



BONNEVILLE POWER ADMINISTRATION
DETAIL – NON-COMPETITIVE TEMPORARY PROMOTION OPPORTUNITY
INTEREST ANNOUNCEMENT # BPA-26-IA-TPPC-013

J09056, Supervisory Electrical Engineer, GS-850-14
Pay Range: \$141,842 - \$173,756
Full-time for 120 days

OPENS: 12/11/2025

CLOSES: 12/20/2025

POSITION LOCATION: Vancouver, WA

WHO MAY APPLY: Any Bonneville Power Administration employee with current competitive career conditional/career status currently at the GS-13 or 14 (or equivalent) grade level. This is a non-competitive temporary promotion or detail NTE 120 days. Employees will need to confirm they have their supervisor's approval when applying for the non-competitive temporary promotion or detail.

Employees who have non-competitively served a total of 120 days in a temporary promotion or detail to a higher grade within the preceding 12 months are not eligible for a higher-graded opportunity. Contact Pearl Phadungcharoen at pkphadungcharoen@bpa.gov or 503-230-5320 if you have questions regarding your eligibility.

NOTES: The successful candidate will be detailed or non-competitively temporarily promoted to the position of Supervisory Electrical Engineer. Selection from this interest announcement is subject to the requirements of applicable employment practices. Any promotion associated with this announcement will be subject to the following:

- When an employee already holds the same grade or higher as the position of interest on a permanent basis, then the action will be processed as a detail and may be made for a period up to one year, in 120-day increments. When appropriate, details may be extended for an additional year, in 120-day increments.
- When an employee holds a lower graded position or is in a position with lower-graded promotion potential than the position of interest, she/he is prohibited from serving in a higher-graded position for more than 120-days in a 52-week period. The action may be processed as a detail or non-competitive temporary promotion at management's discretion. Employees selected for a non-competitive temporary promotion must meet time in grade, experience, and any minimum education requirements specified under Special Skills & Abilities below. Those who do not meet the time in grade or qualifications requirement(s) may be eligible to accrue experience during a detail. Non-competitive temporary promotions or details to a higher grade may not be extended or made permanent.
- The employee will be returned to his/her permanent position of record (i.e., position prior to detail) upon completion of the non-competitive temporary promotion or detail opportunity.
- Temporary promotions and details may be terminated at any time based on the needs of management.
- Multiple selections may be made from this interest announcement to fill the position on a rotational basis.

GENERAL INFORMATION:

The individual selected will report to Kyle Kohne.

This position is located in the Transmission Infrastructure Development Planning (TPPC) of Transmission Planning (TPP), Transmission Planning and Asset Management (TP), Transmission Services (T), Bonneville Power Administration (BPA).

The purpose of this position is to serve as the supervisor of the Transmission Infrastructure Development Planning (TPPC) in the area of Line and Load Interconnection Planning and Project Development, including Project Coordination and Project Requirement Diagram (PRD) program development. The incumbent is responsible for administering the Line and Load Interconnection Planning Program and associated compliance requirements and ensuring continuous improvement in the Program. The incumbent is also a Subject Matter Expert in transmission system modeling of Transmission Facilities for Steady State and Transient Stability studies.

The incumbent will provide guidance and supervision to ensure the Line and Load Interconnection Program provides a flexible, scalable, operationally efficient and economical approach to interconnecting new large loads onto the BPA Transmission network. The incumbent will ensure participation in Impacted Party process when adjacent Transmission Providers interconnect large loads that have an impact on the Bonneville network to ensure adverse impacts are mitigated and reliability is preserved, prior to the interconnection being made. The incumbent will also ensure continuous improvement for TPP's role in Project Development and Project Requirement Diagrams.

The incumbent will provide authoritative advice and guidance to agency officials and executives, adjacent Planning Coordinators and Transmission Planners, the Regional Planning Entity, WECC, FERC, NERC, DOE, and the National Labs in the area of large load interconnections. .

DUTIES:

The incumbent directs the activities of the TPPC staff comprised of professional electrical engineers. This position also directs any associated supplemental labor, engineering and/or other contractors as needed to carry out support activities for Transmission Planning (TPP).

Major Duties

(75%) Provides administrative and technical supervision to employees in the GS-0850 Electrical Engineering occupation performing work in Transmission Infrastructure Development Planning (TPPC). Establishes work priorities, issues guidance and instructions, assigns work, evaluates performance, provides counseling on technical and administrative matters, recognizes achievement, initiates disciplinary actions, participates in the interviewing and hiring of new employees, makes recommendations regarding promotions and reassignments, and implements career development and training programs. Provides leadership and support in administering the Bonneville EEO program for applicants and employees. Provides and ensures fair and equitable treatment for all employees in implementing HR policies and practices including recruitment, selection, placement, counseling, training, career development, promotion, and adverse action, and communicates support of these policies to staff members.

(25%) Infrastructure Development Planning

- Oversees and provides direction to professional, highly skilled Electrical Engineers in planning activities related to the Pacific Northwest Transmission system. Oversees the execution of highly technical studies and implementation of complex policy to establish a transmission plan to meet regional obligations a minimum of 10 years into the future.

- Provides routine oversight in the development of plans for modification and addition to BPA transmission system to reinforce flowgates, interties and local areas to meet transmission system needs for existing obligations, interconnection requests for generators, line or load additions and long-term firm transmission service requests.
- Provides guidance, advice as well as performs power system simulations that include power flow, voltage stability and transient stability studies on large-scale power system including analyzing and interpreting study results to identify problems and potential solutions.
- Provides expert advice and assesses transmission system performance against NERC/WECC/BPA reliability standards and criteria. Provides expert advice on near term and long term BPA Transmission system problems including on development plans to mitigate such problems and strengthen the system to meet the NERC reliability standards and WECC and BPA reliability criteria.
- Analyzes BPA and regional transmission system performance to identify cost effective projects for application of non-wire solutions such as demand response, distributed energy resources and energy conservation to improve BPA transmission system efficiency.
- Develops, validates and implements power system models in transmission system studies, including computer models for loads, generators, the Pacific Direct Current Intertie (PDCI), Static VAR Compensators (SVC), and other control devices.
- Develops plans-of-service for flow gates, interties and load service areas for the inclusion in the long range transmission expansion plan. Develops and coordinates Project Requirement Diagrams (PRD), obtains cost estimates and prepares business cases and conducts alternative review, coordination and strategy meetings. Coordinates projects through BPA's Transmission Planning Process under Attachment K (FERC Order 890) and through sub-regional groups.
- As a subject matter expert, works with interconnected utilities in developing cost effective joint transmission reinforcement plans to solve regional problems. Serves as a consultant and expert advisor on the technical aspect of the transmission planning reports and expansion plans proposed by the neighboring and regional utilities.
- Serves as a consultant and expert advisor on the electrical engineering aspects of transmission system modification and addition to BPA and regional power system.
- Participates and represents BPA in industry groups such as FERC, NERC, WECC, Northwest Power Pool (NWPP), Electric Power Research Institute (EPRI) and sub-regional organizations.
- Supports the Transmission Marketing and Sales organization by conducting feasibility, system impact and facility studies for interconnection requests and participate in the development of new transmission products and policies.

BASIC REQUIREMENTS:

A. Degree: Engineering. To be acceptable, the program must: (1) lead to a bachelor's degree in a school of engineering with at least one program accredited by ABET; or (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics. —OR—

B. Combination of Education and Experience -- college-level education, training, and/or technical experience that

furnished (1) a thorough knowledge of the physical and mathematical sciences underlying engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following:

1. **Professional Registration or Licensure** -- Current registration as an Engineer Intern (EI), Engineer in Training (EIT), or licensure as a Professional Engineer (PE) by any State, the District of Columbia, Guam, or Puerto Rico. —OR—
2. **Written Test** -- Evidence of having successfully passed the Fundamentals of Engineering (FE) examination or any other written test required for professional registration by an engineering licensure board in the various States, the District of Columbia, Guam, and Puerto Rico. —OR—
3. **Specified Academic Courses** -- Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and that included the courses specified in the basic requirements under paragraph A. The courses must be fully acceptable toward meeting the requirements of an engineering program as described in paragraph A. —OR—
4. **Related Curriculum** -- Successful completion of a curriculum leading to a bachelor's degree in an appropriate scientific field, e.g., engineering technology, physics, chemistry, architecture, computer science, mathematics, hydrology, or geology, may be accepted in lieu of a bachelor's degree in engineering, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance. Ordinarily there should be either an established plan of intensive training to develop professional engineering competence, or several years of prior professional engineering-type experience, e.g., in interdisciplinary positions. (The above examples of related curricula are not all-inclusive.)

For more information on how to meet the Basic Requirements please visit: <https://www.opm.gov/policy-data-oversight/classification-qualifications/general-schedule-qualification-standards/0800/files/all-professional-engineering-positions-0800.pdf>

SPECIALIZED EXPERIENCE REQUIREMENTS

GS-14: Specialized experience is defined as applying advanced electrical engineering theories, principles, concepts, standards, and methods sufficient to 1) analyze, evaluate, and provide expert advice on existing and proposed power systems and electrical power grid; 2) evaluate the performance and effectiveness of an organization's power system to make recommendations on transmission investment and technological advancement in current and future design and plans; and 3) provide quality control to ensure power system compliance with legislative and regulatory requirements, national standards, and regional criteria.

HOW TO APPLY:

Complete a brief memo of interest describing your interest in this detail – temporary promotion assignment and your relevant experience. Submit your memo and a signed Supervisory Acknowledgement statement (below) by close of business on **12/20/2025** to krkohne@bpa.gov.

SUPERVISOR'S ACKNOWLEDGEMENT

INTEREST ANNOUNCEMENT (BPA-26-IA-TPPC-013)

I acknowledge that _____ has requested consideration for this position. I understand this temporary assignment is a detail or temporary promotion NTE 120 days.

I am willing to consider approving the detail and understand the salary, travel, lodging, M&IE costs and/or FTE for the duration of the detail will be funded by (TPPC).

Supervisor's Signature: _____ Date: _____

Supervisor's Title: _____ Routing: _____