

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/wastewater engineering, and a substantial five year capital budget. 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 and distribution engineering, water/wastewater engineering, and network engineering. Reviews, through a power plant supervisor, operations and maintenance of two gas-fired power generation units. 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. Ensures compliance with all applicable local, state, and federal ordinances, codes, and regulations.

Monitors construction management and capital budget expenditures in areas of water/wastewater plant and systems, as well as generating unit control modernization and plant equipment rehabilitation and preventative maintenance and 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/wastewater service community clients. Evaluates and makes decisions related to MISO market activities, including energy and gas supply transactions. Represents the Lafayette Utilities System in meetings and in review of interchange agreements, sales contracts, contracts for services and construction, and the purchase of generation fuels and related goods and services.

Interviews prospective employees, evaluates performance, trains, evaluates, counsels, and reviews 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, energy market activities, wholesale and retail sales; and water/wastewater utility construction and services.

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 and 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 in the management of electric, water / wastewater, networking, and power generation facilities.

NECESSARY SPECIAL QUALIFICATIONS

Registration as a professional engineer in Louisiana or a state participating in reciprocal recognition. Valid driver's license to apply, and valid Louisiana driver's license prior to appointment.