

Innovation Network Group -- Member of EPRI Technical Staff

Purpose of the Position:

Work with a small team of EPRI project managers (an "Innovation Network group") to actively scan for technologies outside of EPRI and outside of the electricity industry's traditional science and technology providers for possible application in fossil power generation, nuclear power generation, power delivery (transmission & substations), energy efficiency, renewable power generation, materials science, environment science and technology, and broader applications in other industry sectors. The IN group may grow to include utility staff seconded at EPRI, student interns and academia on sabbatical.

Key Responsibilities:

- Work with a small team of EPRI project managers (the "IN group") within the EPRI Office of Innovation to actively scan and identify innovative/novel concepts in science and technology for possible application in addressing issues facing the electric power industry and its consumers/customers.
- Work with EPRI Sector staff, members and outside organizations to identify potential science and technology needs as the basis to perform concept technical and/or economic scanning. Meet with universities, entrepreneurs, and the business community to identify potential innovative/novel concepts for consideration of EPRI research support.
- Work with EPRI Sector staff to review and possibly contribute to patent applications related to the electric utility industry.
- Work with the EPRI Sector technical staff to become familiar with the EPRI Portfolio and its application and value to EPRI's members and society at large.
- Under the direction of the Office of Innovation, organize information about applicable innovative/novel concepts in new science and technology areas so as to be transferable to EPRI staff and potentially make such information available to EPRI members in a digestible form. This may take the form of white papers, technical assessments and/or mini-business plans.
- Participate actively with others in the Office of Innovation's IN Group Team so as to enhance EPRI's culture regarding technology innovation.
- Work under the general direction of the Office of Innovation while reporting to the appropriate EPRI Sector.
- After approximately 6-18 months, assume a rotational assignment in the appropriate EPRI Sector as a project manager in a field relevant to the individual's experience, capabilities and interests.

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Position Qualifications/Characteristics of a Successful Candidate:

- BS minimum, MS or PhD preferred in engineering or scientific disciplines. Preferred candidates will typically have degrees in engineering, chemistry, materials science or physics.
- Two years or more experience in some related technical area such as power system engineering, electric utility engineering disciplines, planning or operations, or advanced degree with research experience.
- Candidates should harbor a natural curiosity, be imaginative and reasonably bold. They should have the tenacity to try an idea, even though it might not work the first time and stick with something they start, even when it seems highly challenging or impossible.
- The successful candidate will possess the ability to work in a multi-tasking environment and prepare, manage and effectively document information and plans.
- The candidate must have the analytical skills required to set goals and objectives, develop plans and schedules, and set priorities so as to accomplish milestone goals on time and within budget.
- The candidate will possess excellent teaming abilities so as to work successfully with multidisciplinary staff, contracted resources, and the scientific and technical community at large to collect and assess information on new, innovative technical opportunities.
- The candidate should possess excellent interpersonal and communications skills to effectively and credibly represent EPRI to the outside world.
- The candidate must possess excellent oral and written communications skills, and should be prepared to present examples of past written work.
- The candidate should possess personal computer skills to include effective use of email, word processing, spreadsheet and presentation software.
- The candidate should possess knowledge of the electricity and/or energy industry.
- Desirable characteristics include knowledge of engineering issues pertinent to the electric power industry, and knowledge of competitors, contractors and other stakeholders in the market research and science/technology community.
- Additional desirable characteristics include experience in business planning and the development of business plans, product development, and market research/analysis. Some knowledge of marketing and business economics would be beneficial.

For more information contact EPRI Human Resources Manager, Phyllis Brown at pbrown@epri.com and/or Dr. Robert B. Schainker at rschaink@epri.com. Also, please check out job opportunities at EPRI's website at www.epri.com. On this website, employment information is under the "About EPRI" tab.