

# MANAGER OF TRANSMISSION PLANNING & COORDINATION

Imperial Irrigation District

(El Centro, CA)





## ABOUT IID

Situated in the agriculturally rich Imperial Valley of Southern California, the Imperial Irrigation District (IID) delivers water to approximately 521,800 acres of highly productive farmland and provides wholesale water to local municipalities within its approximately 1,658 square mile service area. Established by a vote of the people in 1911, the District is the nation's largest irrigation district. Ninety-seven percent of the water it provides is used for agriculture in the Imperial Valley. The remaining three percent is delivered to nine Imperial Valley cities that treat it to safe drinking water standards and sell it to their residents.

In order to take advantage of the hydroelectric generation potential of the All-American Canal, the District entered the power business in 1936 and is now the third largest public power utility in the State and is widely regarded as an economic catalyst in the Imperial and Coachella Valley regions.

With a combined work force of approximately 1,350 employees, the District is leading the way in irrigation efficiency and innovation, while expanding the range of value-added energy services including the promotion of renewable energy resources in this dynamic desert corridor. IID's annual operation and capital budgets are approximately \$590 million and \$20 million, respectively. IID plans to develop over \$400 million in capital projects from 2016 through 2020 with an expectation that development will continue well into the future.

The District is governed by a five-member board of directors elected by the citizens residing within the District's water service area. The board has full and independent authority to establish the rates charged for all District services. The District is not subject to retail rate regulation by any state or federal regulatory body, and is empowered to set retail rates effective at any time. Changes in electric retail rates require a public hearing followed by formal action by the board. Regarding water rates, California Constitution Proposition 218, a state ballot initiative known as the "Right to Vote on Taxes Act" affords property owners and tenants the opportunity to file written protests against proposed fees and charges applicable to property related services. If written protests against the proposed fee are presented by a majority of owners of the identified parcels, the fee or charge may not be imposed.

Additional information can be found at [www.iid.com](http://www.iid.com).

## THE ENERGY DEPARTMENT

IID serves electricity to more than 150,000 customers. Its energy service territory covers 6,471 square miles, including all of Imperial County along with parts of Riverside and San Diego counties. With low electric and water rates, an abundance of natural resources, a capable workforce and a close proximity to the border, this region has turned into a destination for business and industry of all kinds.

As a consumer-owned utility, IID's Energy Department works to efficiently and effectively meet its customers' demands at the best possible rates, tying its service area's low-cost of living directly with low-cost utilities. The District accomplishes this by producing 30 percent of its power supply locally, using efficient, low-cost hydroelectric facilities, steam generation facilities, as well as several natural gas turbines.

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IID emphasizes environmentally friendly operations by employing as many “green” resources as available. Its diverse resource portfolio provides customers with some of the lowest rates in southern California.

IID controls more than 1,100 megawatts of energy derived from a diverse resource portfolio that includes its own generation, and long- and short-term power purchases. IID is currently capitalizing on new technologies, securing affordable energy resources, expanding its capacity for local generation and strengthening its power delivery system—while caring for the environment. As a vital public power institution, IID is able to deliver incredible advantages, and outstanding value to everyone it serves.

## THE POSITION

The Manager of Transmission Planning and Coordination is a highly responsible and critically important position at IID as the incumbent performs tasks and manages functions that directly impact district system electric reliability and safety of customers. The incumbent leads all transmission and distribution planning activities for the District, guides and mentors planning staff, oversees the work of planning consultants, and shares responsibility for complying with North American Electric Reliability Corporation (NERC) and Federal Energy Regulation Commission (FERC) orders and directives pertaining to system transmission reliability and emergency restoration.

In addition, this individual reviews and approves proposed expansion projects; directs development, implementation and monitoring of a comprehensive FERC compliant transmission expansion plan; and directs the preparation of section capital projects, operations and maintenance budgets.

The Manager of Transmission Planning and Coordination is required to be available after hours to respond to questions regarding transmission engineering and share standby responsibility with other supervisory personnel. He/She must be available to attend business travel.

## ESSENTIAL DUTIES AND RESPONSIBILITIES

The examples of essential functions listed below are representative but not necessarily exhaustive or descriptive and incumbent may be assigned other related functions not listed herein if such functions are a logical assignment for the position.

1. Manages assigned services and activities of the planning section including system reliability improvements, electric system capital project management, generation implementation and capital projects and power quality of the transmission and distribution systems.
2. Directs and supervises the development of studies related to expansion or improvement of the transmission system including power supply economics, generation, transmission systems, forecasting, regulatory and legislative impacts.
3. Recommends and directs the preparation of capital projects, ensures reliability of the electric system; participates in scoping and implementing capital projects; prioritizes capital project schedules, ensures appropriate staffing levels, material, equipment resources and expenditures remain within budget; resolves planning consultant contract issues.
4. Prepares planning consultant service agreements, requests for proposals and related contract documents for a variety of capital project and planning studies; evaluates and participates in the selection of outside consultants; negotiates contract agreements and manage the activities of selected consultants.
5. Prepares or supervises the preparation of special reports related to load management, energy conservation, co-generation, solar power installations, resources recovery and other such innovative projects and investigates feasibility of integrating power marketing agreements and power purchases from other utilities.
6. Represents the district in electric industry planning committees, forums and agencies; directs through subordinate the development of agreements with adjacent transmission owners for the design, construction and operation and maintenance of joint transmission facilities.



7. Develops and manages demonstration projects or feasibility programs to assess new technologies; directs the system planning personnel in safe, reliable and economic development of system planning analysis for system operation.
8. Directs long-term transmission planning studies consisting of power flow, transfer capability and economic dispatch; develops, performs or supervises strategic planning assessments to identify long-range business opportunities and partnerships.
9. Directs and coordinates the activities of the planning staff in the preparation of forecasts of energy requirements and peak demands; prepares and presents recommendations to management, advisory commissions and the Board of Directors.
10. Provides coordination and technical support for ongoing strategic business planning within the service group related to the energy system technology integration, telecommunications services and regulatory/legislative initiative.
11. Confers with electrical department management and other technical/administrative staff of the department, city consultants, engineers and the general public on various matters related to the system planning division responsibilities
12. Directs development, implementation and compliance with FERC-required codes of conduct governing communications, provision of transmission information and relationships between transmission planning staff and other entities.
13. Evaluates employee job performance and recommends personnel actions such as promotions, merit increases, and disciplinary actions.
14. Participates or assists in the selection of employees adhering to district policy and procedure.
15. Initiates and ensures through subordinate supervisors that staff receives continuing education for career development and to stay current on job duties, responsibilities and requirements.
16. Directs and leads, through subordinates, participation in Western Electric Coordinating Council (WECC), NERC, West Connect, California Independent System Operator (CAISO), other agencies or organizations; develops required reports.
17. Provides transmission system project-related construction plans to the system operations section and outside entities.
18. Manages contractors through subordinates involved in preparing engineering designs and drawings for pending projects; ensures adherence to performance contracts and project time schedules.
19. Manages the transmission planning and coordination unit and is responsible for the direction, coordination and evaluation of this area.

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20. Carries out supervisory responsibilities in accordance with district policies, NERC and FERC standards and directives and applicable laws.
21. Responsibilities include interviewing, hiring and training employees; planning, developing, organizing and administering department mission; appraising performance, rewarding and disciplining; addressing complaints and resolving employee issues.

## THE IDEAL CANDIDATE

The Manager of Transmission Planning and Coordination position at IID offers highly motivated energy policy and planning professionals a once in a lifetime opportunity to create a planning unit from the ground up. The Manager will work collaboratively with others to provide the vision, structure and leadership to guide all of the District's energy planning activities. Consequently, he/she must be an inspirational leader who is enthusiastic about building a high functioning team and passionate about sharing his/her experience with subordinates and stakeholders throughout the District. The Manager of Transmission Planning and Coordination will enjoy strong support from the Energy Department's executive management team.

The ideal candidate will be a well-rounded self-starter with in-depth knowledge of the engineering principles and practices that apply to planning, development, design, construction, operation and maintenance of transmission, distribution, substation systems. To ensure regulatory compliance, the incumbent must be familiar with FERC regulations, WECC and NERC standard and directives, General Orders 95 and 128, National Electrical Code: State of California Electrical Safety Orders, and local inspection requirements.

The best qualified candidate will have extensive knowledge of the Western Grid, be intimately familiar with CAISO requirements, and show a commitment to active participation in professional organizations. A professional background that includes work in a regulatory agency and involvement in legislative affairs is preferred. This person must be able to maintain positive relationships with other utilities.

The selected individual will be highly organized, creative and diplomatic. This person will be expected to review and interpret complex policy, technical and financial data; perform studies; write clear and concise reports; and effectively present information to the board of directors, management, contractors, vendors, public and private agency representatives, public groups, land owners and employees. Consequently, superior analytical abilities and excellent written and oral communication skills are required. Experience interacting with councils, boards, and elected officials is highly desirable.

## Education and Experience

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Bachelor's degree in engineering or a related field and;
- Six years of increasingly responsible supervisory electric systems planning program management experience including administration of transmission, distribution and substation or related electric utility experience with an electric utility or a similar industry.
- A valid driver license issued by the State of California, Department of Motor Vehicles is required.
- Registration with the State of California as a professional engineer is desired.
- Familiarity with Aspen and PowerFlow is preferred.

**NOTE: All individuals selected to be interviewed for this position will be required to take a written exam.**

## COMPENSATION AND BENEFITS

IID offers its employees competitive salaries and a comprehensive benefits package. The salary range for Officer, Strategic Business is \$135,000 to \$173,000 per year. The benefits package includes:

- An indemnity/PPO medical benefits plan (you pick your own doctor and specialists)
- Prescription plan
- Employee assistance plan
- Mexico PPO plan
- Vision plan
- 401(a) retirement plan
- Financial education
- Group term life insurance plan
- IRS Section 125 Flexible Spending Accounts
- Wellness screenings
- Deferred compensation plans
- Integrated disability management plan
- Short term/long-term disability plan
- Voluntary universal and term life plans
- Cancer plan
- Accident insurance
- Critical illness plan
- U.S. savings bonds
- Retiree medical benefits
- Survivor medical benefits
- Tuition reimbursement
- Apprenticeship program

## HOW TO APPLY

Position open until filled. Please apply on-line at [www.allianceRC.com](http://www.allianceRC.com). For questions and inquiries, please contact:

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