of LINX experience have covered areas such as:

- Distribution
- Substation
- Transmission
- System Studies
- Controls
- Communications

Value Engineering: Our knowledge of energy systems provides our clients an innovative approach to solving the biggest challenges. We incorporate value engineering as part of our design process. This includes Initial Costs, Space, Energy Consumption, Life Cycle, and Quality.

Firm Foundation: LINX engineering staff is trained to provide precise calculations with today's state-of-the-art computer programs. This accuracy and documentation provide critical foundations for design plans and construction. The payoffs become obvious during the construction phase.

We believe that turnaround times are critical components of success. Our principles stake their reputation on meeting deadlines and adhering to schedules this in turn averts costly delays and downtime.

Of course, meeting deadlines and controlling costs are only part of the solution. Clients look for design innovations that take advantage of both proven and state of the art materials and technologies. They depend on LINX to constantly peer into the future and design not only for what is, but for what will be.

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Project Portfolio

The following examples are some typical projects lead by the principals of LINX in the Power industry:

Generation/Distribution:

- Biomass Cogeneration Projects, Riceland/Riviana Foods, Stuttgart and Jonesboro, Arkansas
- 490_MW, Unit 1, 5200_MW, Unit 2, Coal-Fired Generating Station, Unit 1, Grand River Dam Authority, Vinita, Oklahoma
- Dam No. 2 Hydropower Project, Arkansas Electric Cooperative Corporation, Dumas, Arkansas
- Proposed Lock & Dam 26R Hydropower Project, Sithe Energies, St. Louis, Missouri
- Lock and Dam No. 9 Hydropower Project, Arkansas Electric Cooperative Corporation, Morrilton, Arkansas

Substation:

- Two 500-kV Substations, Seven 115-kV Substations, Mississippi Power & Light Company, Mississippi
- 345-kV Sooner EHV Substation/138-kV Fox Substation, Oklahoma Gas & Electric Company
- Springfield Substation, Southwestern Power Administration, Springfield, Missouri
- Substation Expansions/Modifications, Southwestern Power Administration
- 345-kV, 800-MVA EHV Substation, Grand River Dam Authority, Oklahoma
- Substation Design/Installation, Mississippi Power & Light Company, Jackson, Mississippi
- 115-kV Substation, Iverness, Mississippi

Transmission:

- 345-kV Transmission Line, Southwest Electric Power Co. and Grand River Dam Authority
- 161-kV and 69-kV Transmission Lines, City of Springfield, Missouri
- 345-kV EHV Transmission Line, Grand River Dam Authority, Vinita, Oklahoma
- Electrical System Improvements, City of Coffeyville, Kansas

Controls/Communication:

- 1,000-kW Power Plant Controls, U.S. Army Corps of Engineers
- Electrical System Upgrade, INTELSAT World Headquarters and Satellite Control, Washington, D.C.
- 345/161-kV Switching Station, Grand River Dam Authority, Northeastern Oklahoma

System Studies/Conversions:

- Electrical System Improvements, City of Coffeyville
- Sallisaw Electrical Mapping, Miscellaneous Consulting Services, Sallisaw
- Power Supply Study, City of Pryor, Oklahoma
- Sallisaw Distribution System Voltage Conversion, Miscellaneous Consulting Services, Sallisaw, Oklahoma