

Subject: Energyfolks: Seminar schedule, IEEE journals, Wind impacts, jobs
Date: Thursday, December 10, 2009 5:16 PM
From: Gil Masters <gmasters@stanford.edu>
To: energyfolks@lists.stanford.edu
Category: Stanford

Quote of the Day: From the Weather Underground (wunderground.com) meteorologist Dr Jeff Masters (no relation) in his Dec 6 WunderBlog:

"Speaking as an atmospheric scientist, I can tell you from long experience that we are not the wild-eyed, alarmist lot that the Wall Street Journal makes us out to be. This makes for some very dull parties (if you're not excited about discussing quasi-geostrophic theory), when we get together for a big bash. Very little alarming behavior takes place. (In fact, after I dragged my wife to three straight devastatingly dull departmental Christmas parties while I was in graduate school, she forbade me from ever requiring her to go to another.)

Atmospheric scientists are not an alarmist lot--put us in quiet room with a window and give us a computer and pile of data to analyze, and we'll be as happy as a clam at high tide. The portrayal of climate scientists as alarmist, money-grubbing, dishonest hucksters out to destroy the economy to further their own selfish desires for money or fame is a common theme in climate change denial attacks, and is a very narrow-minded and ignorant one. It's more convenient to shoot the messenger than to acknowledge the truth of the bad news they're bringing".

INTERESTING STUFF

1. Candlelight Vigil for Climate Change: Friday, Dec 11, 4-6 pm, Palo Alto
2. Two new IEEE Journals on Smart Grids and Sustainable Energy
3. RMI Introduces an Online Carbon Calculator
4. New LBNL Report Finds No Widespread Impact of Wind Projects on Surrounding Residential Property Values
5. Nice Climate Essay on "Why Two Degrees Really Matters"

STANFORD STUFF

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- 1. Energy Seminar Schedule, Weds 4:15-5:15, Bldg 420, Room 40
- 2. MAP Sustainable Energy Fellowships, 2010 (and a Brown Bag Lunch)**
- 3. ME 221: Green Design Strategies and Metrics**

4. New Course: CS 321 Information Processing for Sensor Networks

5. Early notice: New Spring Course on Energy and Climate Change
6. Winter Course on Large Scale Solar Developments

JOBS JOBS JOBS

1. SouthWest Energy Efficiency Project (SWEEP): Building Efficiency and Utility Program Associates
2. EnXco: Resource Assessment Engineers, Escondido, CA
3. Google: Program Manager, Carbon Offsets, Mt. View, CA
4. Energy and Building Systems Engineer: dbHMS, Chicago
5. Policy Analyst Volunteer: FIT (Feed-In Tariff)Coalition, CA
6. Research Associate, California Environmental Associates, SF
7. Vice President, Energy Efficiency, ICF International, CA
8. Automation Engineer (PVs), 1366 Technologies, Lexington, MA
9. SunPower continues to hire
10. Policy Analyst: SunRun, SF
11. California Public Utilities Commission: Multiple Positions for Regulatory Energy Analysts
12. Sandia National Laboratories: Four Internships: Stationary Fuel Cell Systems
13. Paid Internship on CA Environmental Policy, EDF, San Francisco
14. Consulting Opportunity: Gettaround Inc. Bay Area, CA
15. Paid Internship: Ambata Capital, SF
16. PV Field Applications Engineer, Abound Solar, Loveland, CO
17. Executive Director, Colorado Renewable Energy Society (CRES)
18. Technical Advocacy Coordinator for the Appliance Standards Awareness Project, DC
19. Solar Millennium: Director or VP of Engineering--Power Project Development, Berkeley
20. Senior Industry Analyst- Building Efficiency, Pike Research, Boulder
21. Director E+Co, Tanzania, Africa
22. Automotive Alliances / EV Battery Intern: Better Place, Palo Alto
23. Energy-related Summer Internships
24. PostDoc: Modeling of Innovative Building Systems, Eindhoven University of Technology, Netherland
25. Program manager, Energy Efficiency Standards, LBNL
26. Environmental Specialist: Energy Efficiency, San Francisco Dept of Environment
27. Energy Consulting Manager, PowerAdvocate, Boston, MA or San Francisco, CA
28. Business Development Associate: 3Degrees, SF
29. Faculty Position: Energy Resources Engr. Harvey Mudd College
30. Six More Energy Faculty Positions

INTERESTING STUFF

1. Candlelight Vigil for Climate Change: Friday, Dec 11, 4-6 pm, Palo Alto

Candlelight Vigil for Climate Change – A Message of Hope for Action in Copenhagen,

On December 11th & 12th, people from around the world will gather in their communities and light candles of hope to send a message to our leaders in Copenhagen that we need bold and swift action on climate change. We cannot wait any longer – we need global action now!

Come join us for a candlelight vigil at King Plaza (in front of City Hall) and the delivery of this important message to our U.S. Representative Anna Eshoo.

Event details: We will gather at King Plaza and then walk to Anna Eshoo's office to deliver a thank you, photos from recent 350 events and letters urging bold movement on climate policy. We will then return to King Plaza where we will have a few speakers and spell out 350 with our candles for a photo. Our photos will be delivered to 350.org and included in the photos presented at Copenhagen. Please bring a candle if you can if not we will have extras.

To RSVP for the vigil in Palo Alto see: <http://www.350.org/node/13024> <<http://www.350.org/node/13024>> Please RSVP so we can send any additional event details out to you!

Following the vigil there will be a series of films shown at World Centric featuring Climate Change with a discussion afterwards. Time: 7:00 PM 2121 Staunton Ct. Palo Alto, CA 94306, just behind JJ&F. To RSVP for this film event see: <http://www.350.org/node/13432>

In the spirit of the event please and walk, ride your bike, take public transit or carpool to the event.

P.S. We are looking for a few more volunteers to help coordinate at the event. If you would like to help, please e-mail David at david@evcl.com <<mailto:david@evcl.com>> . Thanks!

This event is supported by:, Palo Alto Green Teams, Acterra, CEAP, Volunteers for Organizing for America, 350.org

2. Two new IEEE Journals on Smart Grids and Sustainable Energy

IEEE Transactions on Smart Grid is intended to be a cross disciplinary and internationally archival journal aimed at disseminating the results of research on smart grid that relates to energy

generation, transmission, distribution and delivery. The journal will publish original research on theories, technologies, design, policies, and implementation of smart grid. Surveys of existing work on smart grid may also be considered for publication when they propose a challenging perspective of the future of such technologies and systems.

IEEE Transactions on Sustainable Energy is intended to be a cross disciplinary and internationally archival journal aimed at disseminating results of research on sustainable energy that relates to, arises from, or deliberately influences energy generation, transmission, distribution and delivery.

Read more about them at:
<http://www.ieee-pes.org/publications/transactions>

3. RMI Introduces an Online Carbon Calculator

Green Footstep <<http://nc.rmi.org//page.redir?target=http%3a%2f%2fwww.greenfootstep.org%2f&srcid=23316&srctid=1&erid=1501689>> is a free online carbon calculator for reducing carbon emissions in building construction and retrofit projects. This tool makes it easier for design professionals to set and reach targets that they'll need to achieve a carbon-neutral building. It is also an educational resource that helps users understand how much carbon is used over the life of a building.

The free tool can be found at [greenfootstep.org](http://nc.rmi.org//page.redir?target=http%3a%2f%2fwww.greenfootstep.org%2f&srcid=23316&srctid=1&erid=1501689) <<http://nc.rmi.org//page.redir?target=http%3a%2f%2fwww.greenfootstep.org%2f&srcid=23316&srctid=1&erid=1501689>> . There, you can take a look at case studies that show how Green Footstep <<http://nc.rmi.org//page.redir?target=http%3a%2f%2fwww.greenfootstep.org%2f&srcid=23316&srctid=1&erid=1501689>> has helped past projects to reach their carbon reduction goals. Also, you can create a login that allows you to save and reload your own project.

4. New LBNL Report Finds No Widespread Impact of Wind Projects on Surrounding Residential Property Values

Over 30,000 megawatts of wind energy capacity are installed across the U.S. and an increasing number of communities are considering new wind power facilities. Given these developments, there is an urgent need to empirically investigate typical community concerns about wind energy and thereby provide stakeholders involved in the wind project siting process a common

base of knowledge. A major new report released today by the U.S. Department of Energy's (DOE) Lawrence Berkeley National Laboratory evaluates one of those concerns, and finds that proximity to wind energy facilities does not have a pervasive or widespread adverse effect on the property values of nearby homes.

"Neither the view of wind energy facilities nor the distance of the home to those facilities was found to have any consistent, measurable, and significant effect on the selling prices of nearby homes," says report co-author Ben Hoen, a consultant to Berkeley Lab. "No matter how we looked at the data, the same result kept coming back - no evidence of widespread impacts."

The team of researchers for the project collected data on homes situated within 10 miles of 24 existing wind facilities in nine different U.S. states; the closest home was 800 feet from a wind facility. Each home in the sample was visited to collect important on-site information such as whether wind turbines were visible from the home. The home sales used in the study occurred between 1996 and 2007, spanning the period prior to the announcement of each wind energy facility to well after its construction and full-scale operation.

The conclusions of the study are drawn from eight different hedonic pricing models, as well as repeat sales and sales volume models. A hedonic model is a statistical analysis method used to estimate the impact of house characteristics on sales prices. None of the models uncovered conclusive statistical evidence of the existence of any widespread property value effects that might be present in communities surrounding wind energy facilities.

"It took three years to collect all of the data and analyze more than 50 different statistical model specifications," says co-author and project manager Ryan Wiser of Berkeley Lab, "but without that amount of effort, we would not have been confident we were giving stakeholders the best information possible."

The analysis revealed that home sales prices are very sensitive to the overall quality of the scenic vista from a property, but that a view of a wind energy facility did not demonstrably impact sales prices. The Berkeley Lab researchers also did not find statistically observable differences in prices for homes located closer to wind facilities than those located further away, or for homes that sold after the announcement or construction of a wind energy facility when compared to those selling prior to announcement. Even for those homes located within a one-mile distance of a wind project, the researchers found no persuasive evidence of a property value impact.

The report, "The Impact of Wind Power Projects on Residential Property Values in the United States: A Multi-Site Hedonic Analysis," can be downloaded from:

<http://eetd.lbl.gov/ea/ems/re-pubs.html>

A PowerPoint presentation summarizing key findings from the study can be found at:
<http://eetd.lbl.gov/ea/ems/emp-ppt.html>

5. Nice Climate Essay on "Why Two Degrees Really Matters"

This short essay by Jon Koomey and Florentin Krause elaborates on the most important implications of establishing a 2 degrees Celsius limit on global warming.

When the countries of the world meet for climate negotiations in Copenhagen this month, they will discuss how to prevent global temperatures from increasing more than 2 degrees Celsius (3.6 degrees Fahrenheit) above pre-industrial levels. This warming limit, accepted in principle by the leaders of the G8 countries in July is more than just a number—it represents a way to think about the climate problem that can help us develop and evaluate options for solving it.

<http://climateprogress.org/2009/12/06/copenhagen-two-degrees-warming-target/>

STANFORD STUFF

1. Energy Seminar Schedule, Weds 4:15-5:15, Bldg 420, Room 40

Public is invited to attend.

January 6, 4:15-5:15, Building 420, Room 40

John Weyant, Stanford University
Global Climate Architectural Policy

January 13, 4:15-5:15, Building 420, Room 40

Erfan Ibrahim, Electric Power Research Institute (EPRI)

Mini-Series on the Smart Grid #1: Demystifying and De-Jargoning the Smart Grid: What's Hype, What's Real, and Where's the Value?

January 20, 4:15-5:15, Building 420, Room 40

John Curtis, Colorado School of Mines

U.S. Shale Gas: From Resources and Reserves to Carbon Isotope Anomalies

January 27, 4:15-5:15, Building 420, Room 40

Suedeen Kelly, Commissioner of Federal Energy Regulatory Commission (FERC)

Mini-Series on the Smart Grid #2: Extending the Grid: Transmission Siting Issues and How to Resolve Them

February 3, 4:15-5:15, Building 420, Room 40

Marija Ilić, Carnegie Mellon University

Mini-Series on the Smart Grid #3: Integrating more than 50% Wind on the Grid: A Case Study

February 10, 4:15-5:15, Building 420, Room 40

Bert Metz, Former Co-Chair of the Working Group on Mitigation of the Intergovernmental Panel on Climate Change

Controlling Climate Change (His new book)

February 17, 4:15-5:15, Building 420, Room 40

Noah Diffenbaugh, Stanford University

Dynamics and Impacts of Climate Variability and Change

Feb 25, 4:15-5:15, Building 420, Room 40

TBD

March 3, 4:15-5:15, Building 420, Room 40

Reyad Fezzani, Chief Executive Officer, BP Solar

March 10, 4:15-5:15, Building 420, Room 40

Paul De Martini, VP of Advanced Technology, Southern California Edison

Mini-Series on the Smart Grid #4: What Does the Smart Grid Enable?

2. MAP Sustainable Energy Fellowships, 2010 (and a Brown Bag Lunch)

January 26 is the deadline for submitting your MAP Sustainable Energy Fellowship application is now being accepted. Fifteen Sustainable Energy Fellowships are available with:

- Border Green Energy Team, Thailand
- Natural Resources Defense Council, Beijing; Chicago; New York; San Francisco; Washington, DC
- Rocky Mountain Institute, Boulder, CO
- Union of Concerned Scientists, Cambridge, MA
- United Nations Foundation, Washington, DC
- United States Green Building Council, Washington, DC
- World Resources Institute, Washington, DC
- Worldwatch Institute, Washington, DC

Fellowships are three months, six months, and one year in duration. All Stanford students and those who have graduated within the last three years are eligible and encouraged to apply. Fellowship information can be found at: <http://www.maproyalty.com/fellowships.html> <<http://www.maproyalty.com/fellowships.html>>

For more information, contact fellowships@maproyalty.com <x-msg://434/fellowships@maproyalty.com>.

MAP Sustainable Energy Fellowship Brown Bag Lunches
Past MAP Sustainable Energy Fellows will share their experiences as MAP Fellows with a variety of exceptional NGOs. Join us for insights, discussion, pizza, drinks and a chance to ask questions as you consider applying for 2010 Fellowships. Wednesday, January 13 in Y2E2, Room 299, 12:00-1:00 PM.

3. ME 221: Green Design Strategies and Metrics

ME221, "Green Design Strategies and Metrics" is a graduate/undergraduate class that will give students a foundation in sustainable product design principles, reinforced by conceptual design projects. It is primarily intended for product design and mechanical engineering majors, though it is also relevant for MBA and MS&E students, as well as other engineering fields. Students will learn what aspects of sustainability matter most for different products, and will practice the use of dozens of strategies to improve the sustainability of products. They will become familiar with frameworks, measurements, and decision-making tools to help them navigate the complexities of designing greener products. Topics covered will include life-cycle analysis, materials, energy use, biomimicry, product-service systems, persuasive design, design for end-of-life, and systems thinking.

The course will be Fridays, 1:15 - 3:05, in Peterson (a.k.a. Building 550), room 200. It will be taught by Jeremy Faludi, of Project FROG and Worldchanging.com. (Full bio at http://faludidesign.com/about/Jeremy_Faludi_bio.html.)

4. New Course: CS 321 Information Processing for Sensor Networks

This is a sensor networks course that is quite relevant to energy monitoring in buildings and other topics that may interest environmental engineering or civil engineering students.
Instructor: Leonidas Guibas; Mo/We, 2:15 - 3:30 pm, Gates 100

The advent of low power devices that combine sensing, processing, and wireless networking makes it possible to monitor and observe the physical world at unprecedented scale (1000's of sensors) and granularity. Emerging applications such as energy and environmental monitoring, infrastructure and building management, health-care delivery, and location-aware services have generated great interest in both academia and industry. Both the deployment and management of such distributed systems present many unsolved challenges, due to the fragile nature of the devices themselves, the volatility of wireless links, and the basic difficulty of architecting a reliable system out of unreliable components. Techniques are required from a broad range of disciplines, including wireless communication, signal processing, graph theory, computational geometry, combinatorial optimization, probabilistic inference, and many others. In this course we plan to cover:

The course presumes a basic knowledge of networking and algorithms. Background material will be presented as needed, including a quick introduction to TinyOS and network simulators. A project will be required. Implementation projects will use low resolution cameras and motion sensors to track multiple pedestrian flows in a building. Standard sensor network nodes such as Intel iMote2 and Crossbow TelosB motes as well as more powerful Linux based nodes will be available. CMOS image sensors and passive infrared sensors will be used to detect and monitor motion. Students may also elect to undertake a more theoretical project, in lieu of the implementation project, as this area is ripe with many interesting algorithmic problems.

The class web page, <http://graphics.stanford.edu/courses/cs321-10-winter>

5. Early notice: New Spring Course on Energy and Climate Change

Armin Rosencranz is returning !! Yay... and will be teaching an IR seminar on energy and climate this coming spring quarter. Limited to 30 people, and preference to IR majors.

COURSE OVERVIEW (Class meets Tues. 2:15 to 5:05 in Encina C464, spring 2010)

Climate change is a worldwide environmental, social and economic challenge. It touches on aspects of air pollution, land use, toxic waste, transportation, industry, energy, government policies, development strategies, and individual freedoms and responsibilities. Carbon dioxide and methane are the principal heat-trapping greenhouse gases. Carbon is the underpinning of most energy supplies used in transportation and power production – coal, oil and gas. Given the short term planning horizon of most political and economic institutions, climate change presents major policy challenges.

This class also provides an interdisciplinary introduction to the technology, economics, and politics of energy use. We investigate specific technologies and discuss their impact on geopolitics, the environment and mitigating the effects of climate change. In doing so we seek to address these questions, among others: What is the role of energy in national security? What is the future of oil and coal? What role can nuclear power serve for the next century? Do wind and solar power have the potential to supplant other energy sources? What role will hybrid electric vehicles play in the transport sector? What will climate change mean for our energy mix? How do developing countries view energy differently? What is the proper balance of regulation and free market operation in energy markets? What new technologies are on the horizon, and how promising are they? How much attention should we pay to geo-engineering? The class will be run primarily as a lecture and discussion format with student presentations on particular energy technologies. Readings will average 60-80 pages per week. If an article is longer than 20 pages, read the intro, conclusion and major headings; skim the rest. We'll also engage in a simulated international climate negotiation in the ninth week. Enrollment in the class will be limited to 30 students.

6. Winter Course on Large Scale Solar Developments

Professor Margot Gerritsen is offering a class to research various aspects of large scale solar development for the winter quarter. This would be a small class of 4-5 people, working independently on a team project. This class meets once a week on Wednesdays. It is a three-unit course and must be taken for a grade. The results of the team project will be used in preparation for the Woods Forum on large scale solar deployment (April 2009). This is a great course for those who are interested in large scale solar to learn more about this industry. Please email Felice Gunawan if interested at feliceg@stanford.edu. Thank you.

JOBS JOBS JOBS

1. SouthWest Energy Efficiency Project (SWEEP): Building Efficiency and Utility Program Associates
2. EnXco: Resource Assessment Engineers, Escondido, CA
3. Google: Program Manager, Carbon Offsets, Mt. View, CA
4. Energy and Building Systems Engineer: dbHMS, Chicago
5. Policy Analyst Volunteer: FIT (Feed-In Tariff)Coalition, CA
6. Research Associate, California Environmental Associates, SF
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8. Automation Engineer (PVs), 1366 Technologies, Lexington, MA
9. SunPower continues to hire
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11. California Public Utilities Commission: Multiple Positions for Regulatory Energy Analysts
12. Sandia National Laboratories: Four Internships: Stationary Fuel Cell Systems
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18. Technical Advocacy Coordinator for the Appliance Standards Awareness Project, DC
19. Solar Millennium: Director or VP of Engineering--Power Project Development, Berkeley
20. Senior Industry Analyst- Building Efficiency, Pike Research, Boulder
21. Director E+Co, Tanzania, Africa
22. Automotive Alliances / EV Battery Intern: Better Place, Palo Alto
23. Energy-related Summer Internships
24. PostDoc: Modeling of Innovative Building Systems, Eindhoven University of Technology, Netherland
25. Program manager, Energy Efficiency Standards, LBNL
26. Environmental Specialist: Energy Efficiency, San Francisco Dept of Environment
27. Energy Consulting Manager, PowerAdvocate, Boston, MA or San Francisco, CA
28. Business Development Associate: 3Degrees, SF
29. Faculty Position: Energy Resources Engr. Harvey Mudd College
30. Six More Energy Faculty Positions

JOBS JOBS JOBS

1. SouthWest Energy Efficiency Project (SWEEP): Building Efficiency and Utility Program Associates
SWEEP is growing, and we are currently accepting applications for two new positions based in

Colorado. For complete job descriptions, visit our website at www.swenergy.org <<http://www.swenergy.org>> .

Program Associate - Buildings Efficiency

The Buildings Program Associate will work on energy efficiency in buildings, reporting to our Buildings Program Director. Responsibilities include:

- Assist with the analysis and advocacy of state-of-the-art building energy codes and appliance efficiency standards;
- Participate in the code adoption process and testify on code change proposals;
- Provide technical assistance and advice to state, cities, and utilities that are implementing programs to increase energy efficiency in residential and commercial buildings;
- Research new and emerging energy efficiency technologies for buildings and evaluate their energy savings potential and applicability in the Southwest;
- Write status reports, technical summaries, articles, white papers, and presentations;
- Organize and plan meetings and workshops, and provide technical presentations when requested; and
- Conduct outreach to raise awareness and increase the adoption of energy efficiency measures in new homes and commercial buildings in the Southwest.

Senior Associate or Program Associate - Utility Program

The Utility Program Senior Associate (or Program Associate) will:

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

2. EnXco: Resource Assessment Engineers, Escondido, CA

Resource Assessment Engineer
Solar Assessment Department

This position is directly responsible for, solar site assessments, performance engineering, enhancing the

solar assessment process, and providing technical support for engineering solutions.

Reports to: Solar Resource Assessment Manager

Division/Department: Project Development

Location: Escondido, CA

90% of the time is spent in the office environment, utilizing computers (frequent use of CAD software,

Engineering/modeling software, MS Word, and MS Excel), phones, and general office equipment. 10% of

the time is spent in the field conducting site visits.

- Analyze plant performance data and compare to predicted performance estimates
- Analyze meteorological data to identify and evaluate new sites for future solar projects
- Continuously improve data analysis and reporting, while focusing on reliability and accuracy of data
- Utilize industry-standard modeling software to provide energy and production estimates for potential solar projects
- Determine locations/configuration of meteorological equipment and provide support for installation and maintenance
- Develop new methods of analyzing climate variability and determining its impacts on energy and production
- Support key project development functions for all projects; including financial feasibility analysis, engineering/design, project legal review, etc

Bachelor of Science degree in Mechanical or Electrical Engineering or equivalent.

Work experience in the energy industry, with minimum 6 months experience with solar PV projects preferred.

Resource Assessment Engineer

This position is directly responsible for Identifying and evaluating wind and/or solar energy of potential

project sites for enXco and quality control of meteorological instrumentation and data.

Reports to: Resource Assessment Manager

Division/Department: Project Development

Location: Escondido, CA

Classification: Exempt

90% of the time is spent in the office environment, utilizing computers (frequent use of GIS

software, Engineering/modeling software, MS Word, and MS Excel), phones, and general office equipment. 10% of the time is spent in the field conducting site visits, supervising meteorological site installations, and micrositing.

- Analyze meteorological data to identify and evaluate new sites for future wind and/or solar projects
 - Determine locations/configuration of meteorological equipment and provide support for installation and maintenance
 - Continuously improve data analysis and reporting, while focusing on reliability and accuracy of data
 - Utilize industry-standard modeling software to provide energy and production estimates for potential wind and/or solar projects
 - Develop new methods of analyzing climate variability and determining its impacts on energy and production
 - Work with turbine manufacturers to identify suitable turbines for potential wind project sites.
 - Assist GIS team in the development and evaluation of constraint maps for project sites
 - Prepare and modify project site designs/layouts using industry-standard software
 - Provide technical, professional reports to senior management on the viability of potential wind and/or solar
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- Bachelor of Science degree in Engineering, Meteorology, or related science/technology field.
 - Work experience in the energy industry, with minimum 6 months experience with wind/solar projects preferred.

To apply for a position, please send your CV/Resume electronically to employment@enxco.com

3. Google: Program Manager, Carbon Offsets, Mt. View, CA

<http://www.google.com/support/jobs/bin/answer.py?answer=167730&query=carbon&topic=&type=carbon>

The role of the Program Manager will be to provide the project management skills, analytical “horsepower”, and business judgment to support strategic and tactical initiatives globally. Google has very high performance standards and everyone is expected to work aggressively to achieve challenging goals. The COPM will be responsible for identifying and mitigating risk, and

to serve as an expert for carbon offset strategy, procurement, methodology, and policy-making at the national and global level. You are a self-starter who can work in a rapidly-changing industry, tolerate ambiguity, lead cross-functional teams through influence, and demonstrate problem-solving leadership with limited oversight. Changes with respect to operations and day-to-day activities may require focus to be shifted as necessary.

Responsibilities:

- Research and analyze carbon offset projects around the globe.
- Maintain meticulous documentation both of financial and project records
- Work well on multidisciplinary teams including legal, finance, and policy.
- Clearly communicate findings from offset initiatives to senior management and to the broader organization.
- Own part of larger initiatives both on an on-going basis and on an ad-hoc basis.

Requirements:

- BS degree preferred in a technical field with a strong academic record or equivalent work experience. A graduate technical degree a plus.
- At least 2 years relevant experience in energy or climate policy. Demonstrated strong performance in prior roles, with increasing levels of responsibility and independence.
- Distinctive problem solving and analysis skills and impeccable organizational skills.
- Experience in or passion for climate policy and information technology.
- Ability to travel to all carbon offset project site locations.

4. Energy and Building Systems Engineer: dbHMS, Chicago

dbHMS is a Chicago based sustainable consulting engineering firm. We are currently working on projects in North America and India. We are seeking highly motivated and creative engineers for our Chicago office. dbHMS creates concepts for building systems in collaboration with architects and owners and then sees them through design and construction. Our designs focus on first principles and understanding of human comfort and the environment to deliver approaches that minimize energy use and integrate building architecture with building systems. Our team includes engineers, lighting designers, architects, building commissioning agents and construction managers.

We perform building simulations to prove our concepts, design building systems and oversee construction on our projects. We use the following tools to assist us:

1. Building Simulations: DOE 2.2, TRNSYS, Energy Plus and IES
2. Lighting Analysis: AGI32 and IES
3. CFD: FLUENT and IES

4. Design: Revit and AutoCAD.

Typical responsibilities for our engineers include:

- Building Simulation Analysis - thermal, lighting, water conservation
- Building HVAC, Electrical, Plumbing and Fire Protection System Design and Engineering
- Coordination and Collaboration with Architects and other Engineers
- Specifications and Report Writing
- Materials and Systems Research
- Building Systems and Controls Commissioning
- Visiting sites to assess existing conditions or oversee construction

Our engineers are specialists in their areas of expertise but generalists in the built environment. We are looking for both entry level positions and 3-7 year experience positions in our Chicago Office. Our current staffing requirements are the greatest for building simulation and mechanical design engineers.

Interested applicants may send their resume and work samples to hr@dbhms.com.

www.dbHMS.com <<http://www.dbHMS.com>>

5. Policy Analyst Volunteer: FIT (Feed-In Tariff)Coalition, CA

Get involved in the future of renewable energy in the US with the FIT Coalition!

The FIT Coalition is one of the country's leading advocates for policies that will spur massive deployment of renewable energy quickly and cost-effectively. We are an organization known for being objective, informed and effective; and we are relentless in achieving policy outcomes that will unleash renewable energy in the United States.

We're looking for people passionate about renewable energy to fill several Policy Analyst roles in the FIT Coalition. These analysts will spend 5-10 hrs per week focusing on the California regulatory agencies (Public Utilities Commission, Energy Commission, Air Resources Board) that are actively crafting and modifying renewable

energy programs.

Analysts will start by helping track the regulatory proceedings and documenting the positions of parties that submit written comments. This will be an extremely fast way to learn about energy policy in California – the history, terminology, competing forces, and the process. Analysts who come up to speed quickly will then help craft FIT Coalition comments to the agencies as well as represent the FIT Coalition at important policy events.

If you are looking towards a career in renewable energy or cleantech in general, policy experience with the FIT Coalition will be valuable to your future success. If you are interested in this exciting role and contributing to America's renewable energy goals, please send a resume and a thoughtful cover letter to ted@fitcoalition.com.

You can learn more about the FIT Coalition at www.fitcoalition.com <<http://www.fitcoalition.com>>

6. Research Associate, California Environmental Associates, SF

California Environmental Associates (CEA) seeks to transform markets, business practices, regulations and policies to create economic incentives that will yield positive environmental outcomes. For 25 years, California Environmental Associates has helped transform markets, business practices, public policies, nonprofit organizations, and philanthropic strategies to achieve positive outcomes for the environment. CEA has extensive experience and an intricate knowledge of key environmental issues, including climate change, energy policy, marine conservation, sustainable agriculture, forest management, goods movement, air quality, toxic chemicals, and land-use planning.

CEA is looking for a Research Associate to provide support to the firm's philanthropic and environmental NGO client activities in a 12 month limited-term position (with an option for extension based on performance and workflow). The Research Associate will assist with strategic planning, program development and recruiting services. This is an excellent opportunity for individuals seeking an entry-level position in the environmental field to gain exposure across a broad range of issues. The Research Associate will be exposed to a challenging, collegiate, team-oriented work environment and will have the opportunity to serve on a wide variety of client assignments on some of the most pressing environmental issues. The Research Associate will be responsible for managing schedules, planning meetings,

editing documents and designing and conducting extensive research within the environmental field. The position requires intellectual rigor, independence, demonstrated attention to detail and a passion for environmental issues.

More specifically, the Research Associate will:

- Conduct research and produce summary memos, reports, articles, presentations, and proposals.
- Support project teams with logistics, setting up conference calls, coordinating travel arrangements, etc.
- Support communications and outreach efforts and management of a client database.
- Provide content maintenance for CEA's website.
- Provide general organizational and operations support to various client teams.
- Assist with production and quality control of outgoing work products and correspondence.
- Provide support to CEA's recruiting team. Manage job postings, candidate communications, interview schedules and meeting planning.
- Support communications and marketing efforts.

The successful applicant will have the following minimum qualifications:

- A bachelor's degree or equivalent, preferably in a field related to environmental studies, economics, or public policy.
- 1-2 years related experience or equivalent, preferably in an office environment.
- Attention to detail and strong organizational skills.
- Excellent research, analytical, and writing skills.
- Excellent communication and interpersonal skills.
- Competence in MS Word, Excel, PowerPoint, and familiarity with Salesforce.com. Strong database management experience a plus.
- Experience working with HTML and web publishing a plus.
- Ability to work effectively and efficiently with minimal supervision.
- A self-starter, with the ability to anticipate team needs.
- Applicants should have a strong passion for environmental and social issues.
- Foreign language skills a plus (ideally Spanish and/or Mandarin)

CEA offers an excellent benefits package and a competitive salary that is commensurate with experience. This is a 12 month limited term assignment.

To be considered for this position, interested candidates must follow the link below to submit a resume, cover letter, and salary requirements:

http://www.ceiconsulting.com/what/position_details.aspx?client=CEA&jobId=60

Amy Dickie | Associate
California Environmental Associates
423 Washington Street, 3rd Floor
San Francisco, CA 94111
T: (415) 421-4213 x 21
F: (415) 982-7989
www.ceaconsulting.com <<http://www.ceaconsulting.com>>

7. Vice President, Energy Efficiency, ICF International, CA

ICF International (NASDAQ:ICFI), a global professional services firm, partners with government and commercial clients to deliver professional services and technology solutions in energy and climate change; environment and infrastructure; health, human services, and social programs; and homeland security and defense markets. Since 1969, ICF has been serving government at all levels, major corporations, and multilateral institutions. More than 3,500 employees serve these clients worldwide.

ICF is one of the nation's premier organizations in the development and implementation of innovative energy demand management strategies—including energy efficiency, demand response, smart grid, and peak load management for energy companies, governments, and commercial clients. Our experts provide outstanding depth and breadth of experience and have completed hundreds of successful assignments associated with some of the most complex, far-reaching, and high-visibility market transformation programs in the country. For more than 20 years, ICF has provided cutting-edge marketing, technical, and project management services to promote energy efficiency, both domestically and internationally. We work with dozens of utilities on such programs and provide a range of services to the U.S. Department of Energy and for the U.S. Environmental Protection Agency's ENERGY STAR® program.

We are seeking an outstanding executive-level manager to help grow our energy efficiency and sustainability practice in California and on the west coast. The successful candidate will be responsible for strategic design and implementation of multi-million dollar programs that support our clients in helping their customers to improve the energy efficiency of their facilities and operations, and homes. The ideal candidate will have a demonstrated track record of leading the marketing and capture of large energy efficiency procurements. Additionally you will manage a large professional staff in a fast-paced environment, providing day-to-day direction and oversight. The successful candidate will also build and strengthen senior client relationships, especially with Western investor-owned and municipal utilities engaging on

issues of strategic direction, quality assurance, and resource allocation.

- Provide outstanding leadership to the Energy Efficiency business within ICF's Energy, Climate, and Transportation Group resulting in effective implementation of business strategies and achievement of quality, profit, growth and other objectives.
- Provide high levels of strategic and business vision, as well as tactical ability to ensure that business objectives are clearly defined and communicated and that internal operations are productive, effective and measurable. Ensure that the Energy Climate and Transportation Group is agile and adaptive to changing market conditions.
- Develop, track and report critical business metrics that allow accurate assessment of all aspects of performance, growth, productivity, strategic effectiveness and financial performance. Move aggressively to implement corrective actions needed to achieve objectives.
- Further develop, lead and motivate the team. This will involve evaluating and strengthening the team, as required, to solidify succession plans and enhance management capabilities to meet strategic and operating objectives.
- Work closely with major customers, key alliance partners and management to establish an environment where "Best Practices" are developed and continually improved. Work with all parties to obtain prompt resolution to key business issues likely to impact quality, service and operations.
- Play an active leadership role in the organization and the energy efficiency community. Promote a culture of success, pride, performance, discipline and creativity. Be an effective spokesperson and champion for the Energy Efficiency Division and ICF as a whole.
- Key Qualifications: Bachelor's degree in business or energy related field, Masters preferred.
- At least 15 years of experience developing and running successful energy efficiency and demand management implementation programs, with a proven track record of successful business development expertise.
- A proven track record of leadership, having culminated in a position as a senior player within an Energy policy and strategy-oriented consulting services business unit with a strong energy efficiency program implementation component. Alternatively candidates with strong

reputations and experience coming from leadership positions within the Energy branches of federal or state agencies or electric or gas utilities will also be considered.

- Experience in multiple sectors, including residential, commercial and industrial, and product development.
- Ability to set and clearly articulate goals/priorities and exhibit a high level of energy and drive to achieve them. A perspective that encourages personal commitment and holds management and support staff accountable for achieving targets.
- Demonstrated capabilities in developing effective relationships with industry stakeholders and service providers in California and the western region, and a full understanding of the dynamics of that market.
- Strong experience managing consulting and program implementation projects with both public and private sector clients, including providing quality control and budget accountability.
- Outstanding analytical, writing, and communication skills and excellent interpersonal and management skills are required.
- This position is based in California. ICF maintains offices in San Francisco, Sacramento, San Diego, and greater Los Angeles.

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

8. Automation Engineer (PVs), 1366 Technologies, Lexington, MA

1366 Technologies is seeking an engineer to work on automation, controls, and electronics for the advanced solar cell production machines we're developing. We will be designing and building machines that process one part per second, with tight quality control and yield specifications.

This position will focus on ground-up design and deployment of both R+D and factory-ready production machines -- designing circuits, specifying and sourcing hardware, writing control code, designing user interfaces, and debugging and troubleshooting machines. The ideal candidate will be fearlessly hands-on and will have successfully built a variety of systems.

Experience with embedded or industrial programming and an intimate working knowledge of electronics are a must. Familiarity with factory automation, PLCs, motion control, sensors, and industrial instrumentation is also desirable. A minimum of a BS in a related field is required.

There will necessarily be a large amount of on-the-job learning, but we are looking for someone who picks up concepts quickly, can figure things out independently, and has excellent problem-solving skills. Extensive industry experience is preferred, but we'll also consider less-experienced applicants who have demonstrated aptitude in real-world projects.

Location: Lexington, MA.

Contact Eerik Hantsoo, ehantsoo@1366tech.com.

9. SunPower continues to hire

SunPower is continually looking for talented and driven people. You have posted SunPower's information many times, but you should mentioned that they should also feel free to contact me for any questions they may have. See their website at <http://us.sunpowercorp.com/about/careers.php>

Albert Chan, a Stanford engineer alumni and now a 2.5 year veteren at SunPower, is happy to talk to interested applicants who would like to learn more about SunPower. You can contact him directly at work albert.chan@sunpowercorp.com

10. Policy Analyst: SunRun, SF

SunRun is the fastest growing residential solar company in the country and has a mission to bring clean

solar power to the masses. SunRun was founded on the simple idea that solar electricity should be

affordable and hassle-free. We provide consumers the most cost effective and easiest way to go solar.

We sell residential customers electricity produced by solar systems installed at their homes through

Power Purchase Agreements. We own and operate these systems, which are built by expert solar

installers using the best technologies available today. We currently operate in Arizona, California,

Colorado and Massachusetts and are in the process of expanding to numerous new markets.

- Be part of a dynamic policy team at a market-leading renewable energy company where legislative

and regulatory affairs are an integral part of the success of our business

- Work at a renewable energy developer with demonstrated success in originating customers and

raising debt, equity, and tax equity capital

- Report to our Vice President of Legislative & Regulatory Affairs

- Develop/write position papers to support legislative and regulatory asks, primarily related to renewable energy finance/tax legislation

- Attend meetings with relevant legislative staff and officials to pitch the position papers

- Research/analyze legislative and regulatory issues in our current markets

- Work closely with our Analysts and Channel team to support their efforts in entering new markets

- Provide other miscellaneous policy support to Channel, Sales and Marketing teams

- Minimum 2-4 years related work experience, ideally in the renewable energy arena

- Superior writing skills; ability to “sell” our business model to legislators in writing
- Strong analytic skills; superior attention to detail
- Familiarity with the functioning of local, state and federal US government, as well as state utility commissions
- Familiarity with Renewable Energy Credit (REC) markets a plus
- Finance/tax background a plus
- Ability to manage many projects simultaneously
- Strong work ethic, a sense of urgency, and ability to work effectively with many deadlines

Competitive salary, options, bonus, vacation, medical insurance, dental insurance, and 401(k) plan. We

are located in San Francisco’s Financial District, a block from BART.

Resumes/applications should go to the SunRun HR person –Pat Schoof
 pats@sunrunhome.com

11. California Public Utilities Commission: Multiple Positions for Regulatory Energy Analysts

The California Public Utilities Commission is the State’s lead agency working to increase the amount of energy efficiency in California, and to reduce power plant emissions which lead to climate change. On behalf of ratepayers, the CPUC oversees high-profile energy efficiency programs, administered by investor-owned utilities and totaling some \$1 billion/year in spending, that represent an important avenue to increasing energy efficiency in the state. Energy efficiency is first in the State Energy Action Plan “loading order,” meaning it is California’s most preferred energy resource and as such represents a least-cost energy resource and significant GHG reduction-option for the state.

The Energy Efficiency Planning (EEP) Section is responsible for overseeing 12 Statewide programs in the areas of: Residential Homes; Zero Energy New Construction; Commercial

Buildings; Lighting Market Transformation; Heating, Ventilation and Air Conditioning; Industrial; Agriculture; Marketing and Outreach; Workforce, Education and Training; Codes and Standards; Emerging Technologies; and Integrated Demand Side Management. The EEP Section also provides oversight over utility partnerships with local and state governmental agencies, third-party programs and unique “local” utility programs and pilot projects. The EEP Section is responsible for related policies, programs and initiatives, such as the development of annual and cumulative utility energy efficiency savings goals; overseeing the development of cost-effective utility portfolios and programs; assessment of energy efficiency financing mechanisms; advancing statewide and market-sector specific energy efficiency market transformation targets; and advancing progress on the California Long-Term Energy Efficiency Strategic Plan, including management of public workshops, reports and studies.

Among the positions available: The Energy Division is seeking a senior level analyst to take a leadership role in the Commission’s oversight of these energy efficiency program activities, with particular emphasis on cost-effectiveness policies, energy efficiency financing mechanisms, and promotion of promising technologies especially for the industrial sector.

12. Sandia National Laboratories: Four Internships: Stationary Fuel Cell Systems

My name is Whitney Colella and I am a Truman Research Fellow at Sandia National Laboratories doing research on modeling novel designs for stationary fuel cell systems. We perform thermodynamic and chemical engineering modeling for co-generative and poly-generative fuel cell systems as well as techno-economic modeling of novel strategies not commonly employed in the industry.

We are building up a research group in the area of stationary fuel cell system modeling and analysis. With support from the Department of Energy (DOE), the International Energy Agency (IEA), the Department of Defense (DOD), Lockheed Martin, and other sources, we will be bringing on several additional employees in our division at Sandia.

We currently are seeking to hire several new employees to assist in our research. Right now we have four positions available, two for undergraduate year round interns and two positions available for graduate year round interns. All four positions will be focusing on Energy Systems Modeling & Optimization. If you are a current doctoral or post-doctoral student with relevant experience, please do not hesitate to send me your resume. Additional positions will be opening.

Please let me know if you have any questions, concerns, or would like more information about our research.

Dr. Whitney Colella , PhD, MBA
Truman Research Fellow
Sandia National Laboratories
MS 0734, PO Box 5800, Albuquerque, New Mexico, 87185
Phone: (505) 844-8534; Voice Mail (only): (925) 294-2612
Fax: (505) 844-7786; Email: wgcoel@sandia.gov
Website: <http://www.sandia.gov/Hybrid-Organic/wgcoel/wgcoel/index.php>
Newslink: <http://public.ca.sandia.gov/crf/viewArticle.php?cid=000021>

Interns will assist in developing models of stationary cogenerative fuel cell systems and related energy conversion or storage devices. These energy device models will be connected to each other to simulate a distributed energy grid composed of many such devices. This macro-distributed grid model will be tested against electricity and thermal demands in buildings. The design of these energy devices, their installed capacity, and their installation design and control will be optimized in the context of energy demands.

Successful candidates will help evaluate avant-garde designs of cogeneration stationary fuel cell power plants, and building energy demands. Assessment criteria for these energy systems and supply chains will include 1) their impact on the environment including a) greenhouse gas emissions, b) criteria air pollutants, c) solid waste production, d) human health and e) energy efficiency; 2) their implications for national security including a) the security of the fuel and energy supplied, b) the diversity of the fuel supply, and c) the dependence of foreign oil; and 3) their costs to consumers, governments, and incumbent energy suppliers.

13. Paid Internship on CA Environmental Policy, EDF, San Francisco

This position will assist EDF's west coast political director with a range of research and writing projects related to statewide environmental policy. The position will also support efforts to implement AB 32, California's Global Warming Solutions Act, by helping to build a political support network of California businesses.

This intern will be performing tasks including: 1) conducting policy research to advance various EDF policy strategies; 2) writing memorandums and briefings that summarize policy research and make strategy recommendations; 3) compiling weekly digests on California political campaigns and other relevant events; 4) organizing and helping implement social media campaigns associated with EDF programs.

This position is 30-40 hours per week, has four month term, and is based in EDF's San Francisco office. EDF will provide this intern \$2,000 per month. The position is available immediately

and diverse candidates are encouraged to apply.

Environmental Defense Fund, a leading national nonprofit organization, represents more than 700,000 members. Since 1967, Environmental Defense Fund has linked science, economics, law and innovative private-sector partnerships to create breakthrough solutions to the most serious environmental problems. For more information about EDF, please visit www.edf.org <<http://www.edf.org>> .

14. Consulting Opportunity: Gettaround Inc. Bay Area, CA

Gettaround Inc. is working to enable a next-generation transportation sharing service that can permanently replace private car ownership, provide affordable transportation to all and significantly reduce the nation's carbon footprint. The technology we are looking to develop will enable green transportation and safety applications including: peer-to-peer ride sharing/ carsharing, inter-vehicle communication, real-time CO2 emissions tracking and consumer incentive program, as well as, traffic pattern analysis.

They are looking to take this technology to the next level and to work in collaboration with Stanford faculty and PhD level students to develop a low cost wireless device that leverages smartphones. The technology must provide near real-time information about the exact location of the vehicle, enable high bandwidth communication, and support actuating key vehicle functions including remote unlock.

The Company is flexible in the exact area of collaboration. Anticipated areas include:

- Automotive industrial design, form factor analysis, and device prototyping
- Cryptographic and security analysis of peer-to-peer ad-hoc vehicle networks
- Hardware analysis and RF design for low-power personal area networks
- Embedded software design and development
- Ad-hoc vehicle protocol analysis, design, and development
- Cloud-based communication server architecture and scaling analysis
- Web and mobile application design, development, and usability testing

Gettaround is funded by some of Silicon Valley's top angel investors, and is gearing up to launch into key markets in early 2010. Their skilled technology developers, operations managers, and sales teams are currently working to finalize the online marketplace, hardware, software and mobile interface for next generation carsharing. They are looking for PhD student or faculty consulting.

Jessica Scorpio, Co-Founder
Director of Business Development
Gettaround Inc.
650.450.1475

15. Paid Internship: Ambata Capital, SF

Ambata is a global investment and advisory firm specializing in clean energy and sustainability, with a strategic focus on the Middle East and Africa. We are seeking interns in our SF office to assist investment professionals with targeted research projects across clean technology and sustainability. 10 hours or more.

Responsibilities

- Creating research reports summarizing clean energy and water technology markets
- Researching individual clean technology companies and conducting SWOT analysis
- Screening research databases for pertinent cleantech and sustainability information
- Researching government policy and incentive programs
- Summarizing 3rd party research reports

Qualifications

- Working towards either a Bachelor or Master's degree in a relevant Major
- Academic, extra-curricular and/or work background reflecting a passion for the clean energy and sustainability sectors

Please contact Monica Miller at monica.miller@ambata.com to apply.

16. PV Field Applications Engineer, Abound Solar, Loveland, CO

Abound Solar (www.abound.com <<http://www.abound.com>>) is a Colorado-based manufacturer of CdTe thin-film PV modules. The company is institutionally-backed and is commercializing a breakthrough manufacturing process for making high-performance thin film photovoltaic (PV) modules. Abound's proprietary technology will enable the production of PV

modules at the lowest cost in the industry, significantly reducing the cost of generating solar electricity.

Abound is seeking a Field Applications Engineer to serve as a key technical interface between Abound and its customers as well as balance-of-system providers. Coverage will be the Americas; Europe will have separate FAE support.

Primary responsibilities will include:

- Become the Sales group expert on all product and system technical issues and considerations
- Serve as the focal point and conduit for all product-related technical questions from customers and potential customers
- Train our customers' engineers in the design, installation and operation of plants utilizing Abound's panels
- Evaluate customers' system designs for Abound approval and provide customer feedback into Abound's System Architecture Program
- Serve as our customer's primary resource for technical issues that arise during system design, installation, and operation
- Build and maintain a thorough understanding of balance-of-system technologies to understand the ever-evolving technical ecosystem and help Product Marketing develop and maintain Abound's approved-configuration road map
- Assist Product Marketing, Quality, Reliability and Engineering in development of product improvements and help define the roadmap for the next-generations of product
- Provide input to Product Marketing and Engineering about the Product Installation Manual and the Customer Documentation Kit (module information, application notes, test reports, system performance, etc.)

Requirements: Significant experience designing and building large-scale PV systems.

Location: Loveland, CO (<http://tinyurl.com/abound-loveland>)

To find more information, and to apply, please visit:

<http://www.abound.com/content.asp?cid=67>

17. Executive Director, Colorado Renewable Energy Society (CRES)

The Colorado Renewable Energy Society seeks a visionary Executive Director to lead the organization to a dramatically increased level of effectiveness for the opportunities and challenges ahead. CRES--a chapter of the American Energy Society--is Colorado's leading membership organization for renewable energy and energy efficiency. CRES is seeking an Executive Director with superlative yet practical skills in leadership, fundraising, and business management who embodies the spirit of our new mission:

The mission of CRES is to inspire an era of clean energy innovation, speeding the transition to a sustainable energy economy in Colorado by advancing education, policy and economic development.

A detailed description of this position may be found at <http://www.cres-energy.org/jobs/>
DEADLINE TO APPLY: December 15, 2009

18. Technical Advocacy Coordinator for the Appliance Standards Awareness Project, DC

The Appliance Standards Awareness Project (ASAP) is a national organization dedicated to advancing appliance and equipment energy-efficiency standards as a means to save energy, reduce global warming emissions and other environmental impacts, improve energy security and cut consumer energy costs. ASAP runs a national coalition of efficiency standards proponents which includes representatives from energy efficiency, environmental and consumer groups, utilities and state government. ASAP works for energy-saving standards at both the state and national level. (See <http://www.standardsasap.org/about.htm>)

This new position will coordinate and help lead ASAP's technical advocacy efforts aimed at winning strong new national standards for a variety of home appliances, lighting products and commercial equipment. The position will work in close collaboration with the ASAP Outreach and Executive Directors to develop and implement multi-faceted strategies for each targeted product.

- Coordinate and help lead the coalition's technical advocacy working groups for pending U.S. Dept. of Energy (DOE) rulemakings.
- Review and analyze DOE's rulemaking documents and analyses.

- Conduct targeted research and analysis designed to influence rulemaking outcomes; assist in writing technical comments.
- Prepare written materials including rulemaking summaries, fact sheets and joint letters.
- Represent ASAP, including through oral and written testimony.
- Track progress of DOE rulemakings.

REQUIREMENTS

- Ability to interpret complex technical and economic analysis and communicate its meaning to expert as well as non-technical audiences.
- Excellent project management skills including team-building, facilitation, attentiveness to details.
- Strong written and spoken communications skills (including public speaking).
- Some familiarity with energy policy and legislative and regulatory processes.
- Self-motivation and ability to manage multiple assignments, work efficiently and meet deadlines with limited supervision.
- Flexibility: This position is one of just three positions at ASAP: all staff must be willing to take on whatever tasks are needed to advance the project goals. Occasional travel required.
- Professionalism, poise and the ability to work as part of a team, maintain a sense of humor, and interact with a diverse array of people.
- Masters degree preferred, Bachelors required. Two or more years relevant experience.

Location: Washington, DC.

Start Date: Position will be filled as soon as a suitable candidate is found.

Salary: Commensurate with experience, plus a generous benefit package, including a cafeteria-style benefits plan.

To Apply: Send a resume and cover letter to job_opening@aceee.org. Please use "ASAP" in the subject header.

ASAP operates as a project of the American Council for an Energy Efficient Economy (ACEEE).

19. Solar Millennium: Director or VP of Engineering--Power Project Development, Berkeley

Solar Millennium, LLC a concentrating solar power plant development company focused on the southwestern United States, has an immediate opening for Senior Position in Engineering to play a leading role in the engineering and construction of utility scale parabolic trough solar power plants located in desert southwest. Solar Millennium is the Developer/Owner of the prospective power projects and will employ EPC contracts to design and build plants on a fixed price, turnkey basis.

Position: Director or Vice President of Engineering – power project development and implementation

Lead and oversee all aspects of power project engineering, including establishing and maintaining project schedules and critical milestones, This senior leader will be a hands-on manager that will have the support of a small team of in-house engineers and outside consultants. The team will manage Limited Notice to Proceed and Full Notice to Proceed EPC contracts for one or more power projects, support engineering needs for the plant licensing process, oversee transmission and interconnection engineering and technical needs, be responsible for maintaining regulatory compliance of projects during the construction phase.

- Develop EPC scope documents for LNTP and FNTP project phases
- Manage EPC contracts – monitor compliance with contract milestones and payment schedules
- Develop and maintain detailed project schedules during the construction phase of projects
- Manage and ensure that all compliance requirements during construction are satisfied, be responsible for all compliance reporting during construction.
- Manage engineering contracts and consultants as-needed; determine the needs and benefits associated with employing an Owners Engineer for projects.
- Manage and take overall responsibility for defining, conducting and certifying power plant performance and acceptance tests.

- Manage engineering required during the early development phase of projects, including project conceptualization, site selection, and screening level analysis of potential projects
- Oversee the Solar Resource Assessment and Characterization Program
- Develop the engineering documents needed to support reporting requirements to Project Company Boards and financial institutions
- Coordinate necessary engineering studies in support of pre-construction (siting, permitting), design, construction, startup, operation and decommissioning of power generating plants

Required Qualifications:

- 8+ years of power project management experience
- Experience in managing large power project EPC contracts
- Experience with power plant performance and acceptance testing
- Ability to be a hands-on working manager
- Experience leading a professional team of internal support staff and outside consultants
- Experience in regulatory compliance for the construction and operation of power plants.
- Experience with project management/scheduling software and tools

Position Details:

This position will be based in our Berkeley, California office, travel and willingness to move to alternate SM locations in the US required. Salary commensurate with experience and training. Solar Millennium is an equal opportunity employer continually seeking to diversify its staff.

To Apply:

Please submit a cover letter, resume and salary requirements to personnel@solarmillennium.com with a subject line of “[Your Name]: Senior Engineering Position” All documents submitted must be pdfs and the file names must follow the following format: [Your Name]_SEP_Resume. Deadline for submission is December 15, 2009. Please include where you heard about the job in your cover letter. No calls please.

Rachel A. Gold
Director, Human Resources and Operations
Legal Counsel
Solar Millennium, LLC
1625 Shattuck Ave, Ste 270
Berkeley, CA 94709-1611
(510) 524-4517 (Office)

(510) 809-4645 (Direct)

(510) 409-0084 (Cell)

(510) 524-5516 (Fax)

gold@solarcentury.com

www.solarcentury.com <<http://www.solarcentury.com>>

20. Senior Industry Analyst- Building Efficiency, Pike Research, Boulder

Pike Research, a market research and advisory firm focused on global clean technology markets, is seeking an experienced industry analyst to cover the Building Efficiency sector with a focus on energy-efficient technologies for commercial and residential buildings.

Responsibilities include authoring research reports and briefs, creating quantitative models and forecasts, interacting with clients and the press, delivering presentations, and leading consulting engagements. This position requires the ability to effectively communicate thought-provoking and original analytical findings to a client base that includes technology companies, service providers, the venture capital and Wall Street investor communities, industry organizations, and government agencies.

Candidates should have strong knowledge and proven expertise in key technology and business aspects of the Building Efficiency industry:

- Green building construction – new buildings and retrofits
- Energy management systems
- Building management systems
- Building automation and control technologies
- Energy efficiency technologies
- Integration of renewable energy in the built environment
- Energy service companies and performance contracting
- Green building certification programs (LEED, Energy Star, etc.)
- Financing structures, government & utility subsidies and incentive programs

Key competencies:

- Established relationships with key players in the Building Efficiency market
- Exceptional writing skills
- Solid quantitative analysis, ability to create forecasts using assumptions gleaned from primary research
- Strong secondary research / information discovery and aggregation skills
- Good interviewing skills
- Excellent presentation skills and executive presence

- Technology market research / industry analysis / financial & equity research experience is strongly preferred
 - Bachelor's degree required, Master's degree strongly preferred
- Geographic location is flexible, but preference will be given to candidates who can work in our Boulder, Colorado headquarters.

Eric Bloom
Pike Research
1320 Pearl Street, Suite 300
Boulder, CO 80302
eric.bloom@pikeresearch.com
(303) 997-9691

21. Director E+Co, Tanzania, Africa

NextBillion brings together the community of business leaders, social entrepreneurs, NGOs, policy makers, and academics who want to explore the connection between development and enterprise.

- ORGANIZATION:E+Co
- POSTED:November 18 2009
- LOCATION:Dar es Salaam, TZ

E+Co is a mission driven investment company that provides services and financing to clean energy entrepreneurs in Africa, Asia and Latin America. E+Co invests in enterprises that realize access to clean and affordable energy, resulting in job creation, economic and social development of rural communities and contributing to sustainable development.

With a presence in Latin America, Asia and Africa, E+Co invests in local enterprises that identify market based energy solutions that are environmentally sustainable and commercially viable. E+Co combines services and capital to support these local energy businesses. E+Co is a globally recognized leader in energy enterprise development - connecting organizations, programs, and human and financial resources worldwide to the small and growing businesses required for a sustainable energy future in developing countries. We monitor our investments via impact reporting, based on social, environmental and financial indicators. E+Co secures investment and operating funding from foundations, financial institutions and individuals, in the form of grants, contracts and borrowing.

At December 2008, E+Co invested in 242 energy enterprises in Africa, Asia and Latin America, mobilizing over \$233 million of capital in addition to the \$32 million it placed directly. In 2008, E+Co, through its Investment Committee, Officers and its subsidiary fund management

company (E+Co Capital), approved 79 new investments totaling \$17.8 million. Between 2009 and 2015, E+Co and its affiliates expect to invest over \$100 million.

As of December 2008, E+Co Africa has invested over \$7.6 million resulting in over 1.6 million people with access to energy services and offsetting over 478,000 tons of CO₂.

E+Co is seeking an experienced professional to lead its Africa operations. The Director, Africa will have overall responsibility for the implementation, performance and growth of E+Co's Africa operations and investments. This will include managing a staff of 8-10 people based in Ghana, South Africa and Tanzania, to develop an investment pipeline leading to new investments and manage the existing portfolio in several countries. This will include ensuring compliance with investment guidelines, overall risk and diversification management and realizing the return objectives. The Director will work with E+Co's Senior Management to develop new markets and additional pipeline and if appropriate, design and establish regional funds in Africa.

The Director, E+Co Africa will report to E+Co's Chief Operating Officer.

Specific duties include:

1. Overall pipeline and portfolio management and administration, including investment selection and structuring, asset management, financial and investor reporting and implementation and supervision of liquidation strategies;
2. Develop and advance an investment pipeline of 'access to energy' and clean energy enterprises and projects;
3. Through management of the E+Co Africa team and direct engagement:
 - Identify, analyze, approve, negotiate, close and monitor investments;
 - Invest USD 10 - 15 million until end of 2011 in 20-30 enterprises;
 - Provide direction and mentoring support to pipeline and portfolio companies in receipt of start-up and growth capital and assistance with securing further investment in partnership with co-lenders and investors;
 - Effective impact monitoring / tracking of investments in accordance with E+Co's triple bottom line approach; effective exit of portfolio investments, realizing returns related to E+Co's objectives; and
 - Active integration of E+Co's activities with other programs undertaken by participants and affiliate organizations.

- Improve operational efficiency of regional offices; recruit, hire and train staff, as needed.
- Collaborate with E+Co's Senior Management to explore further growth of portfolio and funding basis in Africa, e.g. via structuring a regional fund(s); if appropriate, develop and implement a business strategy and fund raising plan.
- Promote E+Co Africa's results at conferences, meetings, events.

Qualifications:

1. More than 10 years experience in small and medium enterprise investing, corporate finance, project finance, credit approval and risk assessment.
2. Demonstrated knowledge of renewable energy, energy efficiency and cleaner production technologies and business models.
3. Proven experience building a viable investment pipeline. etc

Location: This position will be located in Dar es Salaam, Tanzania with international travel within Africa and to Europe and the US regularly.

Please send resumes by November 23, 2009:

Applicants are requested to send a full CV/resume and cover letter by e-mail to Gina Rodolico at ecojobs_Africa@eandco.net

22. Automotive Alliances / EV Battery Intern: Better Place, Palo Alto

Better Place has a unique opportunity for a Automotive Alliances Intern (focused on EV battery). Better Place provides a dynamic, fast paced work environment for an individual looking to be part of a company that has an ambitious plan to have a significant, positive impact on the planet/environment. Better Place will deploy an electric charging grid that will provide an alternative to Gas-consuming automobiles. We plan to grow from country to country, metropolis to metropolis. Each step of the way, we'll move closer to making electric vehicles available to the public. We are looking for Automotive Alliances Interns who will be an integral part of this mission. This position will be based in Palo Alto, but may involve travel as well.

In this role, you will be working on a series of projects that will be part of Better Place's efforts to develop, demonstrate, and commercialize electric vehicle technology. The applicant will investigate different aspects of battery technology including chemical, physical, electrical, environmental and economic analyses. The intern is expected to develop independent points

of view and provide summaries based on thorough academic and industry research.

- Large area format batteries characteristics
- State of the art battery components and processes
- Charging technologies
- Industry Standards
- Recycling of batteries
- Advanced research on batteries from wide scientific perspectives

QUALITIES:

- Self-starter who can pick up any technical project and research it fast
- Willingness to work in an environment that is constantly evolving
- Ability to flourish in a start-up environment and under pressure
- Team player
- Strong quantitative skills
- College graduate student is preferred
- Research experience is required
- Prior battery-related experience is a major PLUS
- Strong verbal and written communication skills are necessary

EDUCATION:

- Last year of BS or Masters degree (preferred) in Engineering (Electrical or Physics) is required
- Should be available to keep working with us during the school year

The student must be available to work on high pace projects

23. Energy-related Summer Internships

I represent the U.S. Department of Energy in the Bay Area, and one of my jobs is to hook Stanford (and other bay area schools--but I am biased) students up with internships/jobs at the DoE. If you are interested in receiving information about internship/job opportunities, just subscribe to this mailing list: https://mailman.stanford.edu/mailman/listinfo/us_dept_of_energy

Happy to answer questions:

Chiara Essig
B.S. Candidate in Atmosphere/Energy
Minor in Architectural Design
Stanford University '12

24. PostDoc: Modeling of Innovative Building Systems, Eindhoven University of Technology, Netherlands

The Eindhoven University of Technology (TU/e) has the following vacancy Postdoc: Modeling of Innovative Building Systems(V38.558)at the unit Building Physics and Systems - Department of Architecture, Building and Planning

The Department offers a BSc in Building Science (Bouwkunde) and MSc programmes in Architecture, Building and Planning, Building Services and Construction Management and Engineering. Education and research in the department focus on the development and use of technology in construction. Research is design and application oriented, based on fundamental scientific insights and methods.

The research will be embedded in the building simulation group of the unit Building Physics & Systems. Research and teaching of this unit aim to create and maintain a sustainable, healthy, comfortable and productive indoor and outdoor environment. The focus lies on physical aspects and processes including heat and mass transfer in constructions, indoor air quality, lighting, acoustics, heating, ventilation and air-conditioning. A holistic and integrated approach is considered essential. The unit has about 30 scientific staff (including 15 PhD researchers) and ample physical laboratory facilities (supported by 7 technicians). The multi-disciplinary staffing of the unit enables the aforementioned approach and makes the unit rather unique.

This postdoc position is connected to ongoing research projects which aim to develop and apply computational building performance simulation tools for design and operation of innovative building systems. Starting from state-of-the-art simulation tools our main research approach is based on iterative rapid software prototyping. Subsequent prototypes will be calibrated and tested on real world prototype applications. Our projects have a potential users' forum that is consulted for general feedback and is involved in terms of utilitarian evaluation.

As postdoc, you will perform the following activities:

- Conduct research employing state of the art building performance simulation research tools.
- Write scientific publications and collaborate with the research team to write research proposals.
- Help guiding master and PhD research projects in related areas.

Requirements

The candidate should possess a relevant PhD degree obtained in 2008 or 2009 in Building Science, Civil or Mechanical Engineering, or equivalent. Experience in building performance simulation and interest in design and operation of buildings and building services is essential.

Details are at <http://vacatures-v2.tue.nl/Vacature.aspx?Vacaturenummer=V38.558&Taal=English>

More information may be obtained from: Prof.dr.ir. Jan Hensen, www.bwk.tue.nl/bwk/hensen <<http://www.bwk.tue.nl/bwk/hensen>>

25. Program manager, Energy Efficiency Standards, LBNL

The Environmental Energy Technologies Division is looking for a seasoned Program Manager for its Energy Analysis Department. The person in this role will schedule and manage Energy Efficiency Standards (EES) project activities for the U.S. Department of Energy (DOE) Appliance Standards Program.

The Program Manager 3 will:

- Work with DOE and its other contractors to schedule and coordinate all analysis and documentation activities for standards rule making.
- Lead efficiency standards projects pertaining to distribution transformers and motors.
- Lead complex project interactions.
- Write Statements of Work for specific appliance standards activities.
- Supervise staff for appliance standards activities, including providing project specific instructions and determining the staff time allocations.

- Manage with project subcontractors.
- Write monthly progress reports for appliance standards activities.
- Determine project requirements, estimate budget requirements, develop proposals when needed, and recommend objectives for the projects.
- Design and express data needs for development of models and work with necessary parties to determine direction of analysis.
- Lead or perform advanced engineering and economic analysis.
- Organize and work with large amounts of data using various types of software (such as simulation tools, spreadsheets, and database programs) to perform analysis.
- Write or oversee the writing of sections of the Technical Support Documents and Federal Register Notices.
- Present conference papers, as necessary.
- Interact with LBNL principal investigators and others within interdisciplinary research teams; and work with collaborators outside LBNL in exchange of technical information, as needed.

Qualifications

- BS (MS degree preferred), or equivalent work experience in a related field, with a minimum of eight years experience working under limited supervision.
- Electrical engineering background.
- Knowledgeable in performing engineering and economic analysis.
- Ability to organize and work with large amounts of data using various types of software (such as simulation tools, spreadsheets, and database programs) to perform analysis.
- Ability to write technical documents.
- Knowledgeable and skilled in all aspects of program/projects planning, budgeting, and scheduling.
- Broad knowledge of the organization's scientific, operational, and technical capabilities, and budget requirements.
- Knowledge of potential customer needs and the ability to assess new research opportunities, based upon customer feedback.
- Demonstrated ability to manage and supervise technical staff.
- Proven ability to orally express complex technical concepts and to clearly write on technical subjects for varied audiences.
- Practical experience in economic analysis is desired.
- Interest in energy and environmental issues is preferred.

<http://jobs.lbl.gov/LBNLCareers/details.asp?jid=23702&p=1>

26. Environmental Specialist: Energy Efficiency, San Francisco Dept of Environment

Salary: Annually \$66,846-\$81,276

Under supervision, the 5640 Environmental Specialist will work to enroll small businesses and multifamily buildings in energy efficiency programs, track and report on progress of projects, and assist in quality control of projects. Work will focus on the SF Energy Watch Partnership program. Duties may include but are not limited to the following:

- Work with staff to target potential businesses and multifamily buildings for program participation, using city and other sources of data.
- Call on customers, schedule, appointments or work with contractor to schedule site visits, conduct or arrange for energy audits, educate customers about energy efficiency, and coordinate follow-up tasks.
- Assist customers in obtaining other services they need to initiate and complete energy efficiency projects. This may include explaining the benefits of the project and available services, providing an energy savings and cost estimate, listening to customer needs, suggesting solutions to their problems.
- Work with other program staff to compile contractor/vendor lists.
- Work with other program staff to enlist other City agencies to assist in program by providing lists, databases, mailing insert opportunities, etc.
- Analyze and track data using computer skills in database and software programs including Excel, Access, and Word and Sales Force CRM.
- Maintain database of activities, customer contacts, and program results.
- Prepare, compile and distribute reports.
- Other duties as assigned.

Department of the Environment, City and County of San Francisco Telephone: (415) 355-3700 • Fax: (415) 554-6393 • 11 Grove Street, San Francisco, CA 94102 Email: Environment@sfgov.org • www.sfenvironment.org GAVIN <<http://www.sfenvironment.org>GAVIN> NEWSOM Mayor
JARED BLUMENFELD Acting Director
Minimum Qualifications:

1. Possession of a baccalaureate degree from an accredited college or university, and three (3) years of professional experience. Two (2) years of this experience must be within the area of

specialty; OR 2. Possession of a baccalaureate degree in public administration, business administration, environmental science or a closely related field from an accredited college, and two (2) years of this experience must be within the area of specialty; AND

3. Possession of a valid Driver's License.

Desirable Qualifications:

- Experience in technical energy audits and energy analysis
- Experience estimating energy savings and convincing businesses and commercial and multi-family building owners to implement energy efficiency projects.
- Fluent in Spanish, Cantonese, Mandarin, or other language widely used in San Francisco
- Familiarity with new energy-saving equipment and technologies.
- Familiarity with San Francisco, and with its business sectors and building types
- Communication, presentation, and sales skills
- Availability to work occasional evenings

Applications for City and County of San Francisco jobs are being accepted through an online process. Visit <http://www.jobaps.com/sf/sup/BulPreview.asp?R1=pex&R2=5640&R3=056008> to begin the application process by registering an account.

Department of the Environment, City and County of San Francisco Telephone: (415) 355-3700 • Fax: (415) 554-6393 • 11 Grove Street, San Francisco, CA 94102 Email: Environment@sfgov.org • www.sfenvironment.org <<http://www.sfenvironment.org>>

27. Energy Consulting Manager, PowerAdvocate, Boston, MA or San Francisco, CA

PowerAdvocate is the premier operational partner for energy companies providing supply market solutions through expert information, technology and services. We deliver supply chain management products and services to utilities and others in the energy industry. We support Fortune 500 energy clients (as well as a growing number of power project developers, equipment suppliers, private equity, and third-party consulting firms) across the entire energy

value chain, including renewable energy, nuclear power, transmission & distribution, environmental retrofits, gas distribution, and fossil generation.

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.

Location: Boston or San Francisco

If you would like to join our team, please apply on-line at www.poweradvocate.com <<http://www.poweradvocate.com>>

28. Business Development Associate: 3Degrees, SF

3Degrees is a national leader in the markets for renewable energy certificate ("REC") and Verified Emissions Reduction ("VER"). 3Degrees recently was recognized by the EPA as the the 2009 Renewable Energy Supplier of the Year. 3Degrees provides renewable energy and carbon reduction solutions for businesses, utilities, and institutions nationwide in support of their efforts to become more sustainable. We are a company of provocative, business-minded, and environmentally committed individuals. 3Degrees' vision is to build global markets that foster more sustainable businesses and communities. The company and its employees are committed

to delivering market expertise and the highest quality and integrity products and services.

The 3Degrees' headquarters office in San Francisco's Presidio is in need of a motivated, confident, and highly organized individual to support 3Degrees in the areas of Business Development and Sales Support. The position, Business Development Associate, will report to the EVP Marketing and Business Development.

This position will work primarily with the Business Development team and secondarily, with the Origination and Trading team. The successful applicant will become the primary person responsible for responding to all in-bound prospective customer inquiries. Additionally, the applicant will continually support the development of proposals for other business development team members, and conduct direct phone outreach to prospective customers. This position will be a good fit for anyone interested in utilizing their skills and interest in sales to become involved in the renewable energy and carbon offset markets within a growing, progressive company.

The ideal candidate is a good communicator with customers, prospects and fellow employees. He/she works well under pressure while being patient and responsive to prospective customer requests. This person should be organized with a strong attention to detail, possess good computer skills and manage their various responsibilities efficiently.

- Respond to in-bound sales inquiries and manage their individual sales process, including conducting all timely follow-up to prospective customers.
- Assist the Business Development teams by developing proposals and other materials that help lead increased business.
- Conduct outbound sales (cold calling) to several industry verticals or geographic territories, as requested by the Business Development team.
- Manage a personal pipeline of sales activities and prospective customers in the company's proprietary database.

EDUCATION & EXPERIENCE

- Bachelor's Degree (Major in Environmental Studies/Policy/Management a plus, but not required.)
- 1-2 years business experience
- Proficiency in Microsoft Word, Excel, & Outlook

If you are interested in this position, please review the 3Degrees website for additional information about the organization at www.3degreesinc.com <<http://www.3degreesinc.com>> .

To apply, please submit a resume and cover letter to "Business Development Associate Hiring

Manager” careers@3degreesinc.com. Please write "Associate, Business Development” in the subject heading, as only applications with this subject heading will be accepted. The position shall remain open until filled. Out of respect for the amount of applicants this position may create, please do not call the office directly to discuss this open position.

29. Faculty Position: Energy Resources Engr. Harvey Mudd College

Applications are invited for a tenure-track faculty position in energy resources engineering. Specifically, the college is seeking faculty with experience and knowledge in generating and utilizing energy in efficient and innovative ways. Applicant must have a Ph.D. in an engineering discipline or a closely related field and a commitment to teaching excellence in a broad, accredited undergraduate curriculum of design, systems, and engineering science. The appointment is intended to be at the assistant professor rank, although all highly qualified candidates will be considered. Teaching duties include teaching throughout the curriculum, supervising industrially sponsored projects in the Engineering Clinic Program, and developing and teaching courses in the applicant’s specialty. The successful applicant will be expected to develop new course offerings in energy resources engineering for 1st and 2nd year students enrolled at the Claremont Colleges.

Submit cover letter, CV, personal statement of teaching philosophy and research interests, and names of three references to Professor Patrick Little, Energy Resources Engineering Search Committee Chair, Department of Engineering, Harvey Mudd College, 301 Platt Blvd., Claremont, CA 91711; hmc-energy-eng@sakai.claremont.edu. The search committee will begin reviewing applications on December 15, 2009. Harvey Mudd College is an equal opportunity employer and is committed to the recruitment of candidates historically underrepresented on college faculties. Demonstrated ability to teach students from diverse backgrounds will be considered among the criteria for appointment.

30. Six More Energy Faculty Positions:

From this month's issue of AcademicKeys' e-Flier for Engineering,

Assistant/Associate Professor -- Energy Systems
Virginia Tech
Bradley Department of Electrical & Computer Engineering
Blacksburg, VA
Date Posted: Sep. 30th, 2009

<http://www.AcademicKeys.com/r?job=21654&o=84483&t=EN091209m>

- Sustainable Infrastructure
University of Washington
Civil and Environmental Engineering
Seattle, WA
Date Posted: Dec. 8th, 2009

<http://www.AcademicKeys.com/r?job=22869&o=84483&t=EN091209m>

- Faculty Position -- Ocean Engr. Energy and Power Sys.
Virginia Polytechnic Institute and State University
Department of Aerospace and Ocean Engineering
Blacksburg, VA
Date Posted: Dec. 3rd, 2009

<http://www.AcademicKeys.com/r?job=22806&o=84483&t=EN091209m>

Asst. Professor -- Sustainable Energy Studies Professorship
Syracuse University
Department of Biomedical and Chemical Engineering
Syracuse, NY
Date Posted: Oct. 14th, 2009

<http://www.AcademicKeys.com/r?job=21921&o=84483&t=EN091209m>

Assistant/Associate Professor -- Illumination/Power Engr.
University of Kansas
Dept. of Civil, Environmental & Architectural Engineering
Lawrence, KS
Date Posted: Oct. 30th, 2009

<http://www.AcademicKeys.com/r?job=22272&o=84483&t=EN091209m>

Tenure-track Faculty Position -- Energy Systems

National University of Singapore
Mechanical Engineering Department
Singapore
Singapore
Date Posted: Oct. 21st, 2009

<http://www.AcademicKeys.com/r?job=22075&o=84483&t=EN091209m>

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energyfolks mailing list
energyfolks@lists.stanford.edu
<https://mailman.stanford.edu/mailman/listinfo/energyfolks>