

**From:** Gil Masters (gmasters@stanford.edu)  
**To:** energyfolks@lists.stanford.edu  
**Date:** Fri, September 25, 2009 4:13:58 PM  
**Subject:** Energyfolks: Seminars, LEED, SU Search, Jobs

Welcome to Fall (or Spring, depending..) Reminder: Old energyfolks. blurbs are archived on the MAP website: <http://www.maproyalty.com/e-archives.html>.

**STANFORD DOINGS:**

1. Stanford Fall Quarter Energy Seminars
2. GCEP Research Symposium, Sept 30-Oct 2, 2009
3. Atmospheric/Energy Group Meetings, Tuesday noons
4. ARUP Recruiting on campus for Internships and Full-time Positions, Nov 1

**MORE GENERAL INTEREST:**

1. New Study: To LEED or Not to LEED: Green Building Practices in the Higher Education Sector
2. Graduate Fellowship Program, National Academies
3. Beginning to Ban Incandescents in the UK
4. France Carbon Tax coming: \$25/ton
5. First Solar Plans 2,000 MW PV Farm in Mongolian Desert
6. GREAT Tom Toles climate cartoons and Natural Gas Price Plunge figure .. at the very end

**JOBS JOBS JOBS**

1. Stanford Faculty Position: Sustainability and the Built Environment !
2. Academic Specialist for Energy Efficiency Research, UC Berkeley
3. Faculty Position: Energy Policy, Technology and Environment, Humboldt State University, CA
4. Two faculty positions: Energy Sustainability and Sustainable Systems, U of Michigan
5. Director, Illinois Sustainable Technology Center (ISTC), U of Ill.
6. Energy Engineer, Stanford University
7. Utility Program: Southwest Energy Efficiency Project, Boulder
8. Senior Policy Advisor and Renewable Energy Transmission Project Director: WRA, Nevada
9. Lighting and Electrical Consultant, Senior Mechanical Engineer, positions at Rocky Mountain Institute, Boulder
10. CF International-- Energy Efficiency Strategy and Implementation Consultant: San Francisco
11. Solar R+D technician, SunPrint, Inc., Richmond, CA
12. Massachusetts Dept of Energy Resources: Renewable Energy Program Coordinator
13. Academic Specialist on Energy: CA Institute for Energy and Environment, UC Berkeley
14. Federal Project Developer, GIS Specialist, Utility Analysts: SunPower, San Jose, CA
15. Staff Person for Renewable Funding, LLC, Oakland, CA
16. Energy Engineers: CLEAResult Consulting, Texas and OK.
17. Post Doctoral Fellow: Low Energy Cooling in Buildings. LBNL Berkeley, CA
18. Building Energy Engineer: Enermodal Engineering, Denver
19. Program Manager: Business Council on Climate Change (BC3), San Fran
20. Manager, Power Generation and Business Operations: PowerAdvocate, Boston
21. Business Analyst: Element Power, Portland
22. Five jobs through BrightGreenTalent:

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**STANFORD DOINGS**  
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**1. Stanford Fall Quarter Energy Seminars (Community invited):**

September 30 (please note time and location: 4:15-5:30 pm, McCaw Hall, Arrillaga Alumni Center)  
Michael Ramage, ExxonMobil Research and Engineering Company (retired); James Sweeney, Stanford University  
National Academy of Sciences Report: America's Energy Future: Liquid Transportation Fuels from Coal and Biomass  
(held in conjunction with the Global Climate and Energy Project – GCEP - Meeting)

October 7  
No Energy Seminar this week

October 14, 4:15 to 5:15, Building 420, Room 40, Followed by an Energy Social in the Social Entry of Y2E2\*  
Panel with Stanford Faculty: Sustainable Energy Future: Scale, Tradeoffs, and Co-Benefits  
- Sally Benson, Moderator, Director, Global Climate and Energy Project  
- Pamela Matson, Chester Naramore Dean of the School of Earth Sciences  
- Lynn Orr, Director, Precourt Institute for Energy  
- Stephen Schneider, Melvin & Joan Lane Professor for Interdisciplinary Environmental Studies  
- James Sweeney, Director Precourt Energy Efficiency Center  
- Buzz Thompson, Co-Director Woods Institute for the Environment

October 21 (please note time and location - 4:00 - 5:30 pm at Hewlett Teaching Center, Aud 200)  
Panelists discuss: Meeting Emerging Environmental Challenges  
- Pam Matson, Dean - Stanford School of Earth Sciences, Woods Senior Fellow  
- Steve McCormick, President-Gordon and Betty Moore Foundation  
- Julie Packard, Executive Director-Monterey Bay Aquarium  
- Steve Sanderson, President and CEO-Wildlife Conservation Society  
Held in conjunction with the Woods Institute for the Environment Fifth Anniversary Symposium. Full program <http://woods.stanford.edu/ideas/anniversary-symposium>.

October 28, 4:15 to 5:15, Building 420, Room 40  
Annie Hazlehurst, graduate student at the Stanford Graduate School of Business, Economic Analysis of the Solar Industry: When Will Grid Parity Be Achieved?

November 4, 4:15 to 5:15, Building 420, Room 40  
Michael McGehee, Director of the Center for Advanced Molecular Photovoltaics, Materials Science and Engineering Department  
Solar Cell Technology in 2009 and Beyond

November 11, 4:15 to 5:15, please note location change to Hewlett Teaching Center, Aud 200  
Lyndon Rive, Founder and Chief Executive Officer, SolarCity  
Residential and Commercial Solar: Installation Analysis and Financing Models  
Held in conjunction with Environmental Thought Leaders

November 18, 4:15 to 5:15, Building 420, Room 40, Followed by an Energy Social in the Social Entry of Y2E2\*  
John Benner, National Renewable Energy Laboratory  
Impacts of the Solar Industry

December 2, 4:15 to 5:15, Building 420, Room 40  
Heidi Cullen, Climate Central, Director of Communications, Senior Research Scientist  
Seeing Climate, Seeing Change: Communicating Climate Science in a Changing Media Landscape

Thank you to Chevron for sponsoring the Energy Seminar.

\*Thank you to MAP for sponsoring the Energy Socials.

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**2. GCEP Research Symposium, Sept 30-Oct 2, 2009**

Frances C. Arrillaga Alumni Center  
Stanford University

The Global Climate and Energy Project (GCEP) will hold its fifth annual energy research symposium. The theme of the conference will be "New Research Directions in a Rapidly Evolving Global Energy Landscape." Keynote speakers and leading researchers from Stanford and around the world will discuss future directions and exciting opportunities that could lead to energy technologies with significantly reduced greenhouse gas emissions.

The three-day event is free and open to the Stanford community and other research and energy professionals, but registration is required by Sunday, September 20, 2009 OOPS, as space is limited. To register, please visit the symposium website at <http://gcep.stanford.edu/symposium>.

The first day of the conference will include keynote addresses and general sessions in which speakers will discuss the need for innovative and transformative energy research in the current global environment. Technical leaders from GCEP and institutions from around the world will also provide their perspectives on highlights and future directions for innovative energy research.

Technical sessions on the second and third days will include presentations by GCEP investigators highlighting the results of their research and poster sessions in which all GCEP investigators and their graduate students and post-docs will provide details of their work.

The symposium will cover the following topics:

Wednesday, September 30: Keynote Address/General Sessions

- \* Morning: Perspectives on the Need for Innovative and Transformative Energy Research in the Current Global Environment
- \* Afternoon: Highlights and Future Directions for Innovative Energy Research

Thursday, October 1: Technical/Poster Sessions

- \* Morning: Global Exergy Analysis; Biofuels and Bioenergy Conversion
- \* Afternoon: Carbon Capture and Storage

Friday, October 2: Technical/Poster Sessions

- \* Morning: Renewable Energy Analysis; Advanced Energy Transformations and Storage
- \* Afternoon: Solar Energy

Please contact Girley Tegama at (650) 724-6740 or [gtegama@stanford.edu](mailto:gtegama@stanford.edu) if you have any questions or need more information.

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**3. Atmospheric/Energy Group Meetings**

Fall Quarter 2009-2010

Tuesdays, 12:15-1:10pm, Location Y2E2 Room 300

\*\*Feel free to bring your lunch!! Small snacks provided!\*

Sep 29 – Elaine Hart, Stanford University

Optimal Renewable Portfolio Planning: A Simple Model Incorporating Weather and Load Forecasting

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**4. ARUP Recruiting on campus for Internships and Full-time Positions, Nov 12**

Arup Recruiting for Internships and Full-time Positions!

Arup, a global leading design, engineering, consulting and planning firm, is recruiting for summer internships and full-time positions for 2010. A few representatives will be at Stanford on November 12 to interview potential candidates.

If you are interested in a position, please go and create a profile in the following website and submit your resume prior to this date:

<http://www.goarup.com/welcome.html>

You will be contacted by an Arup representative based on your interests and skills.

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**GENERAL INTEREST STUFF**

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1. **New Study: To LEED or Not to LEED: Green Building Practices in the Higher Education Sector**

This report summarizes the status of green building policies in the higher education sector, with particular attention to the role for LEED at several leading universities, including case studies for three institutions employing distinct strategies with respect to LEED: Certification, Equivalency, and Internal Guidelines. The report also explores several innovations introduced by the USGBC that make the LEED rating system more attractive for higher education. Written by Karl Knapp (MAP) and Christina Liebner (Rumsey Engineers).

A smaller file with just the Executive Summary and the Summary Table Appendix are available at

[http://www.maproyalty.com/downloads/To%20LEED%20or%20NOT%20to%20LEED%20ExecSum\\_AppA.pdf](http://www.maproyalty.com/downloads/To%20LEED%20or%20NOT%20to%20LEED%20ExecSum_AppA.pdf)

Full report available at:

<http://www.usgbc.org/campus> Under "Featured Research"

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**2.. Graduate Fellowship Program, National Academies**

This Graduate Fellowship Program of the National Academies-consisting of the National Academy of Sciences, National Academy of Engineering, Institute of Medicine, and National Research Council-is designed to engage its Fellows in the analytical process that informs U.S. science and technology policy. Fellows develop basic skills essential to working or participating in science policy at the federal, state, or local levels.

**Eligibility**

Graduate students and postdoctoral scholars and those who have completed graduate studies or postdoctoral research in any social/behavioral science, medical/health discipline, physical or biological science, any field of engineering, law/business/public administration or any relevant interdisciplinary field within the last five years are eligible to apply.

The program takes place in Washington, D.C. and is open to all U.S. and non-U.S. citizens who meet the criteria. However, non-U.S. citizens must be currently enrolled in a U.S. university and have proof of holding a valid J-1 or F-1 status.

**Session Dates**

Winter/Spring: February 3-April 28, 2010

Fall: August 30-November 19, 2010

**Apply**

Please visit [www.national-academies.org/policyfellows](http://www.national-academies.org/policyfellows) for details on criteria, application instructions, and access to the online application and reference forms. Please note the requirement for submission of an online reference from a mentor/adviser.

**Deadlines**

The deadline for receipt of application material is November 1 for the winter/spring program and May 1 for the fall program. Candidates may apply to both sessions concurrently.

**Stipend**

A stipend grant award of \$8,240 will be provided for the 12-week session to offset expenses.

Questions should be directed to: [policyfellows@nas.edu](mailto:policyfellows@nas.edu).

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**3. Beginning to Ban Incandescents in the UK**

Incandescent Bulb Ban Begins Taking Effect in the U.K. Every type of clear and frosted incandescent light bulb is being banned by the European Union to help slash energy bills and CO2 emissions. Under its phased program, the EU begins banning the sale of 100W incandescent bulbs on September 1, 2009. Under an EU Directive manufacturers in Europe will not be able to sell the banned bulb to retailers and it will also be illegal to import the bulbs from outside the EU. The 60W clear incandescent bulb ban takes effect in 2011. (Daily Mail, August 22, 2009, <http://www.dailymail.co.uk/sciencetech/article-1208228/Ten-days-left-buy-frosted-lightbulbs-EU-ban-means-low-energy-ones-sale.html>)

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**4. France Carbon Tax coming: \$25/ton**

France Plans to Levy Carbon Tax in 2010. France is likely to begin taxing carbon-dioxide emissions by both households and companies beginning in 2010. Starting January 1 a special tax of nearly \$25 will be levied on each metric ton of CO2 emitted by fossil fuels. France wants to emulate Finland and Sweden that have succeeded in reducing their greenhouse gas emissions with the introduction of carbon taxes in the early 1990s. (Wall Street Journal, September 2009, <http://online.wsj.com/article/SB125259026423099435.html>)

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**5. First Solar Plans 2,000 MW PV Farm in Mongolian Desert**

<http://www.nytimes.com/2009/09/09/business/energy-environment/09solar.html?hp>

Chinese government officials have signed an agreement with First Solar, an American solar developer, for a 2,000-megawatt photovoltaic farm to be built in the Mongolian desert.

Set for completion in 2019, the First Solar project represents the world's biggest photovoltaic power plant project to date, and is part of an 11,950-megawatt renewable-energy park planned for Ordos City in Inner Mongolia.

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**6. Good Tom Toles Climate 'toons and Natural Gas Price Plunges**

I am pasting these at the very bottom of the blurb since some energyfolks don't seem to get anything after my attachments. ?? Ugh.. : ) gm

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JOBS JOBS JOBS  
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4. Two faculty positions: Energy Sustainability and Sustainable Systems, U of Michigan
5. Director, Illinois Sustainable Technology Center (ISTC), U of Ill.
6. Energy Engineer, Stanford University
7. Utility Program: Southwest Energy Efficiency Project, Boulder
8. Senior Policy Advisor and Renewable Energy Transmission Project Director: WRA, Nevada
9. Lighting and Electrical Consultant, Senior Mechanical Engineer, positions at Rocky Mountain Institute, Boulder
10. CF International-- Energy Efficiency Strategy and Implementation Consultant: San Francisco
11. Solar R+D technician, SunPrint, Inc., Richmond, CA
12. Massachusetts Dept of Energy Resources: Renewable Energy Program Coordinator
13. Academic Specialist on Energy: CA Institute for Energy and Environment, UC Berkeley
14. Federal Project Developer, GIS Specialist, Utility Analysts: SunPower, San Jose, CA
15. Staff Person for Renewable Funding, LLC, Oakland, CA
16. Energy Engineers: CLEAResult Consulting, Texas and OK.
17. Post Doctoral Fellow: Low Energy Cooling in Buildings. LBNL Berkeley, CA
18. Building Energy Engineer: Enermodal Engineering, Denver
19. Program Manager: Business Council on Climate Change (BC3), San Fran
20. Manager, Power Generation and Business Operations: PowerAdvocate, Boston
21. Business Analyst: Element Power, Portland
22. Five jobs through BrightGreenTalent:

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### 1. Stanford Faculty Position: Sustainability and the Built Environment !

The Department of Civil & Environmental Engineering at Stanford University invites applications for a tenure line faculty position at the level of an Assistant or untenured Associate Professor who will:

- Develop the scientific basis and engineering methods to promote the development of a sustainable built environment, including buildings, infrastructure, renewable energy systems and smart grids; and
- Educate future academic and industry leaders to master and apply these theories and methods.

Applications are encouraged from candidates with scholarly interests in the full range of disciplines that can contribute to advancing engineering, science and practice for the planning, design, construction and operations of the built environment. The successful candidate will be expected to support the CEE Department's strategic goal of Engineering for Sustainability and engage with colleagues and activities of the Sustainable Built Environment Initiative of the Woods Institute for the Environment and the Precourt Institute for Energy. If appropriate, the successful candidate may be considered for a joint appointment between CEE and another department in the School of Engineering.

Applications should include a curriculum vitae, a list of publications, a brief statement of research vision and teaching interests, and the names of three to five references. We encourage e-mail submission of these documents as Acrobat file attachments each labeled "LastName.FirstName.DocumentType.PDF" to <[ceesearch@lists.stanford.edu](mailto:ceesearch@lists.stanford.edu)>. Applications should be addressed to Professor Greg Deierlein, Chair, SBE faculty search committee, Department of Civil and Environmental Engineering, Stanford University, Stanford, CA 94305-4020.

Review of applications will begin on December 1, 2009; however, applications will be accepted until the position is filled. Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the university's research and teaching missions.

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### 2. Academic Specialist for Energy Efficiency Research, UC Berkeley

Join the California Institute for Energy and Environment (CIEE), University of California, Berkeley to develop and conduct technical research on ground-breaking energy-related topics.

CIEE is looking for an Academic Specialist who will independently develop and conduct research on energy-related topics such as behavior of individuals and organizations, market effects and market transformation, and barriers to the introduction of energy-efficient technologies. The ideal candidate must be able to manage research projects and assist the CIEE Principal Investigator in the review, evaluation, and presentation of research results and the initiation of technology transfer. Responsibilities will include data management, and progress reports to CPUC and other sponsors. The Academic Specialist will be organizing and coordinating technical advisory committees, conducting workshops, attending professional industry events, and developing and edit web page content.

CIEE develops, manages and coordinates funding for sponsored research. Our programs address contemporary topics in public-interest energy research (such as energy efficiency, electricity demand-response, renewable energy and climate change). Projects are sponsored by state commissions, energy utilities, and federal agencies; and performed throughout the UC system as well as by other key universities and research contractors.

The applicant should hold a MA or PhD in a discipline such as Engineering, Economics, Sociology, Political Science, Geosciences, or Human Ecology or a related field. Two to five years of experience working in collaborative energy-related research and demonstrated ability to conduct independent research is required. Technical skills should include familiarity with technologies and behaviors related to energy efficiency (primarily), and demand response, renewable energy, and climate change. The Academic Specialist must have proven project management and organizational abilities to plan and independently execute projects/tasks within specific deadlines and budgets, and the ability to research and write comprehensive reports, and strong interpersonal skills to interact effectively with an array of diverse constituencies.

For more information on how to apply, visit the CIEE website at [http://uc-ciee.org/jobs/Academic\\_Specialist\\_posting2.pdf](http://uc-ciee.org/jobs/Academic_Specialist_posting2.pdf)  
Close Date: October 12, 2009

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**3. Faculty Position: Energy Policy, Technology and Environment, Humboldt State University, CA**

We are pleased to announce an opening for a tenure track position at Humboldt State University for the 2010-11 academic year. The job is a joint position involving teaching duties in the Environmental and Natural Resource Sciences (ENRS, <http://www.humboldt.edu/~enrs/>) Department and research work at the Schatz Energy Research Center (SERC, <http://www.schatzlab.org/>). The position is for candidates with emphasis in areas related to energy policy, technology, and the environment. Candidates with strengths in science, engineering, and/or policy aspects of these areas are encouraged to apply. Applications from candidates with interdisciplinary backgrounds are most welcome. As indicated in the announcement, the deadline for applications is Friday, November 6, 2009.

Responsibilities associated with the position will be divided between the ENRS Department's Environmental Science degree program (major) (60%) and the Schatz Energy Research Center (40%). In practice, candidates would be expected to teach three courses per year (or an equivalent teaching load) in the Environmental Science degree program, along with associated advising and committee responsibilities. The balance of the faculty member's time would be devoted to activities at the Schatz Energy Research Center, including the development of a robust research agenda in one or more areas of interest related to energy and the environment. Candidates would also have an opportunity to work with graduate students in the interdisciplinary Energy, Environment, and Society (EES) program (<http://www3.humboldt.edu/engineering/graduate/>).

For a person with a background in energy technology, energy policy, and/or climate change, joining and collaborating with the Schatz Energy Research Center is a big plus. The Schatz Center has a twenty year history of groundbreaking work in renewable energy and hydrogen technologies and would welcome a new faculty member. The Center has a staff of approximately 25 people (including associated faculty, permanent staff, and students), has an \$8M endowment, and has attracted substantial funding from federal, state, and business organizations, as well as a number of private foundations. The Center is in the process of building a new 6,600 square foot laboratory and office facility on a picturesque hillside on the HSU campus (the building is scheduled to be finished in the spring of 2010).

Interested candidates should contact the chair of the search committee, Steve Martin ([srm1@humboldt.edu](mailto:srm1@humboldt.edu)), for additional information. Inquiries related to work at the Schatz Energy Research Center can directed to Arne Jacobson ([arne@humboldt.edu](mailto:arne@humboldt.edu)).

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**4. Two faculty positions: Energy Sustainability and Sustainable Systems, U of Michigan**

Two new faculty positions have been created at the University of Michigan's School of Natural Resources and Environment (SNRE):  
1) Energy Sustainability and 2) Sustainable Systems.

We would appreciate your help in sharing this announcement with your students and colleagues who might be interested in joining the interdisciplinary faculty at SNRE.

There are many opportunities for collaboration with UM sustainability institutes and programs including the Center for Sustainable Systems (<http://css.snre.umich.edu/>), Erb Institute for Global Sustainable Enterprise (<http://www.erb.umich.edu/>), Graham Environmental Sustainability Institute (<http://www.graham.umich.edu/>), Michigan Energy Institute (<http://www.energy.umich.edu/>), and the Engineering Sustainable Systems dual degree program (<http://ess.umich.edu/>).

Gregory A. Keoleian  
Co-Director  
Center for Sustainable Systems <http://css.snre.umich.edu/>  
Professor, Sustainable Systems, School of Natural Resources and Environment  
Professor, Civil and Environmental Engineering  
University of Michigan

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**5. Director, Illinois Sustainable Technology Center (ISTC), U of Ill.**

ISTC is a department of the University of Illinois at Urbana-Champaign within the Institute of Natural Resource Sustainability (INR) The director provides scientific leadership and administrative direction for the development, coordination, and implementation of programs, activities and professional services undertaken by a staff of approximately 40--primarily engineers and chemists.

The candidate must possess a doctorate-level degree in an engineering or scientific discipline or a juris-doctorate (JD). At least 5 years experience. Salary range: \$148,000 to \$153,000. Candidates must upload a letter of interest, resume, email address, and the contact information for three professional references. For additional information please contact Kate Day at 217/333-8943. [www.istc.illinois.edu](http://www.istc.illinois.edu). Closing date is October 9, 2009.

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**6. Energy Engineer, Stanford University**

As our Energy Engineer, you will be part of a small team of professionals who guide and coordinate all activities aimed at reducing Stanford University's demand for purchased energy through improved efficiency and conservation. These activities currently include major and minor energy retrofit programs, an electricity conservation incentive program, an annual winter energy curtailment, and monitoring several solar electric installations. You will support these efforts, as well as additional programs and services that may be developed in response to the University's forthcoming greenhouse gas emission reduction goals. You will work cooperatively with colleagues within Stanford's utilities, maintenance, and project management organizations to optimize energy performance in existing campus buildings and implement new construction performance standards. You may also assess new energy efficiency technologies, obtain rebates from PG&E, maintain energy

management software applications, support student projects, perform life-cycle cost analyses, insure meter installation and accuracy, conduct energy data analysis, and carry out a mix of field work, analysis, and management/coordination for energy efficiency projects.

You should bring to the table:

- Bachelor's degree in Energy or Environmental Engineering, or a related field,
- At least 5 years' experience in the energy efficiency field, ideally hands-on familiarity with building systems including lighting, HVAC, controls, building envelope, and plug loads,
- Proficiency with energy economics including simple payback and life-cycle cost analysis,
- Ability to read building plans and perform technical analysis (including measurement & verification) of energy technology/projects,
- Effective multitasking and spreadsheet skills, and
- Strong verbal/written communication and interpersonal skills and the ability to work effectively in a collaborative environment

In addition to an annual salary between \$68,000 and \$108,000 (depending on your qualifications) becoming the Energy Engineer at Stanford University offers you the opportunity for a meaningful career with great benefits, a beautiful location, and a culture that values work/life balance. Learn more and submit your application by September 30, 2009 at [jobs@stanford.edu](mailto:jobs@stanford.edu) (key word "energy").

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**7. Utility Program: Southwest Energy Efficiency Project, Boulder**

Senior Associate or Program Associate--Utility Program: The Southwest Energy Efficiency Project (SWEET) is seeking a Senior Associate or Program Associate in its Boulder, CO office. The responsibilities for this position include:

- Ø Assist with the development and analysis of gas and electric utility demand-side management (DSM) programs for the region
- Ø Work on utility energy efficiency policy including participation in state public utility commission proceedings and in the legislative arena
- Ø Advise utilities and utility commission staff on energy efficiency matters
- Ø Conduct outreach to raise awareness and build support for utility energy efficiency initiatives in the southwest region.

Applicants should have experience working on utility DSM programs for a utility, a consulting firm, non-profit organization, or state utility commission. Masters degree plus at least five years of experience or Bachelors degree plus at least eight years of experience. Strong analytical and communications skills, ability to work independently, and a personal commitment to a cleaner environment and more sustainable future. Experience working in non-profit organizations is a plus. To apply, send brief cover letter and resume (no phone calls, please) to:

Utility Program Opening, SWEET

2260 Baseline Rd. Suite 212, Boulder, CO 80302

SWEET is a public interest organization dedicated to advancing energy efficiency in Arizona, Colorado, Nevada, New Mexico, Utah, and Wyoming. For more information, visit [www.swenergy.org](http://www.swenergy.org).

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**8. Senior Policy Advisor and Renewable Energy Transmission Project Director: WRA, Nevada**

Western Resource Advocates, Nevada, seeks a Senior Policy Advisor to work develop and advocate for policies and mechanisms that reduce the environmental impact of electricity production in the Interior West and accelerate the region's transition to renewable energy, energy efficiency, and other cleaner energy technologies. This position is for WRA's work in Nevada, mostly centered in Carson City. The Senior Policy Advisor will represent WRA in regulatory, legislative, and other policy forums and will work directly with the region's electric utilities, the business community, consumer advocates, and the environmental community. Candidates should have excellent quantitative and analytical skills, strong written and oral communication abilities, and be able to work independently. Significant experience working on electricity issues and a personal commitment to a cleaner environment and a more sustainable energy future are necessary. A graduate or professional degree in economics, business, public policy, utility resource planning, utility ratemaking, or related disciplines is essential. Experience testifying as an expert witness before state public utility commissions is highly desirable. Some travel required.

WRA seeks a Renewable Energy Transmission Project (RETP) Director within our Energy Program. This person will also work closely with our Lands Program to develop and advocate for policies that accelerate the region's transition to renewable energy and other clean energy technologies while ensuring public lands and wildlife are protected. The RETP Director will be responsible for leading and managing a small RETP staff in the following activities: (1) building a strong coalition of diverse stakeholders to advance WRA's clean energy advocacy that includes working directly with the region's electric utilities, the renewable energy industry, and the environmental community; (2) participating in permitting and siting proceedings to secure investments in renewable energy and needed transmission projects while minimizing lands and wildlife impacts; (3) advancing WRA's clean energy goals in state, regional and national planning and permitting forums relating to renewable energy generation and transmission; and (4) participating with other conservationists and clean energy advocates in transmission corridor designation and permitting forums.

Western Resource Advocates (WRA) is a non-profit conservation organization of lawyers, economists, and analysts that focuses on energy, lands, and water issues in the Interior Western United States. WRA's Energy Program is active in six states – Arizona, Colorado, New Mexico, Nevada, Utah, and Wyoming. Salary and benefits are comparable to regional non-profit organizations, with excellent benefits. [www.westernresourceadvocates.org](http://www.westernresourceadvocates.org)

E-mail cover letter, resume, three references, and a writing sample (no longer than 20 pages) to [andria@westernresources.org](mailto:andria@westernresources.org) by September 28, 2009.

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**9. Lighting and Electrical Consultant, Senior Mechanical Engineer, positions at Rocky Mountain Institute, Boulder**

Rocky Mountain Institute ([www.rmi.org](http://www.rmi.org)) is seeking a Full Time Consultant with lighting/electrical experience. This position will be located in Boulder, CO and is available immediately.

RMI is an independent, entrepreneurial, nonprofit, think-and-do tank™. We envision a world thriving, verdant, and secure, for all, forever. To that end, our mission is to drive the efficient and restorative use of resources.

**Role and Responsibilities**

This Consultant must have an engineering (preferred) or architecture background and related experience with a focus on sustainability. This position will provide technical and non-technical assistance and project management on RMI projects.

**Responsibilities:**

- 1) Project management and client interface
- 2) Budget, timeline, task and team management
- 3) Direct design or consulting on high performance projects regarding electric lighting and daylight integration
- 4) Technical report writing and compilation
- 5) Public speaking and charrette facilitation

**Mandatory Qualifications:**

- 1) A bachelors degree in engineering or architecture
- 2) 4+ years of industry experience
- 3) 2+ years of project management experience
- 4) LEED Accredited Professional with project experience
- 5) Organized, self directed and highly motivated individual
- 6) Proven track record of on time, on budget project management
- 7) Excellent ability to work creatively in an interdisciplinary collaborative environment
- 8) Excellent writing and presentation skills
- 9) Well versed in word processing and design software (Word, Excel, PowerPoint, AutoCad)

**Desired Qualifications:**

- 1) Master or PhD degree in engineering or related field
- 2) Experience with building management/control systems
- 3) Design or operational experience in electric lighting systems and controls
- 4) Sustainability charrette involvement or facilitation
- 5) Experience with building commissioning

Please provide a resume, cover letter, and work sample to:

Siu Chan, Human Resources [schan@rmi.org](mailto:schan@rmi.org)

**Senior Level Mechanical Engineer**

RMI ([www.rmi.org](http://www.rmi.org)) is seeking a Full Time Senior Level Mechanical Engineer to join the Built Environment Team. The title and salary of this position is commensurate with experience. This position is located in Boulder, CO and is available immediately.

This Mechanical Engineer must have extensive experience with energy efficient HVAC design and controls, and be familiar with energy analysis of these systems. This position will serve as the in-house expert in the field of building level mechanical systems and must possess a proven track record of innovation and leadership within this field.

**Responsibilities:**

- 1) Provide content expertise, thought leadership and guidance on all mechanical system issues
- 2) Advise mechanical design professionals on innovative energy efficient HVAC system design and controls
- 3) Contribute to the development of Institute wide initiatives that will reduce fossil fuel consumption
- 4) Lead building and community level initiatives focused on HVAC technologies and strategies
- 5) Conduct energy audits on existing mechanical systems and train staff in these skills
- 6) Provide in-house training sessions and educational seminars related to energy efficient mechanical system design and controls
- 7) Author relevant publications and conduct speaking engagements
- 8) Provides oversight for quality assurance of technical deliverables

**Mandatory Qualifications:**

- 1) Excellent ability to work creatively in an interdisciplinary collaborative environment
- 2) Innovative and strategic thinking
- 3) Bachelor's degree in mechanical engineering
- 4) Professional Engineering license in mechanical engineering
- 5) 6 years experience in HVAC design and controls
- 6) 4 years project related management experience

- 7) 2 years energy auditing experience
- 8) Published contributions to the fields of HVAC and energy efficiency
- 9) Excellent writing and presentation skills
- 10) Well versed in word processing and design software (Word, Excel, PowerPoint, AutoCad)

Desired Qualifications:

- 1) 10+ years experience in HVAC design/controls
- 2) Experience with LEED rating system
- 3) Commissioning experience
- 4) Experience with whole building energy simulation tools (i.e. DOE-2, EnergyPlus)
- 5) Master or PhD degree
- 6) Proven track record of involvement in professional societies

Please provide a resume, cover letter, list of 3 references, and a work sample (technical publication or client report) to:  
Siu Chan, Human Resources, [schan@rmi.org](mailto:schan@rmi.org)

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**10. CF International-- Energy Efficiency Strategy and Implementation Consultant: San Francisco**

ICF International is adding staff to its energy efficiency and climate change team in San Francisco to support our work with a number of energy efficiency and sustainability projects, including the San Francisco Energy Watch program, a multi-million dollar energy efficiency project focused on multifamily and small commercial buildings. We seek creative problem-solvers, able to work as part of a team and independently, who can apply a wide range of analytical and communications skills. ICF's San Francisco office includes over 50 staff working collaboratively in a fun, informal environment with a wide range of passions, experience, and project focus.

What you will do: You will help to manage and implement the San Francisco Energy Watch program, a program that provides incentives for energy efficiency retrofits in small commercial and multifamily buildings in the City of San Francisco. Your opportunities will include overall program management, direct interface with the client, creative outreach to educate and engage the local community in energy efficiency, coordination of planning and operational program responsibilities, and collaboration with program staff and subcontractors. This position is an opportunity to work on the front lines of energy efficiency and make a tangible impact on climate change. On a daily basis you will perform any or all of the following: speak directly with clients to determine the future direction of energy efficiency programs, oversee energy efficiency installations, work with ICF staff and subcontractors to determine appropriate program roles and responsibilities, supervise customer relations management, work directly with contractors to evolve their program participation, conduct telephone surveys to gather detailed information, attend brainstorming meetings and assist with or lead proposals. Your experience and capability will determine the breadth of your responsibility. Over time, you will also gain access to a number of other energy efficiency and sustainability projects being managed in the San Francisco office.

What experience are we looking for? We are open to hiring entry-level staff who are excited to take on a significant amount of management responsibility in a short amount of time. Demonstrated experience in at least one the following areas is strongly preferred:

- Program implementation including development and execution of detailed and effective implementation and management plans
- Energy efficiency and sustainability program design, including identification, analysis and selection of appropriate energy efficiency measures
- Building energy use analysis, possibly including the use of specialized benchmarking or building energy simulation software
- Energy engineering

What job skills should you have? You should have the unique combination of interpersonal and analytical skills that will make you a critical member of our team from the day you arrive. Specifically, you should be able to demonstrate the following:

- Outstanding writing and verbal skills
- Outstanding skills in framing and applying analytical thought to solving complex problems
- Excellent organizational skills and strong attention to detail
- Superior ability to use standard MS Office projects and particularly MS Excel
- Knowledge of Microsoft Access and standard statistical packages is a plus
- Strong familiarity with building energy efficiency technologies and methods
- Strong familiarity with standard cost-effectiveness analysis techniques
- Strong knowledge of policy and economic issues related to energy efficiency and climate change

We place a premium on creativity, an ability to work independently when necessary but to function as part of a team, a drive to succeed, a commitment to client satisfaction and a genuine interest in energy efficiency and climate change.

What additional skills would we like to see?

- Formal training or considerable experience working for local governments and utilities
- Experience with project budgeting and cost tracking
- Experience with the new business development
- Understanding of statistics and energy forecasting

Experience: We will consider a range of experience and academic degrees. An undergraduate degree is essential. Ideal academic disciplines include engineering, economics, public policy, and environmental science. Directly related experience will substitute for graduate degrees.

ICF International offers an excellent benefits package and competitive salary. [To apply](#), please submit your cover letter, resume and salary requirements.

ICF International is an Equal Opportunity and Affirmative Action Employer M/F/D/V:

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**11. Solar R+D technician, SunPrint, Inc., Richmond, CA**

SunPrint is a venture backed solar startup developing a revolutionary low-cost thin film solar manufacturing process.

SunPrint is seeking an experienced technician to operate and maintain R+D solar cell processing equipment. The candidate should be bright, motivated, and should excel in a close knit team-work oriented environment.

Requirements:

- BS, or MS level education from a top institution in engineering, chemistry, or materials science
- 3+ years of experience in a professional, collaborative, team oriented environment
- Exceptional recent graduates are also encouraged to apply
- Extensive experience operating and maintaining R+D equipment, running experiments
- Should be comfortable working with vendors, suppliers, and industrial partners
- Excellent communication and presentation skills are a must
- A passion for solar energy

Located in Richmond, CA. Please send resumes to [jobs@sunprint.com](mailto:jobs@sunprint.com)

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**12. Massachusetts Dept of Energy Resources: Renewable Energy Program Coordinator**

The MA Department of Energy Resources has a job posting for a Renewable Energy Program Coordinator. The position will complete the current staffing needs of the Renewable and Alternative Energy Development Division. The Coordinator will assist in the implementation of the state's Renewable Energy Portfolio Standard programs, and with program and policy efforts across the renewable energy technologies and in support of the Global Warming Solutions Act.

The job posting provides further information on the scope of responsibilities and procedures for submitting an application. Applications are due by September 21<sup>st</sup>. The posting can be found from the DOER home page ([www.mass.gov/doer](http://www.mass.gov/doer)) and then clicking on "Jobs" in the panel on the left side of the page.

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**13. Academic Specialist on Energy: CA Institute for Energy and Environment, UC Berkeley**

CIEE is looking for an Academic Specialist who will independently develop and conduct research on energy-related topics such as behavior of individuals and organizations, market effects and market transformation, and barriers to the introduction of energy-efficient technologies. The ideal candidate must be able to manage research projects and assist the CIEE Principal Investigator in the review, evaluation, and presentation of research results and the initiation of technology transfer. Responsibilities will include data management, and progress reports to CPUC and other sponsors. The Academic Specialist will be organizing and coordinating technical advisory committees, conducting workshops, attending professional industry events, and developing and edit web page content.

CIEE develops, manages and coordinates funding for sponsored research. Our programs address contemporary topics in public-interest energy research (such as energy efficiency, electricity demand-response, renewable energy and climate change). Projects are sponsored by state commissions, energy utilities, and federal agencies; and performed throughout the UC system as well as by other key universities and research contractors.

The applicant should hold a MA or PhD in a discipline such as Engineering, Economics, Sociology, Political Science, Geosciences, or Human Ecology or a related field. Two to five years of experience working in collaborative energy-related research and demonstrated ability to conduct independent research is required. Technical skills should include familiarity with technologies and behaviors related to energy efficiency (primarily), and demand response, renewable energy, and climate change. The Academic Specialist must have proven project management and organizational abilities to plan and independently execute projects/tasks within specific deadlines and budgets, and the ability to research and write comprehensive reports, and strong interpersonal skills to interact effectively with an array of diverse constituencies.

For more information on how to apply, visit the CIEE website at [http://uc-ciee.org/jobs/Academic\\_Specialist\\_2009.pdf](http://uc-ciee.org/jobs/Academic_Specialist_2009.pdf)

Close Date: September 12, 2009

Linda Schuck

Senior Advisor

California Institute for Energy and Environment

University of California Energy Institute

650-854-7286, cell 650-722-2966

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**14. Federal Project Developer, GIS Specialist, Utility Analysts: SunPower, San Jose, CA**

The solar electric industry is an exciting and rapidly growing business, providing excellent career opportunities and the great satisfaction of having a positive impact on the environment. SunPower Corporation (Nasdaq: SPWRA and SPWRB) designs, manufactures and delivers high-performance solar electric systems worldwide for residential, commercial and utility-scale power plant customers. SunPower high-efficiency solar cells and solar panels generate up to 50 percent more power than conventional solar technologies and have a uniquely attractive, all-black appearance. With headquarters in San Jose, Calif., SunPower has offices in North America, Europe, Australia and Asia. For more information on SunPower please visit the SunPower website at [www.sunpowercorp.com](http://www.sunpowercorp.com).

We're looking for an experienced Federal Project Developer to join our team. We are seeking an experienced sales professional to help implement strategies and tactics necessary to develop solar power plant projects for key Federal DoD sites and other Federal Agencies. The Project Developer is responsible for working with base command, director level and other designated points of contact to formulate proposals and develop project sites for photovoltaic systems. We are looking for a team player with proven ability to achieve results in a fast moving, dynamic environment. The candidate should be self-motivated and self-directed.

Essential Duties and Responsibilities include the following. This position will be responsible for supporting all facets of Federal DoD sales including but not limited to:

- Assist in generating comprehensive proposals based on client specifications, site conditions, policy considerations, competitive landscape, and strategies provided by members of the SunPower's Systems Federal Sales Team.
- Supporting the achievement of aggressive sales goals
- Researching target accounts across states with and without incentives to develop value proposition
- Streamlining, standardizing and improving the proposal development process, customizing documents to be used in proposing to Federal accounts
- Supporting compliance with regulatory processes and Federal Procurement procedures necessary to assure successful project development
- Research candidate sites for project feasibility, using public sources to determine factors like parcel ownership, zoning, and current land use
- Analyze possible competitors and partners
- Identify local policy and development requirements which may affect project
- Form working relationships with other SunPower departments, including Project Management and Finance, to gather requested information for proposals.
- Create proposal content under the guidance of the Sales Team
- Tracking policy developments and opportunities to capitalize on target and new geographic markets
- Developing customer-focused product and service presentations
- Working with legal counsel to develop & negotiate contract terms for EPC agreements and Power Purchase Agreements
- Tracking regulatory environment as it impacts project economics and project implementation
- Tracking offerings of competitors in the Federal sector
- Understanding technical capabilities of the full range of SunPower Products
- Coordinating with projects team in cost estimation for utility projects
- Determining feasibility and cost savings for new value propositions

#### Education and Experience

- Bachelor's degree in business, finance or other relevant area of study
- Seven to ten plus years experience in the energy industry
- Renewable Energy, Energy Efficiency or Construction sales experience to government

#### Qualifications

- Superior web research skills
- Excellent oral and written presentation skills
- Meticulous attention to detail
- Entrepreneurial, self starter with a burning desire to learn and win
- Ability to multi-task and prioritize competing time demands
- Strong analytical skills.
- Fluency with Microsoft Suite
- Proposal writing experience
- Familiarity with GIS desirable
- Excellent interpersonal skills
- Highly effective communicator with strong writing skills
- Detail-oriented with strong time management skills
- Effective at creating, summarizing, and presenting information logically for executive decision making
- Knowledge of finance and business concepts
- Understanding of utility regulatory environment desired, not required
- Experience with environmental review processes desired, not required

In addition to offering a competitive compensation package, SunPower is a company committed to offering a benefits package that provides security and well-being to its employees and their eligible dependents, including domestic partners.

Positions are also open for a GIS specialist and a Utility Sales Analyst.

If you are interested in joining SunPower, please apply by following the link below or apply on-line at [www.sunpowercorp.com/careers.htm](http://www.sunpowercorp.com/careers.htm) . No phone calls please.

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#### 15. Staff Person for Renewable Funding, LLC, Oakland, CA

There are a number of regional, state, and federal grant and other funding opportunities for cities and counties setting up clean energy financing programs. We would like to have a staff person that those that we work for apply for these grants, as well as manage and execute them. This staff person would be the main point of contact for cities and counties in relation to grant programs that support PACE. They would provide ongoing reporting and support as required for grant funding allocation.

Second, we are building up our capacity to finance larger-scale commercial property energy retrofits and would like to bring on a staff person that can help manage those efforts. This would include managing commercial properties through the project review, underwriting, and financing process. Experience with commercial property management and/or commercial scale energy efficiency or renewable energy projects is important.

If interested, contact:

Cisco DeVries  
President, Renewable Funding LLC

1746 Broadway  
Oakland, CA 92612  
(510) 451-7902  
[cisco@renewfund.com](mailto:cisco@renewfund.com)  
[www.renewfund.com](http://www.renewfund.com)

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**16. Energy Engineers: CLEAResult Consulting, Texas and OK.**

CLEAResult Consulting ([www.clearesult.com](http://www.clearesult.com)) is an energy-efficiency consulting firm that designs and implements programs to help utilities manage load growth and meet legislative requirements by helping end customers identify energy-savings opportunities and implement energy-efficiency improvements. We are looking to hire several experience Energy Engineers in Austin, TX; Houston, TX; Irving, TX; Texarkana, TX; and Tulsa, OK. (We do offer a relocation package.) We're seeking engineers who have experience in consulting, utility energy-efficiency programs, energy calculations, and M&V activities. These are regular, full-time positions with full benefits. The job full descriptions can be viewed at <http://www.clearesult.com/careers.php>. If interested, please contact James Hatheway at (512) 259-2383 or [jameshatheway@jhrecruiting.com](mailto:jameshatheway@jhrecruiting.com)

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**17. Post Doctoral Fellow: Low Energy Cooling in Buildings. LBNL Berkeley, CA**

Air conditioning contributes very substantially to the energy use, complexity, and cost of commercial buildings. The Lawrence Berkeley National Laboratory (LBNL) will start a research project in the fall of 2009 to identify and evaluate alternatives to conventional air conditioning that can maintain acceptable indoor environmental conditions in moderate climates. The initial activities in this multi-year project will focus on concept generation in conjunction with designers, manufacturers and building owners. Follow-on activities will include energy and cost analyses using simulation, experimental development and testing and planning of a design guide. LBNL is seeking an exceptional post doctoral fellow who will play a major role in the execution of this project. Candidates should:

- have a strong general knowledge of commercial building energy issues with specific expertise in commercial HVAC systems
- have at least a general understanding of indoor environmental quality issues
- have substantial experience in building energy modeling, preferably using EnergyPlus -- have strong verbal communication and networking skills in English
- have a well-demonstrated ability to write high quality technical papers in English.

Please send a letter of interest and a resume to William Fisk, Sr Scientist, Environmental Energy Technology Division, Lawrence Berkeley National Laboratory, Berkeley, CA 94720 [WJFisk@lbl.gov](mailto:WJFisk@lbl.gov)

For more details, see: <http://jobs.lbl.gov/LBNLCareers/details.asp?jid=23351&p=1>

Berkeley Lab is an affirmative action/equal opportunity employer committed to the development of a diverse workforce.

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**18. Building Energy Engineer: Enermodal Engineering, Denver**

Enermodal Engineering near downtown Denver has an opening for a 'building energy engineer'. We're a 14-person office of energy consultants, commissioning agents, and LEED consultants. The office is very laid-back....dogs and flip-flops are embraced. We are also known throughout Canada and the States for our consulting work and research in building energy efficiency, and are looking for a top-notch engineer with excellent written and verbal communication skills.

The Building Energy Engineer opening requires a minimum of two years professional experience in energy modeling of commercial buildings for LEED, with experience managing projects a big plus. The position also requires an undergraduate degree in mechanical, electrical, or architectural engineering. Responsibilities include computer modeling of energy, daylighting and thermal performance of buildings and building assemblies, communicating analysis results in written reports, coordinating the energy analysis process with architectural design teams, and possibly managing junior engineers. A passion for energy efficiency and a writing sample are required.

Interested applicants, please e-mail resume to: [JGehring@enermodal.com](mailto:JGehring@enermodal.com)  
Or, contact Aleka Pappas with any questions: [APappas@enermodal.com](mailto:APappas@enermodal.com)

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**19. Program Manager: Business Council on Climate Change (BC3), San Fran**

<https://www.bc3sfbay.org/programmanager>

The Business Council on Climate Change (BC3) is seeking a candidate to manage and further develop the program in close coordination with the BC3 Advisory Committee. BC3 is a member-led and -funded coalition of Bay Area businesses committed to reducing emissions.

In June of 2005, the City and County of San Francisco hosted United Nations World Environment Day, at which time Mayor Gavin Newsom signed on to the UN Global Compact Cities Pilot Program. This led to a partnership between the City of San Francisco, the Bay Area Council, and the UN Global Compact to create an initiative that promotes business sector leadership on climate change. Since the launch of BC3 on March 1, 2007, over 100 forward-thinking businesses and partners in the Bay Area have joined BC3 and committed to taking steps to address climate change.

Candidates must be committed to the mission of BC3 and must understand the evolution and direction of the organization. Working closely with partners, members, and the Advisory Committee, the program manager will be responsible for ensuring the daily operations of BC3. The Program Manager will answer to the Advisory Committee. Responsibilities include, but are not limited to, the following:

- Collaborate with the Advisory Committee to articulate the BC3's vision and goals, and develop short term and long term strategies to achieve them
- Coordinate and convene seminars, networking events, full membership meetings and meetings of the Advisory Committee

- Implement a financial sustainability plan, as provided by the Advisory Committee, including fundraising and collecting membership dues
- Maintain and increase the profile, reputation, stature, and visibility of the organization
- Implement a marketing plan, including advertising, utilizing social networking, and preparing a quarterly newsletter
- Manage and maintain the BC3 website and online community
- Promote the BC3 Principles on Climate Leadership (<https://www.bc3sfbay.org/principles>)
- Act as spokesperson and advocate for the organization

**Qualifications**

Qualified candidates should possess knowledge of environmental policy, business management, and corporate social responsibility. An understanding of climate change policy, sustainable business practices, energy policy, local government and other related areas is highly desirable. Applicants should be comfortable speaking to a range of individuals from high-level municipal staff to a variety of business leaders. Candidate should be an articulate and inspirational spokesperson for the organization.

Specific qualifications include:

- A degree in business, public policy, environmental studies, or a related field
- A minimum of 3-5 years of business and/or non-profit experience
- Fundraising experience preferred
- Project management skills
- Enthusiastic self-starter who is motivated to grow a new organization
- Strong interpersonal skills including professionalism, flexibility, and the ability to listen, negotiate, and collaborate
- Exceptional written and oral communication and personal organization skills

To Apply

Interested parties should send a cover letter and resume to: [bcthree@gmail.com](mailto:bcthree@gmail.com).

**Application Deadline**

Applications will be accepted until September 18, 2009. Oops.. Interviews will be scheduled in early October

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**20. Manager, Power Generation and Business Operations: PowerAdvocate, Boston**

PowerAdvocate supports Fortune 500 energy clients across the entire energy value chain, including renewable energy, nuclear power, transmission & distribution, environmental retrofits, gas distribution, and fossil generation.

PowerAdvocate provides market and cost intelligence to energy companies to optimize financial results. We combine best-in-class information, innovative technology, and expert services to produce superior market intelligence. Since 1999, we have helped asset-intensive clients achieve operational and financial excellence, increase profitability, and optimize business performance. Today, we deliver software-as-a-service through our Energy Intelligence Platform which expands the energy value chain in T&D and generation, including renewables.

**Energy Consulting Manager**

Managers work as key members of the client service delivery teams commonly applying PowerAdvocate's proprietary technology and cost data resources to deliver solutions for energy/utility clients. Managers generally drive the development and execution of supply chain strategies for sourcing highly engineered products and services. Managers coordinate with Client Supply Chain Management and Engineering teams, as well as Directors and C-Level personnel, as they design and implement solutions. Managers must be creative, adaptive and flexible to the client's needs when applying internal and external market data and research to reach solutions that solve problems. Team members commonly use the PowerAdvocate Energy Intelligence Platform to interact with preferred suppliers and to foster competitive bids for clients. Managers also assist with technology upgrades and sales and marketing efforts.

Ideal candidates for the Manager position have 4 plus years of experience in the energy industry, particularly in the Power Generation and Business Operations fields, an undergraduate degree with a focus in engineering or science, and experience in mechanical or electrical engineering. The Candidate must also possess exceptional analytical, problem solving and time management skills as well as effective communication and interpersonal skills. A sense of humor is always appreciated.

We are looking for passionate individuals willing to assist in the high paced growth of an in-demand company and an exciting industry.

If you would like to join our team, email your resume and cover letter to:

Marianne Wisheart  
 PowerAdvocate  
[marianne.wisheart@poweradvocate.com](mailto:marianne.wisheart@poweradvocate.com)  
 179 Lincoln St • Boston, MA 02111  
[www.poweradvocate.com](http://www.poweradvocate.com)

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**21. Business Analyst: Element Power, Portland**

Element Power is seeking a Business Analyst. The successful candidate will produce economic analysis of mid- to long-term development and acquisition opportunities for wind and solar energy projects in North America.

Responsibilities will include 1) modeling returns from a variety of wind and solar project investments, 2) performing due diligence of opportunities and partners, 3) developing forward electricity and REC pricing models, and 4) helping to raise funds from debt and equity providers.

Necessary qualifications include a bachelor's degree; 2+ years experience in analysis of energy projects and/or financial analysis;

knowledge of renewable energy markets in North America; excellent interpersonal, communication, and organizational skills; and working knowledge of Excel, Word, and Powerpoint.

About Element

Element Power develops, acquires, builds, and operates utility-scale solar and wind power projects. Owned by Hudson Clean Energy Partners, a leading green power private equity fund, Element Power is pursuing projects in the European, North American, and South American energy markets. We strive to be creative, versatile, and nimble in our approach and to treat all our partners with integrity and respect. By doing so, we aim to be the green energy developer of choice for landowners, communities, utilities, and equipment suppliers.

For further information and a complete job description, please visit <http://www.elpower.com>. To apply, please email a cover letter and resume to [northamericajobs@elpower.com](mailto:northamericajobs@elpower.com).

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22. Five jobs through BrightGreenTalent:

We have some great jobs available (5 below). Also, we have discounts available for people who are interested in attending West Coast Green or RMI2009.

RMI2009: Receive 10% off the 1 or 2 day pass - use the discount code BRIGHTGREEN.

West Coast Green: Follow this link to receive 20% off the full conference ticket: <http://www.webregpro.com/events/wcg/09/partners/20/>.

For more information, visit: <http://www.brightgreentalent.com/partners> or <http://greenjobs.brightgreentalent.com/careers/>

1. [Project Manager - Utility Services](#): Energy efficiency engineering firm (Concord or Irvine, CA)
2. [Energy Engineer](#) (Concord or Irvine, CA)
3. [Project Manager/Commissioning Authority](#) (Concord or Irvine, CA)
4. [Senior VP of Operations](#) - Solar (New York, NY)
5. [Engineer Manager - Refrigeration Specialist](#) (Portland, OR)