



## Prequalified Ready Employees for Power

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### CLIENT OVERVIEW:

Major IOU serving 2.7 million customers in NY and ME, in the midst of the largest infrastructure upgrade in the US, seeks key talent addition to their Electric System Engineering group supporting three IOUs in New England.

Prequalified Ready Employees for Power, LLC  
5113 Piper Station Drive, Suite 206  
Charlotte NC 28277-6690

OFFICE 704.752.6414  
CELL 704.641.4417  
FAX 704.752.4224

A DIVISION OF SADINSKY & PARTNERS INTL. LLC

**JOB TITLE:** Lead Engineer – Electric System Planning

### JOB REQUIREMENTS:

**Education & Experience Required:** Bachelor's in Electrical Engineering / Technology or related field of study.  
A minimum of 5 years of experience in electrical transmission and/or distribution system planning.

**Certifications:** Professional Engineering certification preferred. Military experience preferred.

### With Advanced knowledge of:

- Knowledge of electric system planning.
- Knowledge of national and international standards, and regulations and compliance requirements associated with power system planning.

### Skills/Abilities:

- Results orientated and proactive drive for excellence.
- Strong verbal, written, and analytical skills.

### JOB SUMMARY:

Provide technical guidance, review, and approval of system level engineering work in a group of technical and professional specialists. Develop long and short-term plans for the transmission system to meet current and projected customer needs and is responsible for compliance with regional Independent System Operator, Northeast Power Coordinating Council (NPPCC), and North American Electric Reliability Corporation (NERC) planning and design criteria and reliability standards, and Federal Energy Regulatory Commission (FERC) tariff requirements. Responsible for load flow and/or dynamic stability simulations and System Impact Studies. Determine system limitations and modifications required to meet planning criteria. Represent the department and the companies on a variety of special project teams and regional and/or national committees.

### MAJOR ROLES AND RESPONSIBILITIES:

1. Plan and support approval of system level projects by providing direction and coordination with other employees across departments, engineering to operations groups, regulators, government agencies by preparing filings and testimony and as a witness, representing company in external meetings and ensuring compliance with mandatory reliability standards. Interacts as required with customers and other utilities to understand expectations and comply with standards. Ensure proper application of power delivery system reliability, design, and construction standards of New York and Maine.
2. Coordinate the planning, design and operation of the power delivery system with other departments, utilities, energy suppliers and regulatory bodies. Review and recommend documents, design options, calculations, engineering reports, material purchases, standards and specifications. This aspect of the job requires specialized knowledge of internal processes, individual standards for the different designs and Article 7 of the New York State Public Service law, or the Certificate of Public Convenience and Necessity for Maine.
3. Analyze system level engineering alternatives to evaluate complex projects as a result of getting involved and seeking approval from government regulatory bodies, internal multiple site leaders and the industry standards, including field conditions, design, resource requirements, outage contingency plans, and prioritization of economic considerations for capital budget proposals. Review and approve system level data bases for load flow, short circuit, and stability models.
4. Negotiate contracts (starting from \$100 thousand to \$10 million US, approx value); administers contract terms and conditions, and monitors state, FERC, and NERC compliance; and help the organization negotiate contract settlements.
5. Represent the company on regional and national committees. Serve as a vital resource in the technical development of lower level engineers and cross-department employees. Direct engineering contractors and consultants. Plan and coordinate larger-scale engineering projects on an average \$10 million US value and within either Maine or New York while assisting as a technical specialist for system level operations, construction, and planning support.

**CAREER SUMMARY:** This is a Career Building opportunity with a major IOU on major power system upgrades setting the bar meeting and leading national standards in system operations protection and control schemes.