

**From:** Gil Masters <gmasters@stanford.edu>  
**Subject:** Renewables report, EV event, Energy+, BrightSource, Cleantech\$  
**To:** energyfolks@lists.stanford.edu  
**Date:** Thursday, May 28, 2009, 4:45 PM

Hello Energyfolks.. just a reminder that old blurbs are archived at <http://www.maproyalty.com/e-archives.html>.

First a nice quote from Paul Krugman of the NYTimes, May 1, 2009:

*But the opponents of action claim that limiting emissions would have devastating effects on the U.S. economy. So it's important to understand that just as denials that climate change is happening are junk science, predictions of economic disaster if we try to do anything about climate change are junk economics.*

1. Nice pic of fuel cell cars... no mo (some have trouble with my attached pics.. ?)
2. Nice summary of Renewables Global Status Report, 2009
3. Pacific Energy Center: 2-Day DesignBuilder/Energy Plus workshop, June 17-18
4. MIT Angels and OPEN SV: Cleantech Investor Pitch Lunch, June 13th, Mt. View, CA
5. GRID Alternatives Electric Vehicle event/fundraiser, Google, May 31
6. PG&E PPA with BrightSource Energy for 1310 MW of solar
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**JOBS JOBS JOBS**

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## 1. U.S. Drops Research into Fuel Cells for Cars

### U.S. Drops Research Into Fuel Cells for Cars



General Motors News Photo

Chevrolet's Project Driveway program uses Equinox electric vehicles powered by hydrogen fuel cells.

By MATTHEW L. WALD  
Published: May 7, 2009

SIGN IN TO

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## 2. The Renewables Global Status Report 2009 Update is now available from REN21.

[http://www.ren21.net/pdf/RE\\_GSR\\_2009\\_update.pdf](http://www.ren21.net/pdf/RE_GSR_2009_update.pdf)

It has some remarkable statistics:

- \* Global power capacity from new renewable energy sources (excluding large hydro) reached 280,000 megawatts (MW) in 2008 – a 16 percent rise from the 240,000 MW in 2007 and nearly three times the capacity of the United States nuclear sector.
- \* A significant milestone was reached in 2008 when added power capacity from renewables in both the United States and the European Union exceeded added power capacity from conventional power (including gas, coal, oil, and nuclear). That is, renewables represented more than 50 percent of total added capacity.

- \* Grid-connected solar PV continued to be the fastest growing power generation technology in 2008, with a 70 percent increase in existing capacity to reach 13 GW.
- \* Existing wind power capacity grew by 29 percent in 2008 to reach 121 GW, or more than double the 59 GW of capacity in place at the end of 2005.
- \* China doubled its wind power capacity for the fifth year in a row, ending 2008 at 12 GW, and breaching China's 2010 development target of 10 GW two years early.
- \* Although the clean energy sector initially weathered the financial crisis in late 2008 better than many other sectors, renewable investment did experience a downturn after September 2008. Total clean energy investment in the second half of 2008 was down 23 percent from the second half of 2007. Overall, renewables investments did not escape the general flight from risk and from growth sectors; however, projects have continued to progress, particularly those supported by policies such as feed-in tariffs.

Cheers,

Chris Graecen [chrisgreacen@gmail.com](mailto:chrisgreacen@gmail.com)

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### **3. Pacific Energy Center: 2-Day DesignBuilder/Energy Plus workshop, June 17-18**

We are holding a 2-Day DesignBuilder/EnergyPlus “advanced” building energy simulation workshop at Pacific Energy Center, downtown San Francisco on Wednesday and Thursday, 17 – 18 June 2009. The workshop is being lead by Dr Mahabir Bhandari of DesignBuilder Software (USA) and PC Thomas of Team Catalyst Pty Ltd (Australia). Both personnel have extensive experience in the use and teaching of building energy simulation programs. Participants will use the DesignBuilder/EnergyPlus suite extensively over the two days.

Day1 will be focused on developing building geometry with DesignBuilder, importing from 2D-DXF and 3D gbXML import from CAD. Various DB features, including complex geometry, template and Model Data Management, Schedules, Heating Design, Cooling Design, Simulation options, parametric runs will be discussed.

Day2 will be focused on modelling systems using EnergyPlus. A simple 5-zone model will be exported from DesignBuilder to EnergyPlus. The native IDF Editor will be used to develop HVAC Template options to generate a VAV system. A series of HVAC design upgrades will be tested. These could include, adding AHUs, supply air reset control, VSD drives, low turn down ratios, low static pressure ductwork, or upgrading air cooled to water cooled plant.

EnergyPlus is a public domain program and can be downloaded from

: <http://apps1.eere.energy.gov/buildings/energyplus/>

A free 30 days evaluation copy of DesignBuilder ver 2.0 can be downloaded from: <http://www.designbuildersoftware.com/designbuilder.php> or <http://www.designbuilder.co.uk/>

This workshop is a great opportunity for training staff in predicting the energy/greenhouse performance of buildings. These skills would be invaluable in the current tough economic climate juxtaposed with increasing concern about global warming. Projects that do proceed, either new or renovation, will have an increased focus on sustainable performance. We look forward to meeting with you at the workshop.

For more information and registration please visit:

<http://www.designbuildersoftware.com/Workshop1.php>

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#### **4. MIT Angels and OPEN SV: Cleantech Investor Pitch Lunch, June 13th, Mt. View, CA**

Presenting Company Application Deadline: May 3st

Event: June 13th, 12:30pm - 2.00pm

Location: Computer History Museum, 1401 N Shoreline Blvd, Mountain View, CA 94043

Cleantech Pitch Lunch: June 13th, 12:30pm - 2.00pm

For more information check out: <http://www.mitcnc.org>

MIT Angels, MIT Club of Northern California, and OPEN SV invite offer innovative Cleantech startups seeking funding a unique platform to present their pitches and mingle with a high-caliber audience of VCs, angel investors, strategic partners, corporate investors, industry experts, and potential check writers at [OPENforum '09](#). The event is open to Cleantech companies which work in the renewable energies, energy efficiency, water, reusing carbon, carbon capture and storage, smart grid, green IT, transportation, electric vehicles, and carbon credits sectors and make use of particularly innovative technologies, products or business models. Presenting companies are invited to submit their application by May 31st, using an online application form. For further information visit us at: <http://www.mitcnc.org>

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#### **5. GRID Alternatives Electric Vehicle event/fundraiser, Google, May 31**

If spending a day outside in the sun while test driving electric vehicles and networking with Bay Area clean energy enthusiasts sounds good to you then definitely buy a ticket to GRID Alternative's "PLUG IN TO GRID" Event. The event will be held at Google on May 31st and all proceeds go towards the non-profit's mission of creating green collar jobs and installing solar PV systems in California low income communities. The event will feature a terrific panel of speakers, yummy food and drinks, and lots of solar panels and electric vehicles.

Plug Into GRID! [www.gridalternatives.org/plugin](http://www.gridalternatives.org/plugin)

You are cordially invited to join GRID Alternatives for an exclusive afternoon party to learn about plug-in vehicles while raising money to bring renewable energy to low-income families. We will have dozens of electric vehicles available for viewing and in some cases test rides and test drives, plus meet and hear from industry experts on current trends in electric-powered transportation.

Check out high-end sportscars like the [Tesla Roadster](#), futuristic prototypes displayed by [Stanford](#) and [PG&E](#), plug-in hybrid conversions, motorcycles, scooters, neighborhood electric vehicles and much more. All this plus drinks, hors d'oeuvres, and a silent auction under Google's solar-powered carport at their campus in Mountain View.

Industry Panelists Include:

Josh Becker, General Partner, [New Cycle Capital](#)

Sherry Boschert, Co-Founder and Board Member, [Plug In America](#)

Anup Jacob, Partner, [Virgin Green Fund](#)

John Suh, Staff Researcher, [GM Advanced Technology Silicon Valley](#)

Saul Zambrano, Director, [PG&E Clean Air Transportation Program](#)

Space is limited and this event will sell out!

Please order your tickets online today at [www.gridalternatives.org/plugin](http://www.gridalternatives.org/plugin), or contact Tracie Troxler at (510) 652-4730 x316 or [ttroxler@gridalternatives.org](mailto:ttroxler@gridalternatives.org) for more information.

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## **6. PG&E PPA with BrightSource Energy for 1310 MW**

By Tracy Seipel

S.J. Mercury News

Updated: 05/14/2009 07:26:23 AM PDT

Declaring it a record total, Pacific Gas & Electric on Wednesday announced an expansion of solar-power contracts with Oakland's BrightSource Energy for a total of 1,310 megawatts of electricity — enough to power 530,000 California homes during peak hours of noon to 7 p.m.

The power purchase agreements, which will now include seven power plants, add to a previous contract the two companies struck in April 2008 for up to 900 megawatts of solar thermal power.

BrightSource called it the largest solar deal ever. The company now has 2,610 megawatts under contract, which it said is more than any other solar thermal company and represents more than 40 percent of all large-scale solar thermal contracts in the United States.

BrightSource uses a field of mirrors to reflect sunlight onto a power tower. BrightSource, which designs, builds and operates solar thermal plants, will construct the plants at a cost of at least \$3 billion in the southwestern deserts of California, Nevada and Arizona. The company anticipates the first plant, a 110-



megawatt facility at Ivanpah in eastern San Bernardino County, to begin operation by 2012.

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## **7. Huge drop in clean-tech venture funding**

By Tracy Seipel

Mercury News

Updated: [05/12/2009 06:02:34 AM PDT](#)e

Investments in clean-tech startups plummeted in the first quarter of 2009 compared with recent quarters, according to a report issued Monday by Ernst & Young. After a record year in 2008, U.S. venture capital funding in clean tech during the first quarter — \$277 million raised in 24 deals — was down 63 percent in capital and 48 percent in deals compared with the same period in 2008.

Among the report's highlights: The energy storage segment more than doubled the \$50 million raised in the first quarter of 2008 to \$114 million in first quarter 2009, making it the largest category of clean-tech investment for the period. Within the energy storage segment, battery-storage companies raised \$69 million, a 37 percent jump from the same period in 2008. Fuel cell companies raised \$45 million, compared with no investment in the same period in 2008. Energy/electricity generation, the quarter's next-largest investment category, raised \$56 million in the first quarter, down 73 percent from the same period in 2008. Solar companies accounted for the majority of activity in this category, raising \$48 million.

Notably, some Bay Area companies made strides during the challenging period, even as local solar companies SunPower and Akeena Solar posted disappointing first-quarter earnings.

Google and [Google.org](#) announced a prototype software of Google PowerMeter, a consumer home smart grid application targeted for completion by the end of 2009.

Meanwhile, Royal Dutch Shell said it will increase its stake in Redwood City-based biofuel company Codexis.

And a Department of Energy grant was recently awarded to Fremont-based Solyndra, a manufacturer of cylindrical photovoltaic systems that plans to use the \$535 million loan to expand its solar panel manufacturing capacity in California.

Ernst & Young's figures show a similar trend to those released last month by the Cleantech Group, a San Francisco researcher that uses a broader definition of clean tech that includes more companies. For the first quarter, the Cleantech Group reported \$650.5 million in venture capital raised by U.S.-based clean-tech companies, down 44 percent from the \$1.15 billion raised in the fourth quarter of 2008.

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## **JOBS JOBS JOBS**

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### **1. Suntech Solar Energy Summer Internship Program, San Francisco**

If you are interested in learning about how clean energy and solar power are part of the solution to global warming, come join Suntech, the world's largest manufacturer of silicon solar modules, for an internship this summer in our downtown San Francisco headquarters.

The summer internship program will offer undergraduate and graduate students an opportunity to learn about Suntech and the solar industry while working on important projects that are relevant to our company's continued success. Each intern will be paired with a mentor who will guide him or her throughout the summer. Interns will also be able to participate in regularly scheduled lectures and meetings tailored for our internship program and led by company and industry executives.

We are currently seeking sales, marketing, project finance, and product management candidates.

Visit this link for more information and to apply:

[http://www.suntech-power.com/index.php?option=com\\_content&view=article&id=151&Itemid=89&lang=en](http://www.suntech-power.com/index.php?option=com_content&view=article&id=151&Itemid=89&lang=en)

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### **2. Bright Power, Energy Services Company, Engineer, New York**

Bright Power, Inc. is seeking an energy engineer to work on challenging building efficiency and renewable energy projects. The candidate should be very self-motivated, enjoy working with and designing systems, adapt quickly to new technologies, and get a kick out of finding energy savings opportunities in the world around them.

Bright Power provides energy services in the following technologies:

- Heating Systems (steam, hydronic, forced air)
- Cooling Systems (AC, commercial refrigeration)
- Lighting Systems (including motion sensors and other controls)
- Electrical Systems (motors, industrial machinery, controls)
- Cogeneration
- Renewable Energy (esp. solar PV, solar thermal, CSP, wind)
- Controls and Energy Management Systems
- Remote Monitoring
- Energy Modeling (eQuest, TREAT, Energy Plus, TRNSYS)

Qualified candidates please respond to [jobs@brightpower.biz](mailto:jobs@brightpower.biz) with a cover letter, resume, writing sample and excel spreadsheet sample. Sorry, but we can only consider those with US work

authorization at this time.

Jeff Perlman  
ROMASHKA / Bright Power  
[www.romashka.net](http://www.romashka.net) / [www.brightpower.biz](http://www.brightpower.biz)

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### **3. Energy Storage start-up project, E.E. needed, Stanford**

#### Overview of Opportunity

- Project Ballast is an innovative clean energy start-up project, focused on unlocking the hidden value in existing energy storage technologies through intelligent aggregation and a highly capital efficient business model
- Ballast is currently led by 4 founders who bring a diverse range of academic and professional backgrounds in top-tier mechanical engineering, mathematics, and business institutions
- We are looking for a highly talented and motivated electrical engineer to join the team, starting as soon as possible on a part-time basis, with ability to work full- time during summer 2009

#### Roles & Responsibilities

- Chief participant in designing and configuring local area networks to connect and interface several hundred remote data-logging and control devices

#### Qualification and Educational Requirements

- Bachelors degree or higher in Electrical Engineering from a major US or international university
- Knowledge of network hardware and network security
- Ability to design and test analog integrated circuits
- Strong background in network and socket programming, extensive familiarity with C, TCP/IP and WiFi protocols is essential; knowledge of Assembly is a plus
- Preferred: experience in battery management or power engineering applications

#### Compensation

- Project Ballast has received summer grant funding from a leading Silicon Valley Venture Capital firm, as well as office space and additional resources to incubate the business
- The accepted candidate will receive a stipend of \$10,000 for providing at least 10 weeks of full-time work during summer 2009
- If a company is established to further develop Project Ballast after the summer, the accepted candidate will also receive equity in the future company (based on appetite for future involvement in the business and level of ongoing commitment)

If interested, please send a resume to Weston McBride at [weston.mcbride@gmail.com](mailto:weston.mcbride@gmail.com)

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#### **4. Itron Consulting and Analysis Interns, Oakland, San Diego**

Itron, Inc. seeks qualified interns for its Consulting and Analysis (C&A) Department, particularly in its Oakland and San Diego (CA) locations. These positions allow undergraduate and graduate students the opportunity to support important high profile ongoing projects in energy program evaluations at a number of sites throughout California. The positions allow growth potential and responsibility, which could lead to part time and full-time positions upon completion of the internship and/or studies.

1. Engineering interns will be responsible for data collection and analysis, and may be responsible for assessing technologies; evaluating utility programs; providing analytical support with respect to data management, load profiling, and statistical analyses using Access databases; and conducting field instrumentation at commercial and industrial facilities. Travel requirements may be extensive, at approximately 80%. For engineering interns, experience with utility energy efficiency programs; renewable/self-generation equipment and programs; building equipment and systems; building energy use assessment; and building simulation (e.g., eQuest / DOE 2.2) are desired.

2. Analyst interns will provide technical support in specialties such as economics, energy policy, market research and statistical analysis. They will apply statistical knowledge to the design of surveys and experiments, telephone data collection, data processing, analysis of data, and interpretation of results. The intern may also provide support with data management, load profiling, and statistical analyses Monte Carlo simulations. Travel requirements are expected to be minimal, at 20% or less.

3. General activities of interns in both categories include: job-shadowing and assisting various employees, offering input in dealing with complex problems, learning any regulations related to departmental tasks, and helping the C&A department stay abreast of latest developments in the field and in any changes related to educational practices.

Successful candidates would typically have a minimum of 1 year of related experience and two years of undergraduate studies.

#### **Job Description:**

This position allows college students to gain real world experience in a field while collaborating with their studies. As the job progresses the individual will be allowed more freedom and responsibility which could lead to a full-time position upon completion of the internship.

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#### **5. ICF International hiring for energy efficiency, climate policy, and more**

The company I work for - ICF International - is hiring for a number of positions related to energy and climate change in offices around the country. ICF is a leading consultant

to utilities, governments, and private companies. The company continues to grow and the job openings posted on the website are real. There are positions for energy analysts, climate and energy policy associates, and account managers to work with utilities on energy efficiency programs.

To see positions and apply please use the ICF jobs website: <https://jobs.icfi.com/joblist.html>. Click "show all jobs" and look under "College Recruiting" and "Energy."

When applying online, drop Cody Taylor: [ctaylor@icfi.com](mailto:ctaylor@icfi.com) a line and enter his name in the "referred by" box on the application.

He's happy to answer questions.

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## **6. Internship opportunity to install 36 kW PV system at community land trust on Lopez Island, WA**

Lopez Common Ground is a zero-net energy affordable housing project with straw-bale passive-solar construction built largely by labor of residents and interns on Lopez Island in Washington State. We've just finished the homes and next step is a 36 kW grid-connected solar electric array.

Interns in the Lopez solar project will receive \$100 per week to cover food. Locals will provide opportunities for tenting or rustic lodging. Interns must commit to stay for four weeks starting 25 May. We're looking for 5 interns. Unpaid volunteer opportunities are also available for people willing to work at least 3 days. One of the leading PV companies in the Pacific Northwest will oversee the installation, and provide training.

Here's a website about the project:  
[http://www.lopezclt.org/affordable\\_housing/sustainable\\_community\\_homes.htm](http://www.lopezclt.org/affordable_housing/sustainable_community_homes.htm)

This is a great opportunity to gain some hands-on technical skills.

Please respond to:  
[lclt@rockisland.com](mailto:lclt@rockisland.com)

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## **7. Energy Analyst: Atelier Ten, New York**

Atelier Ten is looking for an experienced and ambitious energy analyst to join our interdisciplinary environmental design team in our New York City office. The candidate will work closely with Atelier Ten's energy analysis practice leader to develop and maintain analysis methods and standards; assist other staff with energy analysis-related work; and train staff in aspects of energy analysis. The candidate also will work closely

with Atelier Ten's integrated design groups to provide architects, engineers, and project teams the full range of our services, which include environmental design consulting, building energy optimization, daylight and shading design, and LEED program management. Atelier Ten expects that the candidate will also manage projects that range widely in types and scales.

Candidates are required to be experienced in sustainable and energy-efficient building design, experience in building physics and in energy modeling with eQuest or another DOE2-based analysis tools and EnergyPlus, have a Bachelor's or higher degree in a field related to building design and engineering, and be fluent in written and spoken English. Preference will be given to candidates who have working knowledge of EnergyPlus, TRNSYS, IES<VE>, Ecotect, MATLAB and other similar software; experience managing a consulting group; are LEED AP; have other professional certifications or licenses as appropriate; and, who have speaking, publishing, and/or teaching experience.

Interested candidates should send their resume and cover letter via email to [usa.recruitment@atelierten.com](mailto:usa.recruitment@atelierten.com)

Shanta Tucker, PE  
Atelier Ten  
Environmental Design Consultants + Lighting Designers

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[shanta.tucker@atelierten.com](mailto:shanta.tucker@atelierten.com)

[www.atelierten.com](http://www.atelierten.com)

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## **8. CPUC: DSM policy intern, SF**

<http://www.dra.ca.gov/dra/>

### Integrated Demand Side Energy Policy

The Division of Ratepayer Advocates (DRA) is looking for a graduate student intern to assist in developing an energy policy position that integrates California's demand side management approach (including Energy Efficiency, Demand Response, Renewables, Conservation) that can permanently transform consumer actions to optimize energy through the adoption of more efficient technologies and sustainable behaviors. The objective of the project is to change the paradigm of how California uses ratepayer dollars and implements programs to decrease energy demand and mitigate greenhouse gas (GHG) emissions. DRA seeks to develop policy that articulates a market

transformation solution that will collaborate with all stakeholders and jurisdictions including customers, all levels of government, state agencies, and the private sector in order to holistically and most cost-effectively manage customer energy programs in California.

DRA is the independent consumer advocacy arm of the California Public Utilities Commission (CPUC). The internship position will support DRA in researching and assessing exemplary energy program models in order to develop a new California model. Work will include analysis and comparisons of why current programs don't work and drafting portions of program proposal and presentations to influence decision-makers. The research will result in both a paper and formal presentation describing the issues, structure, implementation, and funding possibilities/constraints for a statewide entity that would coordinate market transformation and clean energy programs, impacting energy procurement decisions, environmental concerns, and a green economy in California. The intern will also become familiar with current California energy policies in order to reconcile them with recommendations required to support a new policy direction.

The intern candidate should possess excellent research and writing skills and be able to work independently and proactively toward deadlines in a team environment. Work will be performed under the guidance of the senior analyst/project coordinator. Preferred Intern start date is June 1.

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**9. Summit Blue Consulting: Energy Engineering positions: Boulder, Madison, WI or Chicago**

Summit Blue Consulting, a Boulder-based renewable energy and energy efficiency consulting company, is currently seeking qualified candidates for entry and mid-level engineering positions for work on a wide range of energy efficiency, energy conservation and renewable energy projects.

Expected duties and responsibilities include analysis of energy efficiency and renewable energy technologies, energy simulation modeling, energy auditing and field measurement of the performance of buildings, industrial processes and energy systems.

Preferred candidates will have

- an engineering degree with a focus on energy issues (advanced degree is a plus as is energy modeling experience)
- strong analytic and project management skills
- experience with energy analysis tools and methods
- good verbal and written communication skills, and
- the ability to work in a team environment and oversee the work of other team members

Position will start in Boulder, CO for three to six (3 - 6) months for training and orientation, and will then transfer to either our Madison, Wisconsin, or Chicago, Illinois, offices. For more information and to arrange a job interview, please send a cover letter and resume to Rebecca Perley at [hr@summitblue.com](mailto:hr@summitblue.com) with the subject as "Boulder to Madison/Chicago Engineer."

2nd Position: Expected duties and responsibilities include analysis of energy efficiency and renewable energy technologies, energy simulation modeling, energy auditing and field measurement of the performance of buildings, industrial processes and energy systems. Preferred candidates will have an engineering degree with a focus on energy issues (advanced degree is a plus with eQuest modelling experience), strong analytic and project management skills and experience with energy analysis tools and methods, and good verbal and written communication skills. Summit Blue offers excellent advancement opportunities for motivated candidates. A desire to develop professionally in the exciting and fast moving energy field is important. Compensation is commensurate with education and experience. Position will start in Boulder, CO for the first six (6) months for training and orientation, and will then transfer to our Burlington, Vermont office.

For more information and to arrange a job interview. Please send cover letter and resume to Rebecca Perley at [hr@summitblue.com](mailto:hr@summitblue.com) with the subject as "Boulder to Burlington Engineer"

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### **10. Women of Wind Energy Executive Director**

The WoWE Steering Committee has launched a national search for our first full-time Executive Director to lead the newly incorporated Women of Wind Energy. This new position was announced during the WoWE national luncheon at WINDPOWER 2009. Please refer to the WoWE website (<http://www.windustry.org/womenofwindenergy>) for the full job description. We are currently collecting resumes, with interviews anticipated to begin in early summer. Please help us spread the word about this exciting opportunity!

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### **11. Freedom Prize, Director in DC**

From: Karen Hanson [ <mailto:karen@freedomprize.org> ]

Colleagues and friends – please help me spread the word about a position we’re hiring for in DC – Director of Programs for the Freedom Prize Foundation: [www.freedomprize.org](http://www.freedomprize.org)

We're looking for someone with an interest in advancing our country's energy independence and achieving societal/market transformation using the strategy of incentive prizes. The Director of Programs will be responsible for designing, developing and implementing Freedom Prizes to reduce our country's dependence on oil and to promote alternative/renewable energy strategies and technologies. Categories of Freedom Prizes include: Schools; Cities; Communities; Private Sector; and Military. The position will be based in DC. Salary is commensurate with experience; excellent benefits package.

The successful candidate will embody the following attributes:

A commitment to the mission of the Freedom Prize Foundation; with experience in the energy/environmental field and/or the development of alternative/renewable energy incentive strategies;

A strong track record of applying sound political and strategic judgment in complex situations;

Proven ability to initiate and manage projects to successful completion;

Outstanding written and verbal communications skills;

Ability to work well in a team; enthusiastic personality; sense of humor;

Willingness to travel;

- 5 to 7 years related experience developing public awareness campaigns with an interest in social change movements with high-level stakeholders, including government officials and/or business leaders in a corporate, public or grant making setting.

- Masters or other advanced degree preferred.

Candidates will need to submit their resume through the Freedom Prize Foundation's fiscal agent for formal consideration: [hrjobs@phfe.org](mailto:hrjobs@phfe.org)

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## **12. S.F. Dept. of the Environment: Energy Efficiency Specialist**

Appointment Type: Permanent Exempt

Filing Deadline: May 22, 2009, 5 p.m.

Salary: Annually \$67,964-\$82,628

Date Issued: May 15, 2009

Positions Available: 2

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.

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.
- Fluency in Cantonese or Spanish
- 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=055567> to begin the application process

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### **13. NRDC, Climate Field Director, DC**

NRDC seeks a Climate Field Director to work in the Climate Center at its Washington, D.C. office. The Climate Field Director will manage the Climate Center's field campaign staff in 8-10 states and coordinate campaign activities with NRDC staff in 3-4 additional states. The Climate Field Director reports to the Climate Campaign Director and works closely with staff in the Climate Center, the Legislative Affairs and Communications Departments and other NRDC staff. The Climate Field Director is responsible for coordinating with the field directors and programs of other environmental and non-environmental groups as required.

Essential Functions:

Manage field campaign staff in 8-10 states to build support for federal policies to address global warming.

Work with other NRDC staff as necessary to support and augment the field campaign staff.

Work with the legislative and communications teams to evaluate priority field targets and create field and communications strategies that are complementary to NRDC's policy agenda;

Establish strategic national and state campaign plans that deploy NRDC experts into key states for high level meetings and media opportunities;

Coordinate field work with other coalition efforts and manage relationships and

participation in those coalitions.

Minimum Skills and Knowledge Requirements:

- Bachelors degree;
- 4-5 years experience in hiring and managing field campaign staff;
- 5-7 years experience developing legislative campaign strategies and workplans;
- Excellent written and verbal communications skills;
- Strong interpersonal skills;
- Ability to work in a fast-paced environment with the capability to handle multiple tasks, work well under pressure and be detail-oriented;
- Ability to maintain productive working relationships remotely;
- Familiarity with the issue of global warming is preferred;

We offer competitive salaries, excellent benefits, and a pleasant working environment and are committed to workplace diversity. Salary is commensurate with experience. Applicants should send a resume and cover letter to [www.nrdc.org/jobs](http://www.nrdc.org/jobs). No phone calls or faxes. Please reference where you saw this posting. NRDC is an Equal Opportunity Employer. For further information about NRDC, please visit [www.nrdc.org](http://www.nrdc.org).

Click here to go straight to the posting: <http://careers.vurvexpress.com/JobProfile.cfm?szOrderID=552778&szWID=16314&szCID=73415&szSiteID=1575>

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

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energyfolks mailing list  
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