

## **ENGINEERING AND POWER SUPPLY MANAGER**

### **PURPOSE AND NATURE OF WORK**

Position is responsible for all Power Production and Engineering services of the Lafayette Utilities System and the Lafayette Public Power Authority, which include electric transmission & distribution engineering, utility marketing, water / waste water engineering, and a substantial five year capital budget, as well as engineering services for a large fiber optic based communications system. Incumbent works under the general direction of the Director of Utilities, and has supervisory responsibilities for a large, professional and technical engineering and power plant operations/ maintenance staff.

**ILLUSTRATIVE EXAMPLES OF WORK (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed nor does any incumbent necessarily perform all of these duties.)**

Reviews, through Engineering Division supervisors, works in progress and plans regarding transmission / distribution engineering, water / waste water engineering, and system planning engineering. Reviews, through a power plant supervisor, operations and maintenance of five gas fired power generation units, three with oil reserve capability. Reviews and monitors, on behalf of LPPA, operation of a large jointly owned coal fired generating plant that is operated by an investor owned utility. Reviews, through engineering supervisors, the design and construction of the communications system.

Monitors construction management and capital budget expenditures in area of water / waste water plant and systems, as well as generating unit control modernization and plant equipment rehabilitation / preventative maintenance / repair. Reviews, through subordinate staff, operation and maintenance of high pressure gas pipeline servicing the power plant. Reviews through Engineering Division supervision, power marketing and rate development for large retail or wholesale customers and water / waste water service community clients. Represents the Lafayette Utility System in meetings and in review of interchange agreements, sales contracts, contracts for services / construction, purchase of generation fuels and related goods and services.

Interviews prospective employees, evaluates performance, trains, evaluates, counsels and recommends pay rates relative to performance of employees in the Engineering and Power Supply Divisions as appropriate. Acts as Departmental Director as required.

Performs related work as required.

### **NECESSARY KNOWLEDGES, ABILITIES AND SKILLS**

Thorough knowledge of principles and practices of electrical engineering of and for electric transmission, distribution and generation.

Thorough knowledge of regulatory environment of electric generation, transmission, distribution, wholesale and retail sales; water / waste water utility construction and services, as well as commercial data, video and voice communications.

Thorough knowledge of principles and practices of engineering, construction, and operations of a fiber optics based city wide communications system.

Thorough knowledge of accepted and required methods of capital budgeting, project administration and contracting.

Thorough knowledge of the organization's policies and procedures for purchasing and procurement, budget preparation and revision, risk / safety management and personnel management.

Ability to accurately estimate costs of services, their time and equipment requirements and to negotiate contracts based on these.

Ability to form and maintain effective working relationships with representatives of other utilities, contractors, customers, elected officials and general public.

Ability to communicate clearly, verbally or in writing.

### **DESIRABLE TRAINING AND EXPERIENCE**

Baccalaureate degree in an engineering field directly related to utilities with extensive professional experience in engineering and management of electric, water / waste water, power generation, and fiber optic based communications, utilities, or an equivalent education and experience.

### **NECESSARY SPECIAL QUALIFICATIONS**

Registration as a professional engineer in Louisiana or a state participating in reciprocal recognition.  
Possession of a driver's license valid in Louisiana.