

The National Renewable Energy Laboratory (www.nrel.gov) is seeking:

Posting Title	Engineer II – Renewable Energy Life Cycle Assessment
Requisition Number	597BR
Location	Golden, CO
Position Type	Regular Employee
Hours Per Week	40
Job/Research Summary	Intermediate-level engineering analyst position with significant growth opportunities in the technical and environmental analysis of renewable energy and energy efficiency technologies. Under the general direction of senior staff, and within a team of other analysts, the successful candidate will perform life cycle assessments (LCA) and technical and cost feasibility analysis of ongoing and potential electricity, fuel, and efficiency technologies. Following completion of analyses, they will prepare reports, including technical memos and presentations, project reports, and peer-reviewed journal articles. The position requires knowledge and experience with LCA methodologies and practice, as well as a science/engineering-based understanding of energy conversion technologies.
Job Duties	<p>Develop and perform analyses that apply standard and state-of-the-art methodologies to:</p> <ul style="list-style-type: none">• Perform LCA studies of conventional and alternative energy systems.• Independently operate LCA software, evaluate results, prepare detailed graphics, and present results to senior analysts.• Determine the economic viability of alternative energy options using engineering design and discounted cash flow analysis.• Work with GIS analysts to represent data and results geographically.• Review technical proposals.• Initiate and develop collaborative activities with other national laboratories, universities, and industrial entities.• Develop clearly written analyses and interpretations of LCA and technoeconomic analyses.• Publish and present results of studies in relevant journals and at conferences, symposia, and review meetings.
Minimum Qualifications	Relevant Bachelor's Degree and 3 years experience or equivalent relevant education/experience.
Preferred Qualifications	Master's degree in chemical engineering, environmental engineering, science, or equivalent relevant experience, plus a minimum of 3 years of related technology analysis. Knowledge of renewable energy and energy efficiency technologies, and of market opportunities and barriers related to their use. A minimum of three years of demonstrated work in process simulation, economic analysis, life cycle assessment, and application of engineering analysis principles. Demonstrated ability to work well within a team and independently with guidance from senior staff. Experience in direct client interaction and support.

Send resume and cover letter to Garvin Heath, garvin.heath@nrel.gov, who can refer you to the position.