

From: Gil Masters (gmasters@stanford.edu)
To: energyfolks@lists.stanford.edu
Date: Thursday, March 27, 2008 4:20:02 PM
Subject: C tax, CIGs, CSP, GrandPlan, PHEVs, Social, lotsajobs

whew...spring break is a good time to catch up... so here's an overdue energyfolks blurb.. g.

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JOBS JOBS JOBS Lotsa

As you can see, there's a flood of energy/climate jobs coming in. If you have a job that you'd like me to post, it would help me a lot if you could send me a short paragraph ready to paste into the energyfolks list rather than sending me attachments. Thanks... gil

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31. The Middle East Centre for Sustainable Development: Building Simulation
32. Jobs at Fat Spaniel: Information Services for Renewable Energy
33. Energy Engineer:/ Bldg System Analyst GreenShape LLC
34. LEED Coordinator
35. Mechanical Engineers at ARUP
36. TerraPass Greenhouse Gas Emission Reduction Associate (San Francisco, CA)
37. Ecos: Efficiency and Renewables
38. Kalpakrit Sustainable Environments Pvt. Ltd. in New Delhi.

NEWSY STUFF..

1. British Columbia introduces carbon tax

By Jonathan Fowlie and Fiona Anderson, Vancouver Sun
Published: Tuesday, February 19, 2008

VICTORIA --

The carbon tax will apply to virtually all fossil fuels, including gasoline, diesel, natural gas, coal, propane, and home heating fuel.

The new carbon tax will begin July 1, starting at a rate that will have drivers paying about an extra 2.4 cents per litre of gasoline at the pumps. If you drive a Prius hybrid, the government estimates the new tax will cost you about \$20 extra per year. If you have a Dodge Ram pickup truck, that number will be closer to \$68 it says.

The tax will then increase each year after that until 2012, reaching a final price of about 7.2 cents per litre at the pumps. After that, Taylor said, it will rest with the government of the day to decide if the tax rate should change any further.

Corporate and personal income tax rates will drop to help make the tax revenue neutral, and lower-income British Columbians will receive an annual climate action credit of \$100 per adult and \$30 per child. Overall, the government estimates the carbon tax will bring in revenues of about \$1.85 billion over the first three years -- all of which it says will be returned to businesses and individuals. Estimates suggest businesses will pay two thirds of the carbon tax, and will receive only one third of the refunds. By contrast, individuals are expected to pay one third, while receiving two thirds of the credits.

<http://www.theglobeandmail.com/servlet/Page/document/v5/content/subs>

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2. Record 19.9%-efficient CIGS (laboratory) Thin-Film Solar Cell

Monday, March 24, 2008

Researchers at the U.S. Department of Energy's National Renewable Energy Laboratory have moved closer to creating a thin-film solar cell that can compete with the efficiency of the more common silicon-based solar cell.

The copper indium gallium diselenide (CIGS) thin-film solar cell recently reached 19.9 percent efficiency, setting a new world record for this type of cell. Multicrystalline silicon-based solar cells have shown efficiencies as high as 20.3 percent. The energy conversion efficiency of a solar cell is the percentage of sunlight converted by the cell into electricity.

"This is an important milestone," said NREL Senior Scientist Miguel Contreras. "The thin film people have always looked for matching silicon in performance, and we are reaching that goal."

CIGS cells use extremely thin layers of semiconductor material applied to a low-cost backing such as glass, flexible metallic foils, high-temperature polymers or stainless steel sheets. Thin-film cells require less energy to make and can be fabricated by a variety of processes. Because of this, they provide a promising path for providing more affordable solar cells for residential and other uses. The CIGS cells are of interest for space applications and the portable electronics market because of their light weight. They are also suitable in special architectural uses, such as photovoltaic roof shingles, windows, siding and others.

Members of the record-setting team at the National Center for Photovoltaics include Contreras, Ingrid Repins, Brian Egaas, John Scharf, Clay DeHart and Raghu Bhattacharya.

3. FPL to Build 250 MW Concentrating Solar Trough System in Mojave Desert

Mar 26, 2008 -- BUSINESS WIRE

FPL Energy has filed an Application for Certification with the California Energy Commission (CEC) to construct, own and operate a 250-megawatt solar plant in the Mojave Desert to be called the Beacon Solar Energy Project.

The proposed Beacon Solar Energy Project will be located on an approximately 2,000 acre site in eastern Kern County, California. The more than 500,000 parabolic mirrors will be assembled in rows to receive and concentrate the solar energy to produce steam for powering a steam turbine generator. FPL Energy expects to begin construction on the project late in 2009 and take approximately two years to complete.

FPL Energy has set a goal of adding at least 600 megawatts of new solar by 2015. Additional information is available at www.FPLEnergy.com.

4. A Solar Grand Plan in Scientific American, Jan

By 2050 solar power could end U.S. dependence on foreign oil and slash greenhouse gas emissions
By Ken Zweibel, James Mason and Vasilis Fthenakis

(A bit heavy on large-scale PV and light on wind, but interesting.... gm)

<http://www.sciam.com/article.cfm?id=a-solar-grand-plan&page=1>

Solar energy's potential is off the chart. The energy in sunlight striking the earth for 40 minutes is equivalent to global energy consumption for a year. The U.S. is lucky to be endowed with a vast resource; at least 250,000 square miles of land in the Southwest alone are suitable for constructing solar power plants, and that land receives more than 4,500 quadrillion British thermal units (Btu) of solar radiation a year. Converting only 2.5 percent of that radiation into electricity would match the nation's total energy consumption in 2006. To do so would require:

- A massive switch from coal, oil, natural gas and nuclear power plants to solar power plants could supply 69 percent of the U.S.'s electricity and 35 percent of its total energy by 2050.
- A vast area of photovoltaic cells would have to be erected in the Southwest. Excess daytime energy would be stored as compressed air in underground caverns to be tapped during nighttime hours.
- Large solar concentrator power plants would be built as well.
- A new direct-current power transmission backbone would deliver solar electricity across the country.

But \$420 billion in subsidies from 2011 to 2050 would be required to fund the infrastructure and make it cost-competitive.

5. CalCars Comparison of Series and Parallel PHEV Designs

Detailed and informative description of the pros and cons of the two plug-in hybrid approaches by CalCars' Ron Greenban. at

<http://www.greencarcongress.com/2008/03/calcars-weighs.html>

Some excerpts : Since a gallon of gasoline holds about 33 kWh of heat energy and the most efficient hybrid drivetrains approach 30% efficiency, 10 kWh of usable battery capacity can potentially displace a gallon of gasoline after each (often <\$1.00) grid charge, or up to 365 gallons/year when the vehicle is charged every night and driven to the end of depletion

mode every day. However, a PHEV whose battery is regularly not fully depleted between charges is leaving money on the table (the battery could have been smaller and less expensive), and a PHEV that is regularly driven significantly beyond charge depletion mode into charge sustaining mode could potentially gain from having a larger battery.

Including some comments from Prof. Andy Frank (UCDavis)

There is no doubt that it will be completely dominated by the cost of oil. Remember that the cost of oil doubled in the last five years and it will double again in less than five years and double again(in a short period of time) an SUV 30 gallon tank will cost \$600! This costs will make all this nit-picking costs argument seem insignificant! ..the main reason for the PHEV is ..to displace fossil fuel with electricity that can be generated from a plethora of sources including renewables at a very high efficiency with low to zero emissions!

6. Oil Exporting Countries ..exporting less?

"It now appears that exports, in nations with surplus oil to sell, are going down at an even steeper rate than production declines. A country like Saudi Arabia may have produced X percent less oil in 2007 than in 2006, but their exports actually declined X+5 percent. Why? They're using more of their own oil. The population is growing robustly. The Saudis are building the world's largest aluminum smelter and many chemical factories. Russia, another big exporter, saw its foreign-car sales jump by 63 percent in 2007. Mexico is depleting so rapidly, and using so much more of its own oil, that it might be out of the export game altogether in three years. The new oil nationalism is prompting countries like Norway and Russia to husband more of their own resources as the awareness hits that they are past peak and might want to keep their own motors humming further into the future."

...Howard Kuntsler <http://www.metropolismag.com/cda/story.php?artid=3231>

7. EPA Greenhouse Gas Equivalencies Calculator

With the U.S. EPA's new Greenhouse Gas Equivalencies Calculator you can convert "gallons of gasoline consumed," "kilowatt-hours of electricity," "therms of natural gas" or "passenger vehicles per year" to metric tons of CO₂. From there, convert metric tons of CO₂ to barrels of oil consumed, and a dozen other activities.

<http://www.epa.gov/cleanenergy/energy-resources/calculator.html>

BAY AREA/ STANFORD STUFF:

8. Congressman Jay Inslee (WA) on Clean Energy at Keplers Thurs 3/27, 7:30 pm

The Clean Energy Economy and Global Warming are hot topics in Silicon Valley these days! Jay Inslee's new book, *Apollo's Fire: Igniting America's Clean Energy Economy* is a superb primer on these subjects. Inslee serves on the Energy Subcommittee of the House Energy and Commerce Committee, and is a champion in Congress for progressive energy policy.

Kepler's Books, 1010 El Camino Real, www.keplers.com

9. The next Spring 2008 Energy Social, Wednesday, April 9, 2008.

New Location!!

Please join us after the Energy Seminar at Stanford for some refreshments, and a little visiting with students, faculty, and locals from the community who share a common interest in energy.

Where: Y2E2 Red Area "Social Entrance"

When: Wednesday, April 9, 2008

Time: 5:30p-7:30p

PLEASE NOTE NEW LOCATION!

If you plan on attending, please RSVP to judith@maproyalty.com.

10. GCEP Carbon Management in Manufacturing Industries Workshop: April 15-16

Please forward to your email list(s) and/or post on your website. We appreciate your help! The Global Climate and Energy Project (GCEP) at Stanford University is organizing a two-day workshop on "Carbon Management in Manufacturing Industries" that will be held at the Frances C. Arrillaga Alumni Center on the Stanford campus on April 15 - 16, 2008. This event is part of GCEP's assessment of energy technologies that might significantly reduce CO2 emissions.

According to predictions from Lawrence Livermore National Lab, the manufacturing industries will account for approximately 1/3 of total energy demand in 2025. It is anticipated that much of that demand will be met by the direct use of fossil fuels. The cement, metals and refining industries are the largest industrial contributors to energy consumption and greenhouse gas emissions. Chemicals, mining, food processing and forest products are significant as well.

At this workshop, technical experts in these industries will share their recent research. Talks will address technology advancements required to meet emissions reduction targets in areas such as Carbon Capture, Advanced Combustion, Advanced Materials and Renewable Energy. The objective of the workshop is to identify innovative, high-risk research opportunities in technologies specific to the manufacturing sector that could significantly limit the amount of CO2 released to the atmosphere.

The workshop is free and open to the Stanford community and other researchers and energy professionals, but registration is required by Friday, April 4, 2008. Seating is limited to approximately 100 participants, so register soon at:

<http://gcep.stanford.edu/carbon/>

For any questions regarding this event, please email gtegama@stanford.edu or call (650) 724-6740.

11. Atherton Earth Day House Tour, April 21, 2008

The Town of Atherton invites contractors, architects, residents to see the energy and water savings features in a quite amazing "Greenerhouse" home remodeling project underway in Atherton.

Contractors and Architects 2:30-5:30
General Public 5 - 8 pm

<http://www.greenerhouse.info/earthdayeve2008>
April 21, 2008

12. Energy Advising Office Hours with Cody

Cody Taylor (Earth Systems '04, Engineering '05) will be holding Energy Advising office hours for anyone who wants to discuss energy classes, majors, research, internships, jobs, etc. Cody works in Energy & Climate Consulting in the bay area and has provided Energy Advising to Stanford students for several years. Current office hours will be Thursday, 3/3 and Thursday 3/10 from 10am-4pm in Y2E2 room 393. To make an appointment, contact Cody codytaylor@stanford.edu or drop in.

13. New Course: "Brainstorming India"

is a student-initiated course on social entrepreneurship in the developing world, with a focus on India. This is a 1-unit class where students will be brainstorming and prototyping solutions for real-world problems with clients working in the areas of energy, water and sanitation, education, microfinance, etc. in India.

Some of our clients are Aquaya, Kiva, Sristi, Ecross, etc.

Entry to the class is application-based.

Thanks!
Poorvi
<http://brainstorm.stanford.edu>

14. New Course: Business and Environmental Issues

MS&E 474

Take this great 2-unit, pass-fail, spring quarter seminar, M 5:15-6:45pm!

The seminar provides concrete case studies of environmental entrepreneurship from fields including clean tech, energy, water and climate.

Hear from high-level speakers from Earthbound Farms, The Nature Conservancy, Stonyfield Farms, Chevron, WaterHealth International, Clif Bar, and Mohr Davidow Ventures.

Requirements: attendance, participation, and 2-3 short group essays

Added bonus: Best CAs ever! (Including yours truly and the amazing Emma Wendt!)

JOBS JOBS JOBS JOBS

15. Summer Internships Breakthrough Institute, Oakland

Hi All -- We are still looking for a few more of the best and brightest thinkers and advocates to become Breakthrough Summer Fellows. It pays \$3,000 for the summer (\$300/week for 10 - 12 weeks) and will involve intensive research and writing and skills building. Last summer our two interns co-authored "Fast, Clean, and Cheap," (<http://thebreakthrough.org/blog/Fast%20Clean%20Cheap.pdf>) which was just published in the Harvard Law and Policy Review. If any of you are interested, please email me asap. And if you know someone, have them [email me](#). We have only a few slots left! Thanks,

Michael Shellenberger, President, Breakthrough Institute
michael@thebreakthrough.org
436 14th Street, Suite 820 :: Oakland, CA 94612
+1-510-844-0010 x352 fax +1-510-288-1325 cell + 1-415-309-4200

<http://www.thebreakthrough.org/>

16. Graduate Student Internship Program, E3

The summer internship program at E3 provides top graduate students an opportunity to work on emerging topics with industry experts. Successful applicants are expected to select a topic related to E3's current projects and develop a stand-alone, publishable research product over the course of the summer. Interns will also contribute to active consulting engagements. The internship program has three goals:

1. Provide students the opportunity to work on their selected topic in a professional consulting atmosphere where their research can be put into immediate practice;
2. Provide students an opportunity to develop a research 'deliverable' that they can use as the basis of future research, publications, and applications;
3. Provide E3 an opportunity to work with top students who may be interested in consulting careers after graduation.

Intern Stipend, Location and Logistics

A stipend for graduate student interns of \$3,000 per month is available for successful applicants. Applicants will not become an employee of E3. E3 is located at 101 Montgomery Street in downtown San Francisco, easily accessible by BART and Muni. Interns are expected to work regular business hours at the E3 office.

Application Process and Due Date

To apply, please review the list of E3 projects listed on the graduate student intern flier (at: <http://www.ethree.com/documents/2008%20E3%20Internship%20Program.pdf>) and write no more than a page describing the project that you would like to spend the summer working on. Then email the description along with your resume, a single faculty reference (name, phone, and email), and an unofficial transcript to recruiting@ethree.com by April 11, 2008. Depending on the applications received, we may have telephone or face to face interviews as schedules and logistics permit. We expect to make a decision by April 25, 2008 and will select one or two applicants.

17. Salesperson for Tesla Motors

"Entry level salaried salesperson for the Tesla Store in Los Angeles, CA. College degree and 3-5 years experience in a professional work environment. Dealership experience not required. Please contact Sandra Giha Sgiha@teslamotors.com "

18. Econergy: Boulder, Washington DC

Associate Engineer, Staff Engineer
Competitive compensation package & benefits

Econergy International, a leading global clean energy and carbon management company, is seeking

entry-level and mid-level engineers for its carbon consulting practice. These positions will be based in Boulder, Colorado USA or Washington, DC USA. Strong language skills in Spanish or Portuguese are highly valued, but not required. Please send a resume to evans@econergy.com.

Associate Engineer, Carbon Practice: Attractive candidates have a BS degree and 1 - 5 years of professional practice or an MS degree and 0 - 4 years of professional practice. Preferred disciplines include chemical engineering and mechanical engineering, but any energy-focused technical degree of comparable rigor is acceptable. Specific carbon management experience is preferred but not required.

Responsibilities will include developing greenhouse gas emissions inventories for corporations and governments, identifying prospective opportunities for achieving emissions reductions, quantifying emissions reductions achievable through implementing specific emissions mitigation projects, and designing carbon emissions management plans and strategies.

Staff Engineer, Carbon Practice: Attractive candidates have a BS degree and 6 - 8 years of professional practice or an MS degree and 5 - 7 years of professional practice. Preferred disciplines are the same as for the Associate Engineer position. Specific carbon management experience is required.

Responsibilities will include those described for the Associate Engineer position, plus a limited project management role.

19. Electric Power Research Institute, Palo Alto

EPRI has a bunch of open positions in the areas of generation, environment, power delivery, nuclear, as well several part-time and summer student positions. The current list is here: <http://tbe.taleo.net/NA5/ats/careers/searchResults.jsp?org=EPRI&cws=2>. [Interested applicants can apply online, or they can contact me for more information.](#)

Thanks!

Andree Houle
ahoule@epri.com

20. Energy Policy Research Analysts

Outcome-oriented analyst needed to conduct energy policy research for non-profit coalition. Position will focus on energy issues in Florida and may include some work in other southeastern states. Analyst will primarily study and recommend strategies to achieve significant increase in energy efficiency, but may also engage on renewable energy, and other strategies to reduce global warming pollution from the energy sector. Solid writing, public speaking, analytic and computer skills are necessary; experience with state agencies, decision-makers, media, and non-profit advocacy desired, Florida-specific experience a bonus. Advanced degree strongly preferred but willing to consider strong candidates with

a bachelors degree only. Competitive non-profit salary w/ option of full benefits. Email jobs@cleanenergy.org to apply (no calls please).

Energy Policy Research Associate

The Southern Alliance for Clean Energy and its partners in a coalition of Florida non-profit organizations seek an outcome-oriented analyst to conduct energy policy research. The analyst will primarily be responsible for studying and recommending strategies to achieve a significant increase in energy efficiency at the state level, but may also engage on renewable energy, and other strategies to reduce global warming pollution from the energy sector.

The full-time position is expected to be based in Tallahassee, FL, reporting to a technical team of energy experts from several non-profits.

Strong candidates who do not wish to relocate to Tallahassee may be considered, but should explain geographic constraints in the application. Funding for this position is guaranteed for one year with possibility of extension.

The Energy Policy Research Associate will be responsible for conducting independent projects, assisting a core research team with projects, and coordinating work by consultants and colleagues from other allied organizations to achieve the overall goals of the position. Attendance at committee, commission, work group and other public involvement opportunities will be an essential part of the position. These opportunities will involve dialogue with individuals and organizations that are opposed to some or all of our positions, and the analyst will be expected to present a compelling case to support our position while developing an understanding of differing perspectives so that they may be persuaded to adopt a more helpful position on the issues.

Qualifications

- * Education: Bachelor's degree required, advanced degree in a relevant field of study is desirable
- * Demonstrated skills in a professional setting must include writing, public speaking, analysis and a wide range of computer software. These skills need not be demonstrated in an area of energy policy, but must be adequate to allow the analyst to perform duties without further training or daily support in these areas.
- * Familiarity with and a record of advocacy work on clean air, global warming or energy policy issues is helpful.
- * Experience working with government agencies, decision-makers, or advocates is helpful.
- * Ability to work and thrive in adversarial conditions.
- * Ability to work well under pressure and with rapidly changing and emerging issues and priorities.
- * Ability to work both independently and in collaborative environments.
- * Willingness to travel throughout the region.
- * A commitment to the mission and goals of the energy coalition.

To apply, email a resume and a cover letter describing your qualifications and experience to: jobs@cleanenergy.org Attention: Energy Policy Research Associate.

21. Energy and Environmental Policy Associate, Silicon Valley Leadership Group

Deadline for applications is March 31, 2008.

The Silicon Valley Leadership Group is seeking an Energy and Environmental Policy Associate to focus on organizational priorities in these subject areas through policy advocacy and program implementation.

Roles and Responsibilities include:

Environmental and Energy Policy Committee support: Staff monthly meetings and working groups, including meeting planning, logistics, and procuring guest speakers. Be responsive to Committee member concerns and assist in member outreach and engagement. Track our internal decision-making process and follow up on action items.

Legislative and Regulatory Issues: For select priority areas, monitor and report on key issues, milestones, and collect input. Write issue briefs for member consideration, using internet-based research, policy reports, and contacting experts. Prepare materials and talking points for use in advocacy. Policy areas include competitive energy markets, energy efficiency and renewable energy, chemicals and waste materials, water reliability, and climate change.

Projects and programs: Management of multi-million dollar energy efficiency program, including contractor and client relationships, program marketing and reporting, invoicing, and program strategy. Support multiple on-going projects by promoting participation, communicating progress, and adapting strategy. Projects include our Clean & Green Energy Action Plan, as well as partnerships with other organizations such as Sustainable Silicon Valley.

Events: Support and occasionally spearhead event planning efforts, including coordination with partners, logistics, speaker management, marketing, and promotion. Past events include annual Energy Summit and workshops on water efficiency, climate change policy, solar power, demand response, and carbon offsets.

General:

- Represent the Leadership Group to media, regulators, policymakers, and community leaders through speeches, testimony, stakeholder groups, presentations, and events.
- Manage and mentor volunteer interns, including recruitment, training, and mentoring.

Skills:

- Have excellent interpersonal, diplomatic, verbal and written communication skills
- Be a self-starter, able to work independently and with a multi-disciplinary team
- Manage time well with competing priorities. Professional and results-focused.
- Quickly develop a rapport with member constituents and partner organizations
- Thrive in creative, dynamic, and challenging environment
- Have some familiarity with the California legislative and regulatory process

Qualifications:

We will be hiring for 0-3+ years of experience. Job title and competitive salary will be commensurate with experience and training. We will consider a range of experience and academic degrees (undergraduate degree is a minimum). Preferred academic disciplines or experience include public policy, political science, engineering, economics, energy, and environmental science. Applicants

should have a strong interest in public policy.

About our team: We are a dynamic, passionate team where everyone pitches in and supports organizational priorities and events. This will include staffing high-profile events, participation in advocacy trips with city, county, and state leaders, and participation in various organization-sponsored gatherings. This may include some early morning and evening engagements. Our offices are based in San Jose within walking distance of the airport, Guadalupe River Trail, and public transit.

Excellent benefits include health, vision, dental, 401(k), transit pass, and subsidized fitness center. To apply, please submit a cover letter, resume, and three references to aballard@svlg.net with "[Energy and Environmental Policy Associate](#)" in the subject.

Deadline for applications is March 31, 2008. This description is also available online at <http://svlg.net/about/careers.php>.

About the Leadership Group:

Founded in 1978 by David Packard of Hewlett-Packard, the Leadership Group represents 250 of Silicon Valley's most respected employers on issues, programs and campaigns that address major public policy issues affecting the economic health and quality of life in Silicon Valley. We advocate for adequate affordable housing, comprehensive regional transportation, reliable cost-effective energy, a quality K-12 and higher education system and prepared workforce, a sustainable environment, and business and tax policies that keep California and Silicon Valley competitive. Leadership Group members collectively provide nearly 250,000 local jobs, or one of every four private sector jobs in Silicon Valley. The Leadership Group is nonprofit, nonpartisan, and a Santa Clara County Certified Green Business. We have a staff of 19 employees along with interns and volunteer executives. For more information, visit www.svlg.net.

22. Associate - PV Project Development Group

Description:

OptiSolar's Project Development Group is seeking an Associate to support project development activities, including:

- Supporting PV project site identification, land acquisition, real estate development & environmental permitting, pre-construction design and other development activities;
- Supporting project-specific marketing and public outreach activities
- Conducting research into topics including domestic and international markets for PV, policy support mechanisms for solar PV, biological and land use issues and other topics.

Qualifications and Requirements:

- Minimum 4 years work experience OR combined work experience and graduate studies.
- Excellent writing, Excel, PowerPoint and project scheduling skills.
- Strong organizational skills and attention to detail.
- Work or academic experience in the energy industry preferred.
- Strong communication and interpersonal skills.
- Demonstrated willingness/ability to coordinate and follow-up on projects/tasks.

Please submit along with your resume and cover letter: Writing samples should be provided.

Education:

Minimum Bachelor's degree required, Master's preferred. A degree in a science or energy-related field will be given preference.

We provide a comprehensive benefits package including 15 days PTO, 10 days Paid holiday, medical, dental, vision, 401(k) and competitive salary. At OptiSolar we operate in a casual teamwork environment. If your experience and skills meet or exceed our requirements please e-mail your resume in Word format to mpeloquin@optisolar.com or fax to (510) 401-5701. Please include job code in the subject line. [AB-2008](#)

23. City of Palo Alto Utilities Resource Management Group

If you know of any folks who would like to work in public service for a utility, please direct them to apply for one of the three open positions in the City of Palo Alto Utilities Resource Management group. I'm looking for a Senior Resource Planner (to replace Karl Knapp) and two Resource Planners. You can see the postings at www.calopps.org.

Thanks,

Jane O. Ratchye
Assistant Director, Resource Management
City of Palo Alto Utilities
250 Hamilton Avenue
Palo Alto, CA 94301
(650) 329-2119 (v)
(650) 326-1507 (f)

24. Pew Center Economist

There are several jobs available at the Pew Center, including one for a Ph.D. Economist (senior research fellow, economics), and one that could be based in California (regional policy coordinator). See: http://www.pewclimate.org/about/career_opportunities_for_current_postings.

25. Multiple employment opportunities at NREL

NREL is hiring! Over the last 6 months, nearly 180 positions have been filled. This hiring rate is projected to continue for the foreseeable future. Ultimate objectives are to double the workforce, meaning hundreds of new positions in the next few years. Currently, there are 49 technical positions in various stages of the hiring process. Academic and experience qualifications vary by position. Check out all of the current positions at www.nrel.gov/employment/job_postings.html.

At NREL you'll get to work at the forefront of the renewables field. Specific technologies within the NREL sphere include solar PV and thermal, wind, bioenergy, advanced vehicles, hydrogen and fuel cells, electric infrastructure, geothermal and energy efficiency. Technical positions include basic science, analysis and deployment. Because the whole renewables industry is hot, NREL has strengthened their offer packages to remain competitive. Benefits are briefly described here: <http://www.nrel.gov/employment/benefits.html>. Plus, you'd get to live in beautiful Colorado!

NREL is hiring. If you could include the following in your next energyfolks email, I'd appreciate it:

NREL is in full scale hiring mode. Positions are open across all research centers. Please check http://www.nrel.gov/employment/job_postings.html and contact Stanford alum Robb Barnitt (robb_barnitt@nrel.gov) for a referral BEFORE you submit an application.

<http://www.nrel.gov/vehiclesandfuels>

26. Research Intern, Greenhouse Gas Protocol WRI Climate and Energy Program

World Resources Institute

Employment period: The position is available as soon as possible. End Date: 6 months, with possibility of extension. The position is full-time (37.5 hours/week).

Position summary

The Greenhouse Gas Protocol at the World Resources Institute is looking for a highly motivated person to help in the development of new guidelines for supply chain and lifecycle greenhouse gas accounting. The Research Intern will work closely with the GHG Protocol team in the development and implementation of these guidelines. Additional tasks may include assisting in the development of a corporate balance sheet for greenhouse gases and guidelines on green power accounting.

The GHG Protocol (www.ghgprotocol.org) is the most widely used international accounting tool for government and business leaders to understand, quantify, and manage greenhouse gas emissions. The GHG Protocol, a decade-long partnership between the World Resources Institute and the World Business Council for Sustainable Development, is working with businesses, governments, and environmental groups around the world to build a new generation of credible and effective programs for tackling climate change.

Qualifications

... Preferably 2-3 years of professional work experience related to climate change, energy, and/or lifecycle assessment.

... Masters degree preferred in policy, business, economics, science, engineering, or related field. A Masters degree may substitute for 2 years of professional work experience.

... Experience in lifecycle assessment and/or corporate supply chains

... Knowledge and strong interest in greenhouse gas accounting and the GHG Protocol Corporate Accounting and Reporting Standard

Salary and benefits

\$15-\$18/hour depending on experience and qualifications

WRI only accepts resumes for current vacancies.
Qualified applicants only.
Candidates please send cover letter and curriculum vitae/resume to:
World Resources Institute
Attn: David Rich
10 G Street, NE (Suite 800)
Washington, DC 20002
fax: 202-729-7610
email: drich@wri.org
Please, no phone calls.

27. The Energy Foundation, San Francisco Office 2 Positions

China Sustainable Energy Program

The Energy Foundation is a private grant-making foundation based in San Francisco with a mission to assist in the transition to a sustainable energy future in the U.S. and China by promoting energy efficiency and renewable energy. The Foundation's San Francisco office has a staff of twenty-five, and the Beijing office has a staff of eighteen.

We seek a responsible, energetic, and highly professional individual who believes in the mission of the Foundation for the position of Program Associate. This person will report directly to the Director of the China Sustainable Energy Program (CSEP) and to the China Program Manager, who oversee the operations of the Beijing office. Native English required, with both spoken and written Mandarin and experience in China a plus.

PROGRAM ASSOCIATE

We seek a responsible, energetic, and highly professional individual with a background in environmental or energy studies and a strong interest in the clean energy mission of the Foundation. This person will work closely with a Program Officer and other Program Associate staff to support the administrative functions of the Foundation and be the front-line contact handling inquiries from grant-seekers and grantees.

Start Date: Immediate.

Please send cover letter explaining your interest in the mission and resume immediately to: Craig Appel, Director of Partner Relations, The Energy Foundation, 1012 Torney Ave. #1, San Francisco, CA 94129. FAX 415-561-6709 EMAIL: craig@ef.org NO PHONE CALLS PLEASE.

Please send a resume, cover letter, and writing sample immediately to:

Program Associate Job Search
The Energy Foundation
1012 Torney Avenue #1
San Francisco, CA 94129
Fax: 415-561-6709
Email: china@ef.org

28. Green building: Rumsey Engineers

Are you doing your best for the planet in your current job? If you've got passion, wisdom, expertise, and the willingness to constantly learn about and design highly resource-efficient buildings, we'd like you to be part of our team.

We're a steadily growing mechanical design firm with LEED Platinum, zero-carbon, award winning projects, working with the greenest local and national architects and clients. Our team is dedicated to creativity and innovation in resource-efficient design. We're located in the epicenter for Green Design, the San Francisco Bay Area, with its healthy lifestyle and access to world-class cultural institutions, as well as the redwoods, beaches, the Sierra, and the rich diversity of ecosystems that Northern California has to offer. We offer highly competitive compensation and a relaxed, high-performance office environment that fosters collaboration and design excellence. We're an equal opportunity employer and encourage diversity in our office.

To contact us about this position, please submit a brief cover letter and one page resume to jbacchus@rumseyengineers.com. No phone calls please.

Energy Modeler qualifications:

Required

- 2+ years of experience with building simulation tools.
- Strong knowledge of DOE-2 based programs: eQuest, VisualDOE, EnergyPro
- Strong knowledge of TRANE TRACE
- Excellent abilities with MS Excel
- Creative thinker with effective communication and teamwork skills
- BS degree in Mechanical Engineering, Building Sciences or Architecture
- Environmentally minded with an understanding of energy and climate change issues
-

Desired

- Experience with CFD or daylight modeling
- Experience with HVAC systems and/or HVAC controls
- Experience with CA Title 24
- Familiarity with Visual Basic
- Familiarity with EnergyPlus

- Experience with other programming languages
- Familiarity with USGBC LEED Rating Systems
- Experience with LEED certified projects
- LEED AP
-

Jamy Bacchus, P.E., LEED AP

RUMSEY ENGINEERS
 99 Linden Street
 Oakland CA 94607
jbacchus@rumseyengineers.com
www.rumseyengineers.com

29. NRDC China & NY Job Announcements

China Residential Energy Efficiency Analyst/Advocate
 Beijing Office

Categories: Economist, Scientist, Engineer, Policy Analyst or Attorney

The Natural Resources Defense Council, Inc. (NRDC) is an international environmental non-profit corporation with more than 1.2 million members and online activists. We are headquartered in New York, and have offices in Beijing, Washington, D.C., San Francisco, and Los Angeles. Our staff of over 370 includes attorneys, scientists, policy analysts and educators working to protect the environment and public health through advocacy and education. NRDC has worked in China with government agencies, research institutes and civil society organizations to protect the environment for over 10 years.

For further information about NRDC, please visit www.nrdc.org

Position Description:

The NRDC China Program focuses on curbing global warming by promoting a sustainable energy system in China with clean, efficient and cost-effective energy solutions. The China residential energy efficiency analyst/advocate would be an integral part of the China team promoting effective energy policies, strategies and technologies to reduce the emissions of greenhouse gas and health-related air pollutants resulting from China's residential sector, in a manner that provides other economic and environmental benefits in China and in the world.

NRDC is working both in the US and internationally to develop harmonized test methods and performance specifications for voluntary and mandatory standards for key consumer electronics categories. The goal of this work is to reduce the overall energy use of these products by: a) increasing the energy efficiency of the product when in use; and b) ensuring the product enters a low power mode when not in use and has low standby mode power use. This work is critical as consumer electronics is

the fastest growing source of energy use in the home and now represents 15% or more of US household electricity use.

The analyst/advocate will work with our partners in China and Chinese policy makers to help develop and strengthen China's electronic equipment standards in order to move towards full harmonization of test methods and performance specifications for voluntary and mandatory standards. While this position will focus primarily on mandatory electronic equipment standards, these must be developed in a policy context that includes other mechanisms such as financial incentives, labels, recognition programs, etc. The analyst will therefore work with the other members of the NRDC China team in these areas as well.

China Demand-Side Management / Energy Efficiency Analyst/Advocate Beijing Office

Position Description:

The NRDC China Program focuses on curbing global warming by promoting a sustainable energy system in China with clean, efficient and cost-effective energy solutions. The Demand-Side Management (DSM) / Energy Efficiency analyst/advocate would be an integral part of the China team promoting effective energy policies, strategies and technologies to reduce the emissions of greenhouse gas and health-related air pollutants that are emitted as a result of the building and industrial sectors, in a manner that provides other economic and environmental benefits in China and in the world. The analyst/advocate will work with our partners in China to identify opportunities for greater energy efficiency, develop policies and strategies enabling energy efficiency to reach its full potential, and build a strong capacity for China to support effective energy efficiency implementation and verification.

The analyst/advocate will mobilize the China-US Energy Efficiency Alliance to help China recreate on a much larger scale the California model for using demand-side management (DSM) financial incentives and analytical support to catalyze more stringent building and equipment standards. These incentives, coupled with improved enforcement of current standards, could avoid the need for 530-730 coal-fired power plants over the next decade, reducing carbon dioxide emissions by up to 11 billion metric tons, sulfur dioxide emissions by up to 150 million metric tons, and nitrogen oxide emissions by up to five million metric tons.

Utility Regulatory Economist Location flexible

Position Summary:

NRDC is seeking an economist to help us advocate for better utility regulation that encourages energy efficiency, especially in the Southeast. Electric and natural gas utilities are generally regulated in a way that links their profits to sales. NRDC advocates for decoupling profits, establishing energy efficiency procurement targets for utilities, as well as performance incentives to encourage utilities to support energy efficiency programs, in addition to other policies such as net metering and appliance and building efficiency standards to promote energy efficiency and clean distributed generation. This full-time position would ideally be based in New York City, but for the right candidate our DC office would also be an option.

NRDC's top institutional priority is rapidly reducing global warming pollution from the built environment, and scaling up energy efficiency and clean distributed generation are critical tools to achieve this goal. Energy utilities play a critical role in shaping both our energy infrastructure and many

consumer choices about energy-using appliances and equipment, as well as usage patterns. Better regulation can, at a minimum, remove utilities as a barrier to greater energy efficiency and, at best, turn them into active allies in promoting specific efficiency programs and broader efficiency policies. NRDC achieves these goals by participating in utility rate cases and other regulatory proceedings, and is increasingly working on utility regulation in the Southeast.

Applicants should send cover letter including salary requirements, resume and writing sample to hr@nrdc.org by April 18, 2008. No phone calls or faxes. Please reference where you saw this posting. NRDC is an Equal Opportunity Employer.

Clean Energy Technology Analyst
New York

The Natural Resources Defense Council (NRDC) is a global non-profit environmental organization with more than 1.2 million members and online activists. We have offices in New York, Washington, D.C., San Francisco, Los Angeles, Chicago and Beijing, China. Our staff of over 350 includes lawyers, scientists, economists, and policy experts who work to protect the environment and public health through advocacy and education.

Position Summary:

NRDC is seeking a clean energy technology analyst to help with our effort to promote appliance energy efficiency standards and other policies to advance clean energy technologies. This analyst would work closely with other staff analysts and attorneys advocating for state and federal appliance standards, better utility regulation that promotes energy efficiency, and policies that encourage clean distributed generation. This full-time position would ideally be based in New York City.

30. NREL Wind Analyst I - Policy

Requisition #: E5000-1821

Under the direction of program leaders, provide analysis support to respond to requests from the DOE program office for program planning, budget development, and resulting benefits and impacts, including and recommendation of milestones, budgets, and implementation schedules. Support the development of the associated presentations, workshops, and program meetings and analyze results and inputs from attendees.

Collect, maintain, and perform standard analyses of the most current market data and policy information to identify trends in manufacturing, development, environmental regulation, transmission regulations, and utility requirements that signal market or policy shifts that could affect future development and deployment activities of the program. Provide summary reports as directed by program leaders.

In collaboration with the NWTC analysis team, continue development of wind program economic and policy models. Work on the development of advanced models to quantify impacts on jobs, economic development, manufacturing, environmental impacts, and benefits as well.

Contribute to the publication of economic and policy analysis reports in journals and conference proceedings.

Minimum Requirements

Bachelor's degree in economics, science, engineering or other related field. Fundamental knowledge of policy, market, and/or technology analysis practices, procedures, and concepts. Good interpersonal and communication (oral and written) skills; ability to write technical reports. Basic computer skills including: word processing, spreadsheet modeling, and elementary data base operations. Strong presentation skills and the ability to develop Power Point presentations.

Preferred

Master's degree in economics, science, engineering, environmental, or other related field. Two years of experience with the economic and policy issues facing wind technology and a fundamental understand of the wind technology.

Please submit your resume and cover letter by email (single document if possible), fax, or mail to:

National Renewable Energy Laboratory

Human Resources (Requisition #E5000-1821)

1617 Cole Boulevard

Golden, CO 80401

Fax: 303/384-7570

nrel_employment@nrel.gov (use only for incoming resumes and cover letters; no inquiries)

Please be sure to reference the requisition number for the specific position in which you are interested.

NREL is an equal opportunity employer committed to diversity and a drug-free workplace.

31. The Middle East Centre for Sustainable Development: Building Simulation

Being located in Dubai, the opportunities are tremendous, and the new employees will have the opportunity to work on some of the large scale / high profile projects in and throughout the world.

(1) Senior Energy Engineers

The candidates are required to have a minimum of 3 years of experience within the building simulation industry (VisualDOE and other DOE engine software experience are highly recommended), and to specifically understand how to model buildings according to ASHRAE 90.1 appendix G and the Building Performance Rating Method for the requirements given by LEED EA Credit 1. Furthermore, we expect the candidates to have a university degree (architecture, physics, engineering, mechanical engineering or similar).

Attractive salary, housing and transportation package for the selected candidates.

(2) Energy Engineers

MECSD currently also has several research associate positions to be filled by candidates with a minimum of 1 year of experience within the same technical fields and respective modeling programs. The candidates are expected to have a university degree (architecture, physics, engineering, mechanical engineering or similar).

For more information, send your CV to Ravi Srinivasan at ravi.s.srinivasan@gmail.com

32. Jobs at Fat Spaniel: Information Services for Renewable Energy

We have quite a few job openings currently as well, with many more to be released over the next few months. Can you add these to the letter next time out?

<http://fatspaniel.com/about-us/careers.html>

Director of Business Development

Job Summary

The Director of Business Development will be responsible for identifying key partners in target markets, as well developing and managing partnerships with technology or channel partners. This position is part of the Marketing Team, which is responsible for the company's market positioning, market research, product strategy, product launch and on-going promotion, web presence, sales tools, industry events, channel partner co-marketing and business development.

East Coast Account Executive

Job Summary

This high profile position will report directly to the VP of Sales of the company. The Direct Sales Representative located on the East Coast will lead sales activities, building and managing Commercial client base. This position will be responsible for direct sales in the solar market by developing and enhancing sales strategies and programs to drive future revenue growth.

Information System Administrator III

Job Summary

This is the lead UNIX system administration role within the Fat Spaniel Technologies IT Team. The Information System Administrator III performs a key role in the management and operation of a 24x7 San Jose based Alternative Energy Company. We are looking for a responsible, disciplined individual for the management of the UNIX environment. The environment you will support is a heterogeneous blend of, Red Hat v5, v4. The position will administer and maintain all Corporate/Production UNIX Servers and Workstations assist Software Engineering in custom and standard builds, work closely with MYSQL DBA, & Application Engineering.

Senior Product Marketing Manager and Market Analyst

Job Summary

The Product Marketing Manager will be responsible for product management of a targeted line of products for Fat Spaniel as well as having general responsibility for assigned areas of market research and analysis. This position is part of the Marketing Team, which is responsible for the company's market positioning, market research, product strategy, product launch and on-going promotion, web presence, sales tools, industry events, channel partner co-marketing and business development.

Web Application Engineer

Job Summary

The Web Application Engineer position reports to the VP of Engineering and is responsible for server-side software web application development in a packet-oriented, multi-tier, database driven, J2EE application environment. The solutions developed will be used to receive, manage and deliver energy and performance data from remote renewable energy systems.

33. Energy Engineer:/ Bldg System Analyst GreenShape LLC

GreenShape LLC, a nationally recognized green building and sustainability consulting firm based in Washington, DC, is seeking an experienced and motivated engineering professional with 5 to 10 years of experience in energy analysis to support our expanding green building and corporate sustainability consulting practice. GreenShape guides building owners, developers, design and construction teams in the creation of buildings, programs and education for sustainable living. We have helped over a hundred project teams set high green building performance goals and create a legacy of excellence through their work.

Applicants for the Energy Engineer position should hold a BS or MS degree in Mechanical Engineering and have knowledge of building systems, especially mechanical, lighting systems, building envelope and controls. Proficiency in creating iterative energy models for a variety of building types using software such as eQuest, Energy Pro, or Trane Trace is essential. We are looking for a flexible, organized professional to manage multiple projects with minimal supervision in a small office environment. Candidates should have the desire and ability to explain green building and energy efficiency concepts, systems design implications and energy modeling results to engineers and laypersons.

The ideal candidate will have experience with energy systems design and LEED projects and also be

able to evaluate energy systems in existing buildings and make recommendations for potential systems improvements. Experience with providing LEED Enhanced Commissioning services would be an additional plus. CEM, LEED AP and/or PE preferred.

Responsibilities

Primary responsibilities include recommending energy-efficient green building and neighborhood strategies to support our LEED project teams and creating iterative energy models. You will work on a range of project types including commercial office buildings, schools, multi-unit residential and mixed-use projects, building modernizations, and neighborhood development projects. Depending on your skills and experience, you may also be responsible for conducting green building/energy audits for LEED EB-OM projects, evaluating building systems and making recommendations for improvements or providing LEED Enhanced Commissioning services.

GreenShape offers a competitive salary (commensurate with experience) and excellent benefits including an employer-sponsored retirement plan. Our office is located in the central business district in Washington, DC, one block from metro www.greenshape.com.

To apply, submit your resume and a letter of interest outlining your relevant experience and green building career goals to

hr@greenshape.com. Please indicate your name and job title (Energy Engineer) in the subject line of your email.

34. LEED Coordinator

Kirksey is seeking a new or recent college graduate with up to two years work experience for an entry-level position with our EcoServices team. We seek a person with a passion for green building and sustainability. The position includes a variety of duties including LEED documentation, green building research, and energy and daylight modeling. The ideal candidate will be creative, articulate, and highly organized with strong writing, communications and technical skills. Candidates must be able to read detailed architectural drawings and specifications, and understand building industry terms, though they need not be architecture graduates. Candidates with school and/or work experience in energy modeling are strongly preferred. Candidates with school or work projects reflecting knowledge of green building and/or LEED are strongly preferred. LEED Accreditation is strongly preferred. Education and/or work experience related to mechanical engineering is also a plus.

Responsibilities:

- Study and thoroughly learn the LEED green building rating systems.
- Solicit, organize, and enter LEED documentation data.
- Perform energy modeling for LEED projects.
- Perform daylight modeling for LEED projects.
- Conduct research on green building materials and methods as required.

- Coordinate several projects at one time using the LEED Online digital system.

Qualifications:

- Bachelors or graduate degree
- Ability to pick up new skills quickly
- Solid organizational skills
- Web/Computer savvy: MS Office (Word, Excel, Powerpoint), Energy and Daylight modeling software (such as eQUEST or EnergyPlus) Adobe Acrobat, Internet. Photoshop or other graphics programs a plus.
- Dependable and able to work without close supervision
- Detail oriented with an ability to multitask

Please send resumes and a cover letter to Julie Hendricks at julieh@kirksey.com .

35. Mechanical Engineers at ARUP

Where in the world can HVAC MECHANICAL ENGINEERS work on a range of projects?

- From libraries to green housing?
- From universities to naturally-ventilated offices?
- From museums to conference centers?
- From cleanrooms to retail?
- From High rises to laboratories?
-

At Arup.

Want to learn more? www.arup.com

Send resumes to: susanne.sipola@arup.com

We are seeking an HVAC Mechanical Engineer to work on exciting and world renowned projects including the Air Force Memorial, the Beijing 2008 Olympic Stadium, the Denver Art Museum and many more!

- The successful candidate will design mechanical systems including: heating, cooling, heat rejection, air distribution, ventilation, air conditioning, building automation and controls.
- Prepare drawings detailing the system designed and perform system design calculations.
- Select equipment for use in building systems and write reports.

- Coordinate their work with engineers of other disciplines.
- Attend meetings and communicate with clients to establish their needs and discuss design issues with them.
- Incorporate sustainable design methods in buildings. analysis, etc.
-

Bachelors Degree in Mechanical Engineering or Architectural Engineering with a sound knowledge of mechanical engineering fundamentals.

5+ years of relevant experience in buildings including hospitals, libraries, museums, high rise etc.

Good communication skills are essential for team based working.

Proven interest in the field of building design.

Have project management and supervisor experience.

PE licensed.

Business development capabilities

Arup

901 Market Street, Suite 260, San Francisco CA 94103

tel: 1 415 946 1634

fax: 1 415 957 9096

cell: 1 415 420-3834

susanne.sipola@arup.com

www.arup.com

36. TerraPass Greenhouse Gas Emission Reduction Associate (San Francisco, CA)

» To apply, send a résumé to carbonjobs+ERPA@terrapass.com. No phone calls please.

As TerraPass continues to grow, we seek to expand our capacity to source verified carbon offset projects in North America. As a result, we're looking for motivated individuals to join our high-powered carbon team. This is a unique opportunity to make a difference by fostering new greenhouse gas emission reduction projects, help build a start-up company in downtown San Francisco, and develop your career in the carbon markets. These positions come with potential advancement to Manager level after as little as two years of service.

Here's what our Project Associate will do:

- o Conduct and write due diligence reports for projects new to TerraPass
- o Work with project owners to gather necessary data to document a project's potential emissions reductions.
- o Prepare Project Design Documents detailing each project's scientific, economic, and environmental benefits.
- o Propose scientifically defensible strategies to address data gaps in project baselines or emissions monitoring.
- o Develop and maintain good working relationships with project parties throughout data collection and analysis tasks.
- o Implement and manage monthly monitoring and verification plans at TerraPass projects, working to reduce lost carbon opportunities and maximize revenue for TerraPass project owners.

Here's what we're looking for in a candidate:

- o Ability to analyze scientific aspects of a project activity and apply field data to system level

- mathematical and written emissions reduction models of TerraPass projects.
- o Experience writing formal documents within prescribed structures (such as regulatory submissions, grants or client deliverables); excellent writing skills.
- o Working knowledge of financial analysis techniques and their application.
- o Calm under pressure and ability to contribute to multiple projects at once.
- o Interest in greenhouse gas regulation, cap-and-trade systems, and offsets.

And here are the qualifications we're looking for:

- o At least one year of demonstrated working experience in a science or engineering discipline (volunteer work or internships may be considered).
- o Environmental science, or energy-related engineering degree.
- o Personal passion for TerraPass company mission essential.

TerraPass offers an excellent compensation and benefits package, including stock options. Our work environment is casual and highly energetic. TerraPass is an equal opportunity employer. This position is based in downtown San Francisco and not available to telecommuters. Candidates must possess valid US work authorization. Principals only.

37. Ecos: Efficiency and Renewables

I'm looking for talented and fun people to lead our growing energy efficiency and renewables innovation team at Ecos. I've attached job descriptions for our new Lighting Portfolio Manager and Industrial Portfolio Manager positions.

<http://www.ecosconsulting.com/documents/PSILightingPortfolioManager-jobposting030608.pdf>

<http://www.ecosconsulting.com/documents/IndustrialPortfolioManager-jobposting030608.pdf>

Jonathan Livingston
 Vice President, Product & Service Innovation
 ecos

433 California Street Suite 630
 San Francisco CA 94104

T: 415 399-9399 x201
 F: 415 399-0650
 ecosconsulting.com <<http://www.ecosconsulting.com>>

Making a World of Difference

—

38. Kalpakrit Sustainable Environments Pvt. Ltd. in New Delhi.

We are looking for young architects and mechanical engineers who are interested in the environmentally responsive building design. There is at least 1 and possibly 2 places open. The primary work would involve guiding the architectural design, lighting/ daylighting aspects, and building rating systems (specifically -- LEED-India, and TERI-GRIHA) certification facilitation of various building projects. The work will be research based, primarily focused towards meeting or exceeding best practices in the area of soil conservation on the site, better water management and energy efficiency in buildings, and use of environmentally sensitive building materials.

The pay package will be attractive with opportunity to grow better and quicker based directly on your performance, and initiative and challenges you take head-on. Attitude to learn new things and a scientific quest / approach to life's little wonders will be appreciated and encouraged.

The firm is Kalpakrit Sustainable Environments Pvt. Ltd. in New Delhi. Both Alpana Jain and I are ex-TVB architecture graduates, did MS from ASU in Arizona, USA, worked in the Washington DC region in the green building sector for 3 years and have recently returned to India and have started out this venture. At present we are a team of 4 people and need

more enthusiasts to join us in our endeavor!

Email us your resumes (kalpakrit@kalpakrit.com) or call Neeraj at +91-99581.70018 or Alpana at +91-99581.70019. Hope to be working with a

dynamic young architect / engineer soon! We are also interested in having interns from abroad who may be interested in working / training and experiencing India.

sincerely,
Neeraj

Neeraj Kapoor
Kalpakrit Sustainable Environments Pvt. Ltd.
New Delhi, India

-----Inline Attachment Follows-----

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energyfolks mailing list

energyfolks@lists.stanford.edu

<https://mailman.stanford.edu/mailman/listinfo/energyfolks>

From: Gil Masters (gmasters@stanford.edu)

To: aaronrez@alamedanet.net; anitzkin@hotmail.com; aaaponte@stanford.edu;
abear@stanfordalumni.org; achase@stanford.edu; alambie@stanford.edu; adrianbjames@hotmail.com;
adavenport@TNC.ORG; aferro@clarkson.edu; argonaut@gmail.com; akvirtue@sbcglobal.net;
ahlfeldt@stanford.edu; energy@anutter.com; adaly@taylor-engineering.com; amaaron@stanford.edu;
akerr@uclink.berkeley.edu; amylynn@stanford.edu; annimal@alum.mit.edu;
andra@stanfordalumni.org; Andrea Michelle Odegard; anton@rowes.net; allen@rowes.net;
aravitz@stanford.edu; apg@stanford.edu; ArmaShehabi; aprice@stanfordalumni.org;
armin@stanford.edu; audrey.chang@stanfordalumni.org; abrownski@yahoo.com; Burachat
Akkaraporn; babadi@stanford.edu; bhaines@stanford.edu; bjbhel@stanford.edu; BarryAbrahamson;
BenWelle; bcarver@stanford.edu; belias@stanford.edu; bosshard@stanford.edu; bjbhel@stanford.edu;
brindat@stanford.edu; briankgilbart@hotmail.com; bryanp@stanfordalumni.org; brenden@rowes.net;
btarbell@stanfordalumni.org; BlissTemple; bhyde@stanford.edu; ninefootnine@yahoo.com;
CarlvonSaltza; carstensen@stanfordalumni.org; chrishammer@greenclips.com; Cheng Chang;
Christopher.Chandler@GOV.CA.GOV; christy_chung@stanfordalumni.org; ckost@stanford.edu;
ckitchen@stanfordalumni.org; christensen@econergy.net; cliff.kalinowski@stanfordalumni.org;
cliff.chen@stanfordalumni.org; cameron7@stanford.edu; cmichaelming@aol.com;
cody1984@stanford.edu; cameron@cleanegroup.org; cnewt@stanford.edu; cliebner@stanford.edu;
cyucao@stanford.edu; ccyang@ucdavis.edu; CummingsM@pewclimate.org;
david_wegman@yahoo.com; deana@pangea.Stanford.EDU; dana_gunders@yahoo.com;
davidgilbert@yahoo.com; dseibold@stanford.edu; djcully@stanford.edu;
dcornejo@stanfordalumni.org; delse@cs.stanford.edu; dkalafatas@3phases.com;
dgottfried@worldbuild.com; dmcdermott@AltiraGroup.com; dbachrach@nrdc.org;
ddreessen@nthpower.com; dww@stanford.edu; drewb@stanfordalumni.org;
danimalz@pangea.Stanford.EDU; evandlt@stanford.edu; ekassoy@stanfordalumni.org;
finamanda@hotmail.com; eaumann@gmail.com; excelsior@stanfordalumni.org;
ebleslie@stanford.edu; edward.mccullough@stanfordalumni.org; elesk@stanford.edu;
edhlngr@stanford.edu; emilieh1@stanford.edu; elouns@elouns.com; eromero@stanford.edu;
ewanless@stanford.edu; frank.teng@gmail.com; fred@hadidi.com; gretchen_parker@hotmail.com;
gnaugles@yahoo.com; gb@greenwalk.com; ghulburd@stanford.edu; Grenier@stanfordalumni.org;
nerd.girl@stanfordalumni.org; hattemann@yahoo.com; hwchen@stanford.edu;
H2EConsulting@cs.com; hfahmy@arithmetic.stanford.edu; HareshKamath;
hummel@stanfordalumni.org; ivor@ivor.com; ipau@stanfordalumni.org; Ian Monroe;
mjacks@stanford.edu; jjeroen@yahoo.com; jgallego@stanford.edu; johnz@stanford.edu;
jeffrosenfeld@hotmail.com; jgrey.fox@stanfordalumni.org; jgkoomey@stanford.edu;
jschmitt@stanford.edu; jonp@oddpst.com; jkepke@CH2M.com; Jack_Lin@stanfordalumni.org;
joshmb@stanfordalumni.org; leighj@stanford.edu; jamesykim@stanfordalumni.org;
jasong@parthenon.com; jjeanne@stanford.edu; jenny.mandel@stanfordalumni.org; Jesse Cuevas;
jim.sweeney@stanford.edu; JNSwisher@aol.com; johnchen@stanford.edu; jwoody@stanford.edu;
joanna@pangea.Stanford.EDU; jnahan@stanford.edu; jnogues@stanford.edu; jtraube@stanford.edu;
jkastner@stanfordalumni.org; karl@karlfjohnson.com; kast0032@yahoo.com; jservaites@yahoo.com;
jryckebusch1@comcast.net; jhsia@stanfordalumni.org; juan.bustamante@stanfordalumni.org;
juliacurtis01@hotmail.com; juliek@pangea.Stanford.EDU; justwink@stanfordalumni.org;
karl.knapp@stanfordalumni.org; kjarbeit@stanfordalumni.org; khannon@stanfordalumni.org;
kncahill@stanford.edu; kim.coffey@stanfordalumni.org; kirk.miller@stanfordalumni.org;
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Date: Thursday, March 27, 2008 4:22:57 PM

Subject: one more job

...this one just came in....

Energy Efficiency Implementation Manager - ICF International

ICF International is adding staff to its energy efficiency and climate change team in San Francisco to support a wide range of energy efficiency implementation projects. Our clients include local cities, national utilities, and some of the most recognizable Fortune 500 global corporations. We seek creative

problem-solvers, able to work as part of a team and independently, applying a wide range of analytical and communications skills. ICF's San Francisco office includes 30 staff with a wide range of passions and experience, working collaboratively to deliver energy efficiency and climate solutions.

What you will do: You will help to manage and implement broad-based energy efficiency implementation projects, including the San Francisco Energy Watch program, a program that provides incentives for energy efficiency retrofits in small commercial and multifamily buildings in the City of San Francisco. Your opportunities will include overall program management, direct interface with the client, creative outreach to educate and engage the local community in energy efficiency, coordination of all program responsibilities and management of staff and subcontractors. This position is an opportunity to work on the front lines of energy efficiency and make a tangible impact on climate change.

On a daily basis you will perform any and all of the following: speak directly with clients to determine the future direction of energy efficiency programs, oversee energy efficiency installations, work with ICF staff and subcontractors to determine appropriate program roles and responsibilities, manage program accounting and reporting requirements, work directly with contractors to evolve their program participation, conduct telephone surveys to gather detailed information, attend brainstorming meetings and assist with or lead proposals. Your experience and capability will determine the breadth of your responsibility.

What experience are we looking for? You should have demonstrated experience in at least two the following areas:

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

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

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

We place a premium on creativity, an ability to work independently when necessary but to function as

part of a team, a drive to succeed, a commitment to client satisfaction and a genuine interest in clean energy systems.

What additional skills would we like to see?

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

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

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

ICF International is an equal opportunity and affirmative action employer.

Level of Job: Mid-Level (2-5 Years)

Area(s) of Interest: Energy Efficiency, Climate Change

Type of Job: Full-Time Employee

Work Location(s) : California - San Francisco

If Interested, contact Cody Taylor: ctaylor@icfi.com