

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
JOB OPPORTUNITY
ENGINEER INTERN (PUBLIC UTILITIES ENGINEER 1 – ELECTRICAL)

[PLEASE FOLLOW THE SPECIFIC APPLICATION FILING INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!](#)

Open To: The Public

Location: Public Utilities Regulatory Authority, Utilities Regulation Division-Engineering Unit

Position#: 102946

Type of Position: Fulltime, Permanent

Annual Salary: First year: \$49,181 (ES18, step 5; Second year: \$52,115 (ES18, step 7)

Closing Date: 11/20/12

PREVIOUS APPLICANTS DO NOT NEED TO RE-APPLY

Eligibility Requirement: Candidates on Reemployment/SEBAC lists will be given first consideration.

Description of Duties:

Incumbent will receive training in introductory professional engineering work for the development of technical and professional engineering skills and knowledge in order to qualify for advancement to the technical engineering work level (Public Utilities Engineer 1 - Electrical) of the Public Utilities Regulatory Authority. Performs a wide variety of increasingly difficult duties as technical skills are acquired during course of training period, including but not limited to performing tasks involving engineering studies and investigations of plant, equipment, facilities and services of utility companies to ensure customer needs are adequately met and equity is achieved among customer, societal and corporate interests. Reviews proposed method and manner of construction for transmission lines, inspects completed construction for final approval; witnesses and verifies meter accuracy tests; establishes and ensures compliance with voltage variation specifications; reviews and evaluates issues involving nuclear, hydro and fossil fuel generation. Assist with performing cross examination of expert and utility company witnesses regarding depreciation studies, cost of service studies, capital budgeting for respective utility company facilities and operation and maintenance of utility plants; reviews depreciation studies using statistical techniques (Iowa curves, etc.) to analyze historical data, statistical and engineering judgment, cost of service studies, detailed utility company project submittals and utility company policies and practices; assists in preparing cross examination materials; assists with drafting engineering portions of decisions and orders; interprets statutes and regulations; may provide technical support to commissioners and others; examines exhibits and reports submitted by utility companies; inspects and makes reports on utility plant and equipment; assists in investigating accidents involving utility plants and equipment; assist with surveying accident locations; assists with interviewing witnesses; prepares reports of such investigations; may make recommendations as to elimination of dangerous conditions or practices; assist with monitoring and investigating various operations of utility companies including optional services and metering functions; performs related duties as required.

Knowledge, Skills and Abilities:

General knowledge of basic electrical engineering theories, principles and methods and standards; considerable ability in performing mathematical computations; ability to prioritize and track multiple tasks/projects; interpersonal skills; oral and written communication skills; ability to analyze, interpret and evaluate engineering issues; ability to prepare technical reports; ability to utilize computer software, including proficiency with Microsoft Office.

General Experience: Bachelor Degree in Electrical Engineering

Note: The filling of this position will be in accordance with reemployment, SEBAC, transfer, promotion and merit employment rules, if applicable.

Application Instructions: Interested and qualified candidates who meet the above requirements should submit a cover letter, a resume, a [CT-HR-12](#) Application for Employment, College transcript(s) and Current State employees must provide a copy of the last two performance appraisals to: **(Incomplete packages will not be considered)**

**Department of Energy and Environmental Protection
Human Resources Division
79 Elm Street
Hartford, CT 06106-5127
Attn: Diane B. Ragali
Telephone: (860) 424-3006
Fax: (860) 424-3896**

AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER

The Connecticut Department of Energy and Environmental Protection is an Affirmative Action/Equal Opportunity Employer that is committed to requirements of the Americans with Disabilities Act. Any person with a disability who may need information in an alternative format may contact the agency's ADA Coordinator at 860-424-3194, or email deep.hrmed@ct.gov. Any person with a hearing impairment may call the State of Connecticut relay number 711.