

From: Gil Masters (gmasters@stanford.edu)
To: energyfolks@lists.stanford.edu
Date: Monday, September 17, 2007 9:35:13 AM
Subject: energyfolks, tries again

Sorry, energyfolks, for the strange behavior of my last blurb... hope this works, if not, blame it on Mad Cow.

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- | 20. Senior Consultant and Consultant: OnLocation Energy Systems, D.C. area
- | 21. Job: Senior Energy Analyst, UCS, Berkeley
- | 22. Senior Analyst/Engineer: Clean Vehicles Program, UCS, Washington, DC
- | 23. Building Science Engineer: Architectural Energy Corp. Boulder, CO
- | 24. Energy Simulation Specialist with Sebesta Blomberg in Woburn, MA .
- | 25. Power Analyst: Point Carbon, Washington, DC
- | 26. Regional Director, The Climate Group, Oakland, CA
- | 27. Program Manager at The Alliance for Climate Protection, Palo Alto
- | 28. Energy Efficiency Evaluation Consultant, PA Consulting, S.F.
- | 29. Associate Position: Energy Investment VC, Altira Group, Denver
- | 30. California Legislature Position with Assemblymember Jared Huffman
- | 31. Energy and Resources Team Leader, Rocky Mountain Institute, Boulder, CO
- | 32. Associate/Analyst - Alternative Energy Investment Fund, (NJ, NYC metro area)
- | 33. Program Manager, Harvesting Clean Energy, Olympia, WA
- | 34. Energy Analyst/Consultant: Environmental Market Solutions, Washington DC
- | 35. Renewable Energy Consultant, Black & Veitch, Walnut Creek, Ca
- | 36. Energy Advisor: Franklin Energy, Madison, WI
- | 37. Marketing, product managers, etc. at Positive Energy in D.C.
- | 38. Senior Advisors for DOE Energy Efficiency and Renewable Energy (EERE)

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| **1. A very potent conventional oil reserves map...**

(which doesn't include Canada's oil sands or other unconventional sources... and remember reserves are not resources... however it does show us the readily available, cheap, easy stuff we so depend on now)

http://www.blog.thesietch.org/wp-content/uploads/2007/09/map01_1024.jpg

2. Wow. Even Alaska's Ted Stevens signs on to Senate Efficient Lighting Bill

Sep 13 - McClatchy-Tribune Regional News - Erika Bolstad Anchorage Daily News, Alaska

It's a bright idea: Get one of the U.S. Senate's biggest skeptics of the causes of global warming to co-sponsor legislation that encourages conservation. So when Democrats wanted to pass a bill to phase out old-style incandescent light bulbs and require that Americans replace them with more energy-efficient models, they turned to Alaska Sen. Ted Stevens for some GOP support.

The Republican senator jumped at the chance.

If the bill passes and Americans gradually switch out bulbs over the next seven years, the Senate Energy and Natural Resources Committee estimates an estimated \$6 billion in annual energy savings.

The legislation would require that the 40-, 60-, 75- and 100-watt incandescent light bulbs be phased out by 2014.

The U.S. is the single largest market for old-style incandescent bulbs and accounts for nearly a third of the global market. Were people around the world to stop using old-style bulbs by 2012, it would save an estimated 5.5 percent of global power demand -- which would drastically cut down carbon emissions.

But not everyone likes the legislation. The Competitive Enterprise Institute, a group that advocates limited government, criticized the proposal as a "costly scheme" that forces consumers into buying more expensive lighting. It is "yet another example of global warming alarmism being used to justify regulating the most minute aspects of our lives," said the group's general counsel, Sam Kazman.

3. Lights Out San Francisco: Oct 20

Lights Out San Francisco (<<http://www.lightsoutsf.org/>>www.lightsoutsf.org)

1 night, 1 hour and 1 bulb on Saturday, October 20, 2007, 8-9pm. Lights Out San Francisco (LOSF) is a citywide energy conservation event on October 20, 2007 to invite the entire city of San Francisco to turn off all non-essential lighting for one hour. To promote long-lasting energy saving, free compact fluorescent light bulbs will be distributed throughout the city and energy-saving results will be published on the LOSF website. LOSF is asking San Franciscans to join together that night throughout the city to watch the lights go out. LOSF will likely be a recurring event - as part of a wider effort to promote energy-saving consciousness for the city of San Francisco.

4. More Plug-In Hybrid-Electric Vehicles (PHEV).. Soon?

By Martin Zimmerman, Los Angeles Times Staff Writer

September 8, 2007

Irvine-based car designer Henrik Fisker just announced plans to unveil a plug-in hybrid at the Detroit auto show in January and to have his high-performance gasoline-electric sedans ready for sale in the U.S. within 18 months. Fisker is a well-known designer of high-end sports cars, including the BMW Z8 and the Aston Martin DB9 and V8 Vantage. To produce the plug-in hybrid, he has formed a joint venture with Irvine-based Quantum Technologies, which will provide the crucial battery and powertrain design.

The joint venture, named Fisker Automotive Inc., will contract out the production of the cars to a vehicle manufacturer. Initial plans are to build 15,000 of the premium-priced vehicles a year, and then in four to five years introduce a second plug-in design priced at \$35,000 to \$40,000.

Industry veteran Malcolm Bricklin, who introduced America to both the Subaru brand and the Yugo, also announced plans for a luxury plug-in hybrid sedan, saying his cars would be available in the U.S. by 2010. And he said the sticker price would be about \$35,000.

Both Fisker and Bricklin are aiming for electricity-only ranges of 45 to 50 miles -- far enough to allow many drivers to spend most days cruising on electrons alone.

And... from Felix Kramer's CalCars blurbs... a quick summary of GM's progress:

GM is making PHEV news in many areas:

- * Vice Chairman Bob Lutz said GM would start putting the Chevy Volt on the road for testing in the U.S. in 2008. And Lutz said he was

"committed" to the 2010 date that had previously been called a "goal."

- * At the Frankfurt Auto Show, the company unveiled its design for its Opel division's version of the Volt: a diesel PHEV, with a different body design and a shorter all-electric range (34 miles).

- * The company seems to be claiming that the car would get 40 grams/kilometer of CO2 -- way below proposed European Union standards of 120-130.

- * Lutz said with both Volt battery contractors are confident they can meet GM's specs, the company might even choose to use both.

- * Both Lutz and President of General Motors Asia Pacific Nick Reilly said the company would consider leasing batteries to reduce the up-front cost of PHEVs.

5. Google RechargeIT Initiative for PHEVs and V2G.. seeking proposals

Google.org is committed to finding innovative transportation solutions to reduce greenhouse gas emissions that cause global warming. Earlier this summer, Google.org launched its RechargeIT Initiative to accelerate the adoption of plug-in hybrid electric vehicles and vehicle-to-grid technology through technical demonstrations, grant-making, advocacy and investments. As part of this initiative, we are issuing a \$10 million request for investment proposals (RFP). We plan to invest amounts ranging from \$500,000 to \$2,000,000 in selected for-profit companies whose innovative approach, team and technologies will enable widespread commercialization of plug-in hybrid electric vehicles, electric vehicles and/or vehicle-to-grid solutions. This RFP is global in scope, and we encourage responses from companies anywhere in the world.

read on: <http://www.google.org/recharge/rfp/index.html>

6. PG&E and Tesla Motors Co-Pilot Vehicle-to-Grid Research

SAN FRANCISCO, Sept 12, 2007 /PRNewswire-FirstCall

Pacific Gas and Electric Company today announced it has partnered with Tesla Motors to further evolve vehicle-to-grid (V2G) technology by researching smart charging - a form of V2G designed to allow remote control charging of electric vehicles connected to the power grid.

"We are focusing our initial V2G implementation on smart charging," said JB Straubel, Chief Technology Officer, Tesla Motors. "Smart charging is a form of V2G in which the vehicle does not provide power back to the grid. Instead, the vehicle charging rate is controlled remotely in order to support the operation of the grid or to best match load to the availability of intermittent renewable

energy resources such as wind and solar. Tesla Motors' goal in developing V2G is to eventually provide our customers with an option that could reduce their cost of electricity for vehicle charging while supporting greater penetration of renewable energy on the grid."

Using the all-electric Tesla Roadster, PG&E will demonstrate smart charging, which allows remote access to the electric vehicle's charging power level through communication with the utility. Tesla Motors will work with PG&E to equip a demonstration Roadster with the communications technology that enables intelligent charging. PG&E will also install monitoring equipment at the auto manufacturer's San Carlos location for testing purposes.

About V2G & Smart Charging

V2G technology allows for the bi-directional transfer of electricity between Electric Vehicles (EVs) and Plug-in Electric Hybrid Vehicles (PHEVs) and the electric power grid. The technology turns each vehicle into a remotely-controllable energy storage system. If deployed on a wide scale, V2G has the potential to provide a large remotely-controllable energy storage resource that can support a greater share of electricity generation from intermittent renewable resources.

V2G is conventionally considered as the delivery of power from a vehicle back to the power grid. However, vehicles can also provide useful services to the grid even without delivering power back to the grid. For example, by allowing the vehicle charging rate to be ramped up and down remotely through smart metering a vehicle can perform a grid ancillary service called regulation. Regulation is currently performed 24/7 by power plants in order to fine tune the balance between generation and load.

If this demonstration project is successful, and smart charging is deployed on a wider scale, it is expected to be interfaced with PG&E's SmartMeter technology, which continually reads circuits and electric meter usage and has the ability to provide financial incentives to customers who voluntarily shift electricity usage away from critical peaks.

7. Acterra's Tour of Solar Homes in Palo Alto, Sat. October 6

Join Acterra for a tour of some of the Peninsula's most interesting solar homes:

<http://www.acterra.org/solartour/index.html>

Saturday, October 6th

10:00 am - Noon: FREE Workshop on Solar Energy Basics

-Get the most out of the Tour with an overview of how photovoltaic (PV) and solar hot water systems work and the economics of installing one at your home.

11:30 am - 2:00 pm: Vendor Fair

- Meet with local solar energy providers to determine what system is right for your home or business.

1:00 pm - 4:00 pm: Palo Alto Solar Homes Tour

- This self-guided tour offers a variety of both PV and solar hot water systems. Talk with residents and learn what motivated them to switch to solar energy.

Tour Tickets: \$10 per person in advance, \$15 on the day of the tour

Check-In Time: 9:30 am - 3:00 pm Saturday, October 6, 2007

Starting Location: Palo Alto City Hall Plaza, 250 Hamilton Avenue, Palo Alto, CA 94301

Registration Packet: Maps, home descriptions, and solar energy Resource Guide will be given out at check-in.

On-site registration: \$15 on the day of the Tour.

Seating is limited for the Solar Energy Basics Workshop, so pre-registration is highly recommended.

Register here:

<http://www.acterra.org/solartour/index.html>

Northern California Solar Energy Association is providing a free copy of the Solar Energy Resource Guide (a \$5 value) to all tour participants. In addition, NorCal Solar will send a free sample issue of their electronic newsletter to all registrants at either the free workshop or the tour.

8. GLOBAL WARMING: The Importance of Buildings (Architecture 2030)

http://www.architecture2030.org/current_situation/coal.html

Coal

GLOBAL WARMING

Think You're Making a Difference?
Think Again.

There are 151 new conventional coal-fired power plants in various stages of development in the US today.

Home Depot

Home Depot is funding the planting of 300,000 trees in cities across the US to help absorb carbon dioxide (CO₂) emissions... *The CO₂ emissions from only one medium-sized (500 MW) coal-fired power plant, in just 10 days of operation, will negate this entire effort.*

Wal-Mart

Wal-Mart is investing a half billion dollars to reduce the energy consumption and CO₂ emissions of

their existing buildings by 20% over the next seven years. If every Wal-Mart Supercenter met this target...

The CO2 emissions from only one medium-sized coal-fired power plant, in just one month of operation each year, would negate this entire effort.

California

California passed legislation to cut CO2 emissions in new cars by 25% and in SUVs by 18%, starting in 2009. If every car and SUV sold in California in 2009 met this standard...

The CO2 emissions from only one medium-sized coal-fired power plant, in just eight months of operation each year, would negate this entire effort.

Every Household

If every household in the US changed a 60-watt incandescent light bulb to a compact fluorescent...

The CO2 emissions from just two medium-sized coal-fired power plants each year would negate this entire effort.

Education

The Campus Climate Challenge calls for all college campuses in the US to reduce their CO2 emissions to zero.

If every college campus building in the US met this challenge...

The CO2 emissions from just four medium-sized coal-fired power plants each year would negate this entire effort.

NY, ME, VT, NH, MA, CT, RI, PA, NJ, DE, MD

The Regional Greenhouse Gas Initiative (RGGI) is a cooperative effort by 11 Northeastern and Mid-Atlantic states to reduce their CO2 emissions to 1990 levels by 2014...

The CO2 emissions from just 13 medium-sized coal-fired power plants each year will negate this entire effort.

Congress

Congress is considering many climate change bills this year to reduce US carbon dioxide emissions...

The CO2 emissions from any new coal-fired power plants work to negate these efforts.

THERE IS A 'SILVER BULLET' FOR SOLVING GLOBAL WARMING...

NO MORE COAL

Without coal, all the positive efforts underway can make a difference.

Over an 11-year period (1973-1983), the US built approx. 30 billion square feet of new buildings, added approx. 35 million new vehicles and increased real GDP by one trillion dollars while decreasing its energy consumption and CO2 emissions.

We don't need coal, we have what we need: efficient design and proven technologies.

Today, buildings use 76% of all the energy produced at coal plants.

By implementing The 2030 Challenge* to reduce building energy use by a minimum of 50%, we negate the need for new coal plants.

Make a Difference: Protect Your Efforts.

* Issued by: 2030, Inc. / Architecture 2030 · The 2030 Research Center

NOTES

1. Emissions Source: US Energy Information Administration (EIA) 2005.
2. Building Sector Data Source: 2006 Building Energy Databook, EIA.
3. 1 Quad (quadrillion Btu) = approx. 60.4 million metric tons of carbon dioxide (MMT CO2).
4. One medium-sized (500 MW) conventional coal-fired plant emits approx. 3.2 to 4.0 MMT CO2 a year.
5. One billion square feet of existing building area in the US is responsible for approx. 7.68 MMT CO2/yr.
6. Home Depot: Home Depot has funded the planting of 300,000 trees in cities across the US. Each tree will absorb and store approx. one-third of a ton of CO2 over its lifetime.
7. Wal-Mart: Wal-Mart, the largest "private" purchaser of electricity in the world is investing half a billion dollars to reduce the energy consumption and greenhouse gas (GHG) emissions of their existing buildings by 20% over the next 7 years. "As one of the largest companies in the world, with an expanding global presence, environmental problems are our problems," said CEO Lee Scott.
 - a. Total US building area for all Wal-Mart Supercenters: 437,019,000 square feet (sf).
 - b. Total US building area for all Wal-Mart stores: 630,494,000 square feet (sf).
8. Every Household:
 - a. There are 110 million households in the US today.
 - b. Changing one 60-watt incandescent light bulb to a compact fluorescent saves approx. 156.6 pounds of CO2 each year.
9. Education:

a. The Campus Climate Challenge, a growing student movement in the US, states that global warming...is our problem, and it's up to us to solve it, starting right here on campus, right now."

b. Assumption: 3.5 billion sf of existing college campus building in the US.

10. California:

a. California, which makes up over 10% of the country's new vehicle market, passed legislation to cut GHG emissions in new cars by 25% and in SUVs by 18%, starting in 2009.

b. A 25% reduction of emissions in cars and 18% in SUV's sold in California in 2009 is approx. 2.3 MMT CO₂.

11. ME, VT, NH, MA, CT, RI, NY, PA, NJ, DE, MD: The Regional Greenhouse Gas Initiative (RGGI) is a "cap and trade" cooperative effort by eleven Northeastern and Mid-Atlantic states to reduce their carbon dioxide emissions to 1990 levels by 2014.

a. Carbon dioxide emissions in 1990 equal 842.04 MMT CO₂.

b. Carbon Dioxide emissions in 2003 equal 889.42 MMT CO₂.

12. Real GDP (Year 2000 dollars) in 1973 was \$4.341 trillion and in 1983, \$5.423 trillion. (Source: Economic History Services)

13. Number of vehicles in operation in 1973 was 111.217 million and in 1983, 147.104 million. (Source: US Energy Information Administration)

14. From 1973 to 1983 approx. 19.7 billion square feet (bsf) of residential building and 13.3 bsf of commercial building were built. (Source: US Census, EIA)

15. Total US energy consumption in 1973 was 75.7 quadrillion btu (Qbtu) and in 1983, 73.0 Qbtu. (Source: EIA)

16. Total US CO₂ emissions in 1973 was 4685 million metric tons (MMT) and in 1983, 4331 MMT. (Source: EIA)

To download a printable pdf version of this page, see <http://www.architecture2030.org/pdfs/NewYorkerAd.pdf>

* Cutting Edge Research: http://www.architecture2030.org/current_situation/cutting_edge.html

* Coastal Impact Study http://www.architecture2030.org/current_situation/coastal_impact.html

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9. New 200 kW Fuel Cell Installed at Fujitsu, Sunnyvale

http://news.com.com/2300-11392_3-6203260-1.html?tag=ne.gall.pg

August 17, 2007: Fujitsu has installed a UTC PureCell system model 200 that produces 200 kilowatts of assured power, plus up to 925,000 Btus/hour of heat for an overall combined-heat-and-power efficiency of up to 85 percent. The expected payback is less than four years. It meets the most stringent air emissions standards as set by the California Air Resources Board (CARB 07). Although it utilizes natural gas, it produces 35 percent less CO2 per megawatt-hour than the average fossil fuel-based power plant, and approximately 4,000 lbs per year less NOx, the equivalent of taking more than 100 average passenger cars off the road. The system has a low sound profile at 60 decibels at 30 feet, and emits no ozone-depleting fluorocarbons.

10. West Coast Green coming to S.F. Sept 20-27

<http://westcoastgreen.com/program/index.php>

Including: Green Modular Home (mkLotus) arrives for display in S.F. on Sept 20th.

The mkLotus is the latest and most anticipated design by celebrated architect Michelle Kaufmann of Michelle Kaufmann Designs. Built by XtremeHomes this 725 square foot home will arrive complete with a green roof, solar panels, LED lights and a rainwater catchment system. The surrounding decks and walkways are made of composite materials with extensive native landscaping by Late Afternoon Garden Designs.

For three days only, Civic Center Plaza in downtown San Francisco will witness an entire home materialize, including an inviting backyard retreat with chaise lounges. The mkLotus is factory-built by XtremeHomes to ENERGY STAR®, Build It Green®, and LEED® standards of excellence in energy efficiency.

To see all of the green features <<http://cts.vresp.com/c/?WestCoastGreen/0b9cb30641/15ba7a3752/8beb16779b>>click here. This unusual visitor is in town for the West Coast Green conference.

Google has placed the mkLotus home on Google Earth for your viewing pleasure. Fly in from space and tour the house - even the interior! Impressed? Good news! At the conference, Google Earth experts can demonstrate how to utilize SketchUp for all your own projects.

Come talk to the architect and builder and find out why pre-fab is green

Your Full Conference or Homeowner Day (Sept 22) Pass allows you to tour the Showhouse and provides the opportunity to hear Michelle Kaufmann speak about her latest creation!

West Coast Green will not turn anyone away for lack of funds. To inquire about our volunteer work exchange opportunities, please <<http://cts.vresp.com/c/?WestCoastGreen/0b9cb30641/15ba7a3752/acf1ef7cac>>click here.

10.5 And, Solar Power 2007 coming to Long Beach, Sept 24-27

<http://www.solarpowerconference.com/registration/information/>

11. Ground broken for new 285MW IGCC "clean" coal plant

ORLANDO, Fla., Sept 10, 2007 /PRNewswire-FirstCall

Officials representing the U.S. Department of Energy (DOE), Southern Company, KBR Inc. and the Orlando Utilities Commission (OUC) today broke ground to begin construction of an advanced 285-megawatt integrated gasification combined cycle (IGCC) facility near Orlando, Fla. Commercial operation is scheduled for June 2010.

The Stanton unit, which is part of President Bush's Clean Coal Power Initiative, will turn coal into synthetic gas for generating electricity, while significantly reducing emissions of sulfur dioxide, nitrogen oxides and mercury. It also will produce 20-25 percent less carbon dioxide emissions than our existing pulverized coal plants and consume approximately half the water required by a pulverized coal plant.

12. Community College Going "Off Grid?" with 1 MW Solar Project

August 31, 2007 Officials at East Los Angeles College (ELAC) announced the commencement of a 1 MW, \$9 million PV project projected to harvest nearly enough energy to meet the college's daytime electricity needs.

The ambitious renewable energy project at ELAC is the first milestone for the Los Angeles Community College District (LACCD) as it moves toward taking all nine of its colleges off the grid. Construction of the project is expected to be completed by year-end.

Future renewable energy plans for ELAC to make it entirely energy independent include using excess electrical energy to convert water into oxygen and hydrogen, using the hydrogen to power fuel cells for evening electricity needs. The other eight Los Angeles Community Colleges will follow suit soon with similar projects for their respective energy plans.

The project will be "Design-Built" by Chevron Energy Solutions under a 20-year Power Solar Service Agreement with the LACCD.

13. Our own Jon Koomey speaking at an Ecology Project International event. Oct 21, S.F.

Jon Koomey will be speaking at an October 21st, 2007 fundraiser for a great non-profit called

<http://www.ecologyproject.org/english/index.html>Ecology Project International: "Facing the climate challenge" will focus on what you as a person and we as a society can do to reduce greenhouse gas emissions and put the world on a more sustainable path.

The evening will begin with a wine tasting sponsored by <http://www.powerhoused.com> />PowerHouse Reds, and include delicious organic food and a silent auction. All proceeds for the evening will benefit Ecology Project International, and make an impact by supporting EPI's innovative programs connecting students, scientists, and environmental issues.

Jon has been excited about EPI since its founding, and has participated in three trips to visit its research sites since 2003. At each location (Costa Rica, Galapagos, and Baja) he saw firsthand how bringing together high school and college kids from the US and Central/South America can change the way young minds look at the natural world. The model EPI uses, combining education and scientific research, is one that can have a powerful impact on the future, and it's an example of the kind of societal innovation we'll need if we are to make a real transition to a sustainable world.

Sunday, October 21, 2007

6 to 9 p.m.

The Golden Gate Room at Fort Mason

San Francisco

Can you let Kate (<mailto:kate@ecologyproject.org>>kate@ecologyproject.org) know if you can make it? We're trying to get an accurate count. Tickets for the event are \$65, and include the wine tasting, great food, and a thought provoking speech from Jon.

To RSVP just email Kate at <mailto:kate@ecologyproject.org>>kate@ecologyproject.org. To purchase tickets:

1. Use the following <http://www.justgive.org/nonprofits/donate.jsp?ein=91-2163952>>donation link and Designate your Donation for the Fall Fundraiser (if you can't be there, we'd still welcome a donation!)
2. Make a Paypal payment to <mailto:event@ecologyproject.org>>event@ecologyproject.org.
3. Send a check in the mail to EPI, PO Box 9192, Missoula, MT 59807

Hope to see you in October!

Jon

14. GRID Alternatives September PV Installation Schedule:

For a calendar of events on our website visit:

<http://www.gridalternatives.org/event>

*****VOLUNTEER TRAINING SESSIONS*****

Attendance at one of our volunteer training sessions is mandatory. If you have previously attended a training, you do not need to attend another.

Thursday, September 20 - 6pm to 9pm - San Francisco

GRID Alternatives Offices

995 Market St, Ste 801,

San Francisco, 94103

Online Map: <http://tinyurl.com/2h9fml>

Saturday, September 29 - 9AM to 12pm - Oakland

Location to be determined. Contact GRID Alternatives

if you are interested in attending and information on

the specific location will be provided when it is available.

SOLAR INSTALLATION WORKDAYS

Volunteer for one or more days, it's your choice. You do not need to volunteer for consecutive days. All workdays begin at 8:30am and finish up around 4:30pm. Specific addresses will be provided after you've RSVP'd.

Wednesday and Thursday, September 4-5 - Oakland

These will be preparatory days involving the installation of rails and conduit for a larger event. Solar panels will not be installed on these days.

Saturday and Sunday, September 8-9 - Santa Cruz

Rescheduled from last month. Half of the roster is already filled with volunteers from the previously cancelled dates.

SOLARTHON 2007

Saturday, October 6 - Solarthon.

We still have a small number of spaces still available for participants. For more information, or to register, visit the SOLARTHON 2007 website at:

<http://www.gridalternatives.org/solarthon>

JOBS JOBS JOBS R US JOBS JOBS

15. Faculty Slot at Stanford: Renewable and Efficient Energy Systems

STANFORD UNIVERSITY's Department of Civil and Environmental Engineering and the Woods Institute for the Environment invite applications for a tenure-track faculty position in Renewable and Efficient Energy Systems. We seek individuals who will pursue pioneering and high-impact research in non-polluting renewable energy systems (including wind, solar, tidal, hydroelectric, biofuels, hydrogen from renewables, etc.), energy efficiency, building energy systems, and/or distributed generation. Research areas of interest include but are not limited to reducing barriers to or developing new technologies for the large-scale implementation of renewables, integrating renewable energy and distributed generation with existing utilities, integrating renewables into city and rural infrastructure, designing smart buildings, implementing renewable energy in developing countries, improving end-use efficiency and/or the efficiency of energy technologies, and quantifying the availability of natural energy sources. We are particularly interested in candidates with a clear interest in interdisciplinary collaboration and the policy implications of their research. The teaching commitment of the successful candidate will be divided between classes in Civil and Environmental Engineering, and those supporting our interdisciplinary teaching programs in the environment and energy area such as the Interdisciplinary Graduate Program in Environment and Resources (<http://iper.stanford.edu>).

The appointment will be at the Assistant Professor or untenured Associate Professor level. Applications should include a Curriculum Vitae, a list of Publications, one-page statements of Research Vision and Teaching Interests, and the names of five References. Please submit these materials as an Adobe Acrobat file labeled "LastName_FirstName_Energy_Search.pdf" to ceesearch@lists.stanford.edu.

For additional information contact Professor Lynn Hildemann [hildemann@stanford.edu]. The review of applications will begin on January 2, 2008; however, applications will be accepted until the position is filled. Information about the Department of Civil and Environmental Engineering and

the Woods Institute for the Environment can be found at <http://cee.stanford.edu> and <http://woods.stanford.edu>, respectively. Stanford University is an equal opportunity, affirmative action employer.

Hey, maybe I can retire again.... :)

16. Three Faculty Positions in Sustainable Energy at Tufts University:

<<http://rs6.net/tn.jsp?t=lfqpsecab.0.lxxpsecab.ypfrgybab.986&ts=S0277&p=http%3A%2F%2Fwww.higheredjobs.com%2Fsearch%2Fdetails.cfm%3FJobCode%3D175264592>>Prof. of Sustainable Energy, Chemical and Biological Engineering, Tufts University

The Department of Chemical and Biological Engineering at Tufts University seeks a tenure-track faculty member with a focus on sustainable energy, including but not limited to the areas of clean technologies, environmental catalysis and reaction engineering, fuel processing and fuel cells, advanced materials for energy and systems engineering approaches for energy and sustainability. Review of applications will begin immediately and continue until the position is filled.

<<http://rs6.net/tn.jsp?t=lfqpsecab.0.mxxpsecab.ypfrgybab.986&ts=S0277&p=http%3A%2F%2Fwww.higheredjobs.com%2Fsearch%2Fdetails.cfm%3FJobCode%3D175264600>>Prof. of Sustainable Energy, Electrical and Computer Engineering, Tufts University

The Department of Electrical and Computer Engineering at Tufts University seeks a tenure-track faculty member with demonstrated interest in teaching and research related to sustainable energy, including photovoltaics, energy storage systems, power conversion, and energy efficiency. Candidates should possess an earned doctorate in Electrical Engineering or a closely related discipline. Review of applications begins immediately and will continue until the position is filled.

. <<http://rs6.net/tn.jsp?t=lfqpsecab.0.nxxpsecab.ypfrgybab.986&ts=S0277&p=http%3A%2F%2Fwww.higheredjobs.com%2Fsearch%2Fdetails.cfm%3FJobCode%3D175264603>>Prof. of Sustainable Energy, Mechanical Engineering, Tufts University

The Department of Mechanical Engineering at Tufts University seeks a tenure-track faculty member with demonstrated interest in teaching and research related to sustainable energy, including systems engineering of new energy technologies and optimization of existing sources. Candidates should possess an earned doctorate in Mechanical Engineering or a closely related discipline. Review of

applications begins immediately and will continue until the position is filled.

17. Demand Response Management with EnerNOC, S.F.

EnerNOC continues to grow, with over 800MW of demand response under management, and our first international market set to open in the next few weeks. Scott is trying to fill several positions for a team in the Western US.

Business Development Managers <http://www.enernoc.com/jobs/bdm_la.htm>http://www.enernoc.com/jobs/bdm_la.htm

Project Managers <http://www.enernoc.com/jobs/pm_sf.htm>http://www.enernoc.com/jobs/pm_sf.htm

Site Technicians <http://www.enernoc.com/jobs/site_tech_sf.htm>http://www.enernoc.com/jobs/site_tech_sf.htm

Energy Engineers <http://www.enernoc.com/jobs/energy_engineer_nca.htm>http://www.enernoc.com/jobs/energy_engineer_nca.htm

NOC Supervisor <http://www.enernoc.com/jobs/netops_sup_ca.htm>http://www.enernoc.com/jobs/netops_sup_ca.htm

For additional info, contact

Scott McGaraghan - Director of CA Business Development

EnerNOC, Inc. | 594 Howard Street, Suite 400 | San Francisco, CA 94105

o: 415 343 9501 | c: 650 288 8316 | f: 415 343 9551

<<mailto:smcgaraghan@enernoc.com>>smcgaraghan@enernoc.com | <<http://www.enernoc.com>>www.enernoc.com

EnerNOC - get more from energy

18. Director, Environmental Programs, Silicon Valley Leadership Group

The Silicon Valley Leadership Group is a business organization that tracks legislation and regulatory issues, provides education and promotes policies on behalf of its members.

Candidates should email their resumes to Amanda Ballard at aballard@svlg.net.

Develop and implement Environmental policy and program strategies so that Silicon Valley Leadership Group members are able to proactively engage on emerging issues and position their businesses effectively to respond to challenges or opportunities. Engage, educate and coordinate participation of member company representatives on a wide variety of environmental issues.

Act as policy staff to the Leadership Group's Environmental Committee, and various sub-committees: develop agendas, track legislative and regulatory processes, coordinate guest speakers, provide regular updates via newsletters or similar communication.

Synthesize member company positions, directions or priorities and convey those to relevant decision-making entities to advance Leadership Group positions or objectives.

Represent the Leadership Group before a wide variety of local, regional and state government agencies, various policy-making bodies, industry associations, elected officials, regional stakeholder groups, and other common interest groups.

Coordinate workshops and conferences that present in-depth information on current and emerging issues of interest to Leadership Group members and the broader community.

Excellent written, verbal, diplomatic and interpersonal communication skills

Experience coordinating large-scale, complex, multi-stakeholder projects

Ability to work independently, and with a team

Dedicated to professionalism, organization and goal achievement

Thrives in a creative, dynamic and challenging environment

Ability to facilitate discussions between parties with varying points of view and build consensus

Broad knowledge of environmental policy issues; particular familiarity with water, climate and applied chemical management practice and policy would be a plus.

Familiarity with leading edge communication technologies and methods a plus (blogs, WebX, wiki tools, etc.)

At least a Bachelor of Arts or Bachelor of Science degree

At least 3 - 5 years of experience in any of the following: business, industry or public policy related to environmental issues.

19. Job: Energy Engineer at Newcomb Anderson McCormick, San Francisco

Newcomb Anderson McCormick is a highly respected engineering consulting firm located in San Francisco and dedicated to reducing the depletion of the world's natural resources. For 25 years, our team has been devoted to providing the highest quality energy engineering and program management services for the institutional, industrial, and commercial sectors. We provide a wide variety of services related to energy efficiency and renewable energy, from technical site-specific studies to energy program management on the statewide level. Site-specific work includes technical site audits, project scoping studies, and LEED and Energy Star certification. We also provide energy program development and management, technical regulatory compliance review, implementation support, technical quality assurance, and energy engineering services for many of California's largest public institutions and public and municipal utilities.

The opening is for an Energy Engineer at Newcomb Anderson McCormick. We're looking to hire someone with a demonstrated interest in the energy field to do a variety of technical and program management work related to energy efficiency and renewable energy. The ideal candidate for this position has 3 to 5 years experience, with a B.S. in Engineering or related degree, and has outstanding communication skills.

Candidates must possess ability to:

- Work on a variety of projects and tasks related to energy efficiency and renewable energy projects; work may include completing project fieldwork, engineering analysis, and report production.
- Promote renewable energy installations through feasibility studies, project scoping, and

implementation support.

- Review energy efficiency projects and calculations.
- Document program policies, project team decisions, meeting minutes, action items, milestones, and schedules.
- Support various utility program management teams, and assist with project analysis and program tracking.
- Use critical thinking during project analysis and contribute to program success.
- Prospective candidates must be proficient in MS Office and have outstanding organization and communication skills.

Interested applicants should e-mail resume and cover letter to: <mailto:admin@newcomb.cc>
admin@newcomb.cc.

20. Senior Consultant and Consultant: OnLocation Energy Systems, D.C. area

OnLocation, Inc./Energy Systems Consulting, founded in 1984, is a consulting firm specializing in energy and environmental policy analysis. We are located in Vienna, Virginia, in the Washington, DC area. Our analysis supports government, NGO, and corporate decision makers. We build, maintain and run a variety of computer models to examine potential energy trends, impacts of proposed government policies and the associated financial and economic impacts of energy related investment decisions. Current projects include those examining potential greenhouse gas mitigation strategies, renewable portfolio standards, renewable fuel standards for transportation fuels, vehicle CAFE standards, and various energy efficiency and electricity generation technology R&D portfolios.

We offer a highly competitive compensation and benefits package to candidates wishing to join a small and focused team interested in performing objective quantitative analysis of energy issues.

Seeking a Senior Consultant and Consultant:

Senior Consultant: Candidates with advanced economic analysis and modeling experience including energy simulation, econometric, partial equilibrium and/or general equilibrium models. Strong quantitative and computer skills including MS Office and at least one programming language (e.g., Fortran, VB, .Net). Bachelor's degree in quantitative economics, mathematics, engineering, or other quantitative field. Master's degree a plus. 10+ years experience in quantitative modeling in energy, finance or economic analyses.

Consultant: Similar education and computer skills as Senior Consultant but requiring less than 10 years of related experience.

Contact: Frances Wood, Director, at fwood@onlocationinc.com.

21. Job: Senior Energy Analyst, UCS, Berkeley

The Union of Concerned Scientists (UCS) is seeking a Senior Energy Analyst to focus on renewable energy and global warming issues in California. The Analyst will undertake research and advocacy in

support of renewable energy and climate policies, including implementation of the state's Renewable

Portfolio Standard (RPS) and AB 32, the California Global Warming Solutions Act. Candidates must

have a strong background in the energy field.

UCS is a leading science-based nonprofit organization working for a healthy planet and a safer world.

UCS was founded in 1969 and currently has a membership and activist base of over 100,000, a staff of

100, and offices in Cambridge (MA), Washington (DC), and Berkeley (CA). The Berkeley office

focuses on clean vehicles, renewable energy, and climate change issues.

Responsibilities: Under the direction of the Clean Energy Program Director, and in coordination with the California Climate Program Manager, the Analyst will: Lead program of research, advocacy and outreach to advance development of clean energy in California and provide support for energy sector solutions to global warming in the region. Develop policy and legislative proposals, prepare regulatory and legislative comments and testimony, conduct and supervise analysis to support policy

advocacy. Meet with policymakers, regulators, and stakeholders; represent UCS and its philosophy and positions to the media and at various public forums; play lead role working with regional coalitions. Coordinate and supervise work of Clean Energy staff allocated to the California clean energy project. Provide technical direction of multiple consultants and manage administration of consulting contracts and budgets.

Qualifications: Comprehensive knowledge of energy field, with emphasis on renewable energy, including technologies, policies, and markets. Applicants should possess an advanced degree in engineering, science, economics, public policy, or related field, or equivalent experience. Project management skills and experience; excellent public contact, negotiation, and speaking abilities; and strong quantitative, analytical, and research skills are required. Proficiency with computer spreadsheet and word processing software is necessary.

Experience: Position requires at least five years of progressively responsible experience in energy analysis and advocacy. At least six months of on-the-job training are needed to become familiar with UCS organization, philosophy, sources of foundation support, programs, and constituencies.

Preferred Skills and Experience: Familiarity with electricity transmission policy, global warming issues and policy, and emission cap-and-trade policies is highly desirable. Experience in energy policymaking, advocacy, or regulation is also desirable. Managerial experience preferred. Knowledge of California energy and climate change issues strongly preferred.

Position Details: This position will be based at UCS's Berkeley office. Salary commensurate with experience and training. Excellent benefits. UCS is an equal opportunity employer continually seeking to diversify its staff.

To Apply: Please submit letter, resume, and 1-3 page writing sample by September 21, 2007 via email to cleanenergy@ucsusa.org with a subject line of "California Energy Analyst." No calls please.

www.ucsusa.org | 2397 Shattuck Avenue, Suite 203 * Berkeley, CA 94704 * 510-843-1872 * FAX: 510-843-3785

22. Senior Analyst/Engineer: Clean Vehicles Program, UCS, Washington, DC

Interest in tackling oil dependence and global warming is at unprecedented levels and the Washington DC office of Union of Concerned Scientists is seeking a Senior Analyst/Engineer to dive into the debate by providing policymakers, media and the public with sound assessments of the benefits, hurdles and possible unintended side effects associated with biofuels and other potentially low carbon fuels.

The UCS Clean Vehicles Program is looking for someone with great analytical and speaking skills to take a major role in research and policy activities that will focus on state and federal biofuels and transportation efforts, including potential mid-western opportunities. The Senior Analyst/Engineer would also be responsible for coordinating these efforts with other UCS programs focused on electricity, food and agriculture.

UCS is a partnership of citizens and scientists working to preserve our health, protect our safety, and enhance our quality of life. UCS was founded in 1969 and currently has a membership and activist base of over 250,000, a staff of 100, and offices in Cambridge (MA), Washington (DC), and Berkeley (CA).

For more information, please go to: http://www.ucsusa.org/ucs/about/jobs-at-ucs.html#Senior_AnalystEngineer

If you cannot submit your resume by September 14, please apply as soon as possible thereafter as we will keep the position open to good candidates until it is filled.

23. Building Science Engineer: Architectural Energy Corp. Boulder, CO

Architectural Energy Corporation is looking for a Building Science Engineer (Staff Engineer II level) for its Building Science Business Area Team. Building Science engineers use advanced engineering analysis and testing methods to evaluate energy efficiency technologies, including high efficiency lighting and HVAC systems, core daylighting systems, foodservice equipment, phase change storage materials, active and passive solar energy systems, and photovoltaic pumping and power systems. This position requires a Bachelor's Degree in engineering from an ABET accredited curriculum, or equivalent; and a Graduate Degree or equivalent experience in a professional position, plus appropriate continuing education. A good candidate will also be a member of a technical society, and have published engineering papers, articles, and textbooks; or made presentations, given lectures, or provided training; s/he also should have six to eight years of full-time professional experience.

Laurel Van Driest

Office Administrator

Architectural Energy Corporation

2540 Frontier Avenue, Suite 201

Boulder, Colorado 80301

E-mail: lvandriest@archenergy.com

Direct phone: 303-459-7418

Direct fax: 303-459-7399

Main phone: 303-444-4149 x418

Main fax: 303-444-4304

24. Energy Simulation Specialist with Sebesta Blomberg in Woburn, MA .

Sebesta Blomberg & Associates is an employee-owned, engineering consulting firm founded in 1994 by the six principals and has over 250 employees with offices in Minneapolis, Detroit, Chicago, Boston, Washington D.C., Dallas, Cedar Rapids and Shanghai China, and ranks as an ENR Top 500 engineering firm in addition to one of the top 50 Fastest Growing Firms in the state of Minnesota.

We are looking for a mechanical engineer who is passionate about sustainability and energy efficiency to join our efforts and work with engineers, contractors and stakeholders to provide building commissioning, energy efficiency and sustainable design services to the commercial building sector.

The successful candidate will be a mechanical engineer who shares our mission of providing technical solutions to help promote a more sustainable society by helping create higher quality and more energy efficient buildings.

A minimum of a mechanical engineering bachelor degree is required, a graduate degree is beneficial.

An understanding of building energy systems, building commissioning, energy simulations and green building technologies is beneficial.

Knowledge and experience working with building heating, ventilation and air conditioning systems is also desirable.

Candidates must have good technical writing and communication skills and be motivated to learn about sustainable practices in commercial buildings. Two years or more working experience as a mechanical engineer is beneficial.

To apply for this position, please visit our website at <http://www.sebesta.com/> or contact:

Mary Blank

Recruiting Manager

Sebesta Blomberg

651-634-7304-office

651-634-7449-Fax

25. Power Analyst: Point Carbon, Washington, DC

Expanding our operations in the United States, positions are available in power analysis.

Point Carbon's Washington, DC office was established in September 2006 and will provide news and analysis coverage of the US power and natural gas markets, as well as the emerging North American greenhouse gas markets. Point Carbon is looking to add analysts to its power analysis group. The power analysis group delivers daily fundamental analyses and forecasts for regional power markets. The analyses are published in real-time via the internet and are tailored to the needs of traders and analysts.

MAIN TASKS AND RESPONSIBILITIES

- Design and build analysis and forecasting tools for the PJM and other power markets
- Development and maintenance of models based on fundamental data including load models, nuclear outage models, wind models, hydrological models, price forecasting models
- Project management
- Customer contact and discussion
- Identification and implementation of new products

QUALIFICATIONS

- Undergraduate or Masters degree with background in mathematics, statistics or economics
- Minimum of 1-2 years experience working in energy or other financial markets
- Strong academic record
- Excellent understanding of traded markets
- Good working knowledge of analytical tools such as GAMS, Excel, Matlab, etc.
- Outstanding analytical skills

- Systematic and result oriented
- Excellent teamwork and communication skills

These positions are open only to US citizens or permanent residents. Point Carbon is currently not hiring for carbon related positions.

For more information about Point Carbon please visit <<http://www.pointcarbon.com/>> www.pointcarbon.com . For more information about the position or to apply please email Poonum Agrawal at <<mailto:pa@pointcarbon.com>> pa@pointcarbon.com.

26. Regional Director, The Climate Group, Oakland, CA

The Climate Group is seeking a highly motivated experience leader to work with, manage and further its key business and partner relations on the West Coast of North America. The Regional Director will manage the West Coast office and conduct direct outreach to, and interact with corporate and government leaders in the areas of emissions reductions target setting, energy efficiency, carbon markets, and offsets as well as technically assist our partners in articulating and implementing climate strategy. Reporting to the North American Director, you will be part of the North American management team. The role presents an opportunity for a dynamic individual to work in a highly successful NGO recognized for its work by Science and Time magazines.

ABOUT US

The Climate Group is an international NGO with offices in the UK, US, China, India and Australia that works to promote leadership in response to global climate change. Our core membership coalition includes many of the world's most influential corporations and governments on the issue of climate change. We also work with leadership groups in specific sectors; produce ground-breaking research; and raise awareness through high-profile events and superb media relations. We demonstrate that tackling climate change can yield economic benefits, and we offer strategies for identifying and capitalizing on those benefits.

ABOUT THE ROLE

The Regional Director will have an opportunity to affect change in the world class organizations we work with and have a role in implementing The Climate Group's US national strategy with corporate and government leaders. The Regional Director will need to take direction from the North American Director as well as collaborate closely with the US and UK teams and is expected to carry out the following tasks:

- ü US and Canadian outreach: to identify, collaborate with and serve as liaison with leaders in Government in the Western US states and Canadian Provinces.
- ü Relationship management, recruitment and maintenance of our North American government membership base, in particular the State of California
- ü Management of The Climate Group's West Coast office
- ü Respond to information requests and provide technical and advisory assistance to our partners in areas such as climate change policy, emissions target setting, communicating climate activities and carbon neutrality.
- ü Contribute to the demands of running a small organization in a dynamic, fast-moving environment.
- ü Make presentations and represent The Climate Group at forums, workshops, other events
- ü Budget management for the office and specific projects

ABOUT YOU

The Regional Director will play a key role developing the organization and will lead on initiatives vital to The Climate Group's success. The ideal candidate will have significant experience working on climate change issues in the public and/or private sector. You may be a generalist or have a particular expertise. You will understand both clean air/climate policy frameworks and implementation of GHG emissions reduction programs, and be comfortable with both strategy and detail. A strong communicator you will be comfortable both writing and speaking to a wide range of audiences. You are an effective networker with an established wide network of contacts in business and government. You must be a strong manager and administrator capable of both working under your own initiative and as part of a team. You share our passion and commitment to the issue of climate change and possess demonstrable climate and energy accomplishments. The position will be based in California, but there will be some travel. Remuneration will be commensurate with experience.

NEXT STEPS

Interested candidates should email a CV and covering letter outlining details of current remuneration to: Leah Erdos: Lerdos@theclimategroup.org

The fClimate Group® is a registered charity in the UK (The Climate Change Organization, Charity No. 1102909), a registered 501(c)(3) in the USA, and strives to be an equal opportunities employer. www.theclimategroup.org

www.theclimategroup.org

27. Program Manager at The Alliance for Climate Protection, Palo 'Alto

The Alliance is looking for a Program Manager to develop and implement campaigns and projects out of our Palo Alto, CA headquarters. Founded last year by Al Gore, who now chairs our board of directors, the Alliance is commencing an historic campaign to persuade people from all walks of life of the urgency and solvability of the climate crisis. Combining global mass media, new media and grassroots activities, we are aiming to ignite actions by individuals and leaders alike. The ideal candidate is smart, well-organized, and communications-savvy, with a strong commitment to investing the next several years of his/her working life to addressing climate change. This Alliance Program Manager will be focused on developing and implementing programs to creatively communicate to audiences that haven't historically been engaged in the climate issue.

We are looking for someone with a couple years of experience in communications, marketing, program development and/or organizing. We are not seeking an analyst or researcher. Salary is commensurate with experience. Interested candidates should send a resume and cover letter to info@climateprotect.org with "Program Manager" in the subject line. Take your skills, experience, and enthusiasm and apply them to the most important challenge we have ever faced!

--

Erin Kassoy

Solutions Development and Analysis

Alliance for Climate Protection

120 Hawthorne Ave., Suite 102

Palo Alto, CA 94301

<mailto:erin.kassoy@climateprotect.org>erin.kassoy@climateprotect.org

Office: (650) 566-9730/ Cell: (650) 863-4811

Fax: (650) 566-9736

28. Energy Efficiency Evaluation Consultant, PA Consulting, S.F.

PA Consulting Group is an independent, employee-owned, global firm of 3,000 talented individuals, operating from offices across the world, in Europe, North America, Latin America, Asia, and Oceania. We are looking to fill the following position in this growing practice in our San Francisco office:

Energy Efficiency Evaluation Specialist. This position requires an individual with strong analytical skills, educational or work experience in social science or public policy research, training in applied statistics or econometrics, and familiarity with one or more high level statistical programming languages such as SAS.

The successful candidate will assist with the design and execution of a range of program evaluations, policy studies, market assessments and customer research projects for public and private sector clients. Successful candidates will have, and should be prepared for, the opportunity to travel extensively both within the US and internationally.

Experience with evaluation and related research for energy programs is highly desirable. Ideally, candidates will possess an advanced degree in social science research, economics, policy research, market research, or related field. Additional desirable experience includes cost/benefit analyses and modeling, experience analyzing a wide range of primary and secondary data, including survey datasets; strong knowledge of statistical packages; and excellent writing and communication skills.

To apply, please email your resume to idsresumes@paconsulting.com quoting reference PAEEES0807.

At PA you will be part of a truly multi-cultural, global workforce, which creates a unique blend of

perspectives that we incorporate into all our work. We offer an unsurpassed portfolio of services in both the private and public sector.

PA Consulting Group is an equal opportunity employer.

29. Associate Position: Energy Investment VC, Altira Group, Denver

Altira Group is the leading energy venture capital firm making equity investments in energy technology, with an investment focus on natural resources, clean energy and electric power. Altira was founded in 1996 and has recently closed its fifth venture fund. Altira is seeking exceptional individuals with the background, motivation and entrepreneurial drive to participate in growing the leading energy technology venture capital firm to its next level. Candidates considering applying for any position should be well qualified, hard working and dedicated to growing themselves professionally in a team oriented, collaborative environment. For more information, visit www.altiragroup.com.

Qualifications:

- * Five years of applicable work experience
- * Technical undergraduate degree
- * Preference for operational experience
- * Superior financial/analytical skills and strategic aptitude
- * Strong interpersonal skills
- * MBA from a top graduate program
- * Desire to work and grow in a small, collaborative work environment

Responsibilities:

- * Evaluate investment opportunities
- * Assist in investment deal due diligence: research, analytical assistance
- * Perform various financial reviews
- * General and technical research drafting

- * Various other transaction and investment related duties
- * Assist in partnership administration
- * Assist in strategic and operational planning for portfolio companies
- * Assist in sourcing investment opportunities

Contact: Send resumes to employment@altiragroup.com.

30. California Legislature Position with Assemblymember Jared Huffman

Dear Friends in the Environmental Community,

My terrific Legislative Aide, Rebecca Darling, will be leaving Team Huffman in a few weeks, to spend the next two years in Mongolia promoting responsible environmental policies. Rebecca has done much of the key staff work this year on my environmental bills, including serving as my "go to" staffer on global warming and energy issues.

I need to get an early jump filling this position so that my policy team doesn't miss a beat heading into the next legislative session. I plan a heavy load of environmental bills next year and the person we hire will end up staffing many of them. Please share this posting with anyone who is qualified and might be interested; or if you have any specific leads, please pass them along to me or my Chief of Staff, Debra Gravert (whose email is below). This job will be a great

experience for the right person. They will need to have good environmental policy experience and be able to fit into the collegial, motivated, and highly professional team we've assembled in the Capitol office. This is a full-time position, in Sacramento, with great benefits but unfortunately a "legislative" salary - i.e., less than what I'd like to be able to offer (it probably starts in the low 40's).

Thanks for your help spreading the word.

Best,

Jared Huffman

Assemblymember, 6th District

Assemblymember Huffman seeks a Legislative Aide. Position requires a minimum of 1-2 years of environmental policy background and knowledge of the legislative process. Capitol experience preferred. Job duties include development of legislative bill package by working with interest groups, executive agencies, and committee staff; drafting bills and amendments; following and analyzing legislation to advise the Member of issues relating to his legislative assignments or constituency; preparing statements, background sheets, position papers, speeches, and background materials; drafting correspondence and press releases; meeting with interest groups and the general public; exercising judgment when speaking or acting on behalf of the Member in a manner consistent with the Member's view. Email resume to

debra.gravert@asm.ca.gov

31. Energy and Resources Team Leader, Rocky Mountain Institute, Boulder, CO

In addition to the Senior Consultant, Consultant, Analyst, and Intern positions at Rocky Mountain Institute sent out last time, there is also a position open for Team Leader of their Energy and Resources Team.

Interested folks who want to learn more about experience and qualifications check the RMI website: www.rmi.org

POSITION AVAILABILITY: Team Leader

You'll be responsible for engaging, developing, and consulting to clients and donors. The Team

Leader must be the team's primary thought leader, leading and supporting team members in the

creation of intellectual capital.

You will also develop and implement ERT strategies, have full responsibility for ERT's financial

performance and other resources, develop the team internally and externally, and track team

progress.

Your strategies and implementation will complement initiatives described in Small is Profitable

(www.smallisprofitable.org) and other RMI publications. This position will report to the CEO.

QUALIFICATIONS AND EXPERIENCE:

We require a graduate degree or substantial, equivalent experience in any one or a combination of

the following:

- * Engineering: mechanical, energy, electrical, civil.
- * Economics.
- * Mathematics/statistics.
- * Finance/business.

Candidate must have at least 12 years' experience in one or more of the teams' focus areas as well as

a strong record in consulting and project management.

LOCATION: Boulder, Colorado

HOW TO APPLY:

If you feel you're qualified we'd like to consider you for this position. Please contact us by e-mail

(attaching your resume as a Word document) or faxing your resume to us.

Applications should be sent to:

E-mail: drothstein@rmi.org

Fax: (970) 927-3420, Attn: David Rothstein, Human Resources Director

32. Associate/Analyst - Alternative Energy Investment Fund, (NJ, NYC metro area)

Hudson Clean Energy Partners: Recently launched private equity fund focused on Renewable Energy seeks Analyst/Associate for buy-side transactional support.

The Firm: Three Founding Partners with long history of collaboration and unparalleled principal investment track record as leadership of high-profile Alternative Energy Investments team at bulge bracket investment bank. Headquarters in Northern New Jersey, within New York metropolitan area.

Position Overview:

- Financial modeling, quantitative and risk analysis
- Market and industry research
- Screening of investment opportunities
- Support in due diligence and preparation of investment memoranda

Qualifications:

Highly analytic thinker with strong quantitative abilities, financial modeling and valuation experience, effective oral/written communication skills, and familiarity with basic tax and accounting concepts. Knowledge of alternative energy technologies, markets and incentive programs is a definite plus. Analyst position requires BA with excellent academic record and 1-3 years of work experience. Associate requires MBA, CFA or 4+ years of experience in financial services, energy or alternative energy.

Contact:

jobs@hudsoncapitalmanagement.com

33. Program Manager, Harvesting Clean Energy, Olympia, WA

<http://media.whatcounts.com/onenw_climatesolutions/Harvest.jpg>

Climate Solutions now seeks an outgoing, energetic, self-motivated and outcome-oriented individual to serve as Program Manager for our Harvesting Clean Energy Program. Climate Solutions' Harvesting Clean Energy program reaches across the urban-rural divide in the Pacific Northwest to cultivate common ground with a simple shared goal: to foster rural economic development through clean energy production. The program brings together important private and public sector leaders from the agriculture, rural development, energy, university and non-profit sectors. Climate Solutions is a \$1+ million/year and growing operation with offices in Olympia and Seattle.

<<http://whatcounts.com/t?r=612&c=1013932&l=41665&ctl=19779C5:8CEDC893BDE1300CA897CF25EADD7F8A67B638AD33A9C103>>

* Serve as the primary representative of the program, fostering the collaborative spirit among the full spectrum of partner organizations.

* Develop strong subject matter expertise on key issues at the center of policy and commercial developments affecting rural clean energy in the Northwest. Inform internal strategy discussions, make public presentations and speak with reporters.

* Provide substantial operational support to our signature annual event -- the HCE Conference.

* Operate as primary liaison to the agriculture and rural communities for CS policy campaigns, helping ensure policy proposals will benefit rural communities and coordinating policy engagement of rural and agriculture leaders for CS campaigns. Part of this function is to ensure up-to-date relationship tracking and data base management.

* Contribute increasingly to program communications, ranging from our weekly "HCE Report" on NW Ag Information Radio Network, to cultivating a fresh stream of blog entries at the HCE Journal, to media work in cooperation with our Communications Director.

Qualifications

Education: BA degree or equivalent experience is required.

Experience: Minimum 5 years of directly relevant experience

- * Proven success working with coalitions and varied personality types
- * Experience in policy analysis and advocacy
- * Public speaking and media work
- * Strong working knowledge of energy and/or rural issues
- * Previous work in the non-profit sector is preferred

Competitive salary with generous vacation policy and full health/vision/dental coverage for employee.

To Apply: Send cover letter, resume, writing sample, and three references - package not to exceed 7 pages -- via email (as attachments) or fax to:

Shannon Sedgwick: shannon@climatesolutions.org (Please put Harvesting Clean Energy Program Manager in the subject line); Fax: 360.943.4977 <mailto:suzanne@climatesolutions.org>

NO CALLS Job announcement closes on Oct. 5, 2007. Resumes submitted after that date may not be accepted.

<<http://whatcounts.com/t?r=612&c=1013932&l=41665&ctl=19779C7:8CEDC893BDE1300CA897CF25EADD7F8A67B638AD33A9C103>>

34. Energy Analyst/Consultant: Environmental Market Solutions, Washington DC

Environmental Market Solutions, Inc (EMSI) is a professional green building and sustainable design consulting firm with offices in Washington DC and Springfield, Missouri as well as Beijing and Shanghai, China. We provide planning, architectural, and engineering services that focus on creating energy efficient, resource conscious,

healthy and productive buildings and neighborhood developments. Our mission is to foster a global sustainable built environment - striving to create developments that are economically profitable and environmentally responsible. EMSI is an established leader in sustainable design consulting internationally, with more than 100 projects in 6 countries.

Environmental Market Solutions, Inc (EMSI) is seeking a full-time Energy Consultant / Energy Analyst to support current and future work in the US and abroad. The Energy Consultant / Energy Analyst will be involved in multiple project types, ranging from commercial office to retail developments to R&D laboratories and schools K-12. A minimum of a Bachelor of Science, preferably in Mechanical Engineering with a fundamental background in design of mechanical systems (HVAC) and 3-5 years of experience, specifically in energy optimization design/consulting and building energy simulation using eQUEST or comparable building simulation program. Responsibilities include:

1. Project Management - coordinating and managing projects (tasks, deliverables, schedules, sub-consultants, and other members of our team).
2. Energy Optimization Services - development of advanced building performance strategies (energy, daylighting, and sun-control) and energy simulation and daylighting analysis
3. LEED Consulting/Coordination - focusing on energy and engineering
4. Strategic Development - guiding and directing energy optimization services for the US and China (and other potential markets)

Moderate travel is anticipated to support this position, including 1-2 trips per year to

China to guide and support our offices/projects in China. The position is open to either US office locations.

Please contact Jason Hainline (jhainline@emsi-green.com or tel: 417.831.3538) Vice President of Sustainable Design & Development Services for more information or to submit a resume.

Virdiansyah "Virdi" Permana

EMSI

Energy Analyst

(202) 291 3102 T

(202) 291 3107 F

35. Renewable Energy Consultant, Black & Veitch, Walnut Creek, Ca

Wide variety of diverse assignments including: resource assessment, due diligence, siting, feasibility studies, new technology evaluation, project proposal evaluation, market assessments, strategic planning, policy evaluation, and pro forma economic analysis.

Are you a Renewable Energy Consultant (CES) interested in a challenging position and Building a World of Difference?

If so, Black & Veitch has an opportunity located in Walnut Creek, CA that may be just what you're looking for.

Key responsibilities of this position include:

- Support the performance of renewable energy projects covering multiple technologies. Areas of emphasis may include: multidisciplinary renewable energy portfolios including biomass, wind, geothermal, solar, hydro, and ocean technologies.
- Wide variety of diverse assignments including: resource assessment, due diligence, siting, feasibility studies, new technology evaluation, project proposal evaluation, market assessments, strategic planning, policy evaluation, and pro forma economic analysis.
- Interaction with clients including: utilities, energy project developers, financial institutions, energy end-users, investors, government agencies, and other organizations.
- Lead and contribute to authorship of reports, studies, and proposals.
- Develop technical and economic analyses of projects and technologies using models built in Microsoft Excel.
- Coordinate work with others in multidisciplinary teams.
- Identify and understand client issues, and work collaboratively to develop and communicate creative solutions.
- Assess regulatory, technical, and market issues to evaluate competitive dynamics of various resource options.
- Manage data and prepare periodic analysis updates.
- Perform research including literature reviews, telephone calls, and internet-based research.
- Exposure to all renewable technologies: biomass, wind, geothermal, solar, hydro, etc.
-

The preferred candidate will possess:

- Engineering, Science, Business, or related degree from an ABET accredited university. Masters degree or MBA would be beneficial. Some course work on energy systems, specifically some knowledge of renewable energy technologies preferred.
- Minimum of 5 years experience. Renewable Energy project experience is a plus.
- Excellent verbal and written communication skills.
- Ability to communicate clearly and succinctly through formal reports, presentations, memoranda and e-mail.
- Must be able to function equally well in collaborative, multidiscipline teams, and self-directed independent assignments.
- Must be self-motivated, with an ability to balance multiple projects while working under tight deadlines.
- Should have some experience in renewable energy projects.
- Should have an interest in all renewable energy technologies.
-

To Apply, please visit us at <<http://www.bv.com/careers/>><http://www.bv.com/careers/>. Reference job requisition number 045727.

<<http://www.bv.com/renewables/>><http://www.bv.com/renewables/>

36. Energy Advisor: Franklin Energy, Madison, WI

Franklin Energy, a consulting firm specializing in the implementation of utility and government operated energy efficiency programs, is seeking an Energy Advisor. This position is located in our Madison, Wisconsin office and the application deadline is September 15, 2007.

Primary Responsibilities:

Provide energy advice and coordination services for the Focus on Energy New Construction program. Services are mainly targeted to the multifamily/ mixed use construction market including building owners/developers, management companies, architects, engineers, suppliers and contractors. Introduce the various Focus on Energy incentive programs that pertain to these customer segments. Both electric and natural gas measures are involved:

- ◆ Promote the Focus on Energy New Construction Program in Wisconsin.
- ◆ Work with business and building owners to provide energy efficiency advice and assistance in participating in the statewide energy efficiency program;
- ◆ Identify and document opportunities for energy efficiency in multifamily and commercial new construction projects and provide follow-up if required;
- ◆ Work with various members of the design team to provide program information and advise them on program requirements and technical information;
- ◆ Enter data into spreadsheets, databases and create energy building simulation models to determine energy savings and to manage current projects;
- ◆ Be able to work in a team atmosphere, willing to collaborate on continuous improvement.

Qualifications: Engineering or Architectural college degree preferred; technical degree or equivalent experience required.

Skills & Experience:

- ◆ At least two years of work experience either in construction or energy efficiency;
- ◆ Experience in customer service, sales, and/or field work preferred;
- ◆ Background preferred in one or more of the following: Building Science, building maintenance, HVAC, lighting, controls, building envelop / weatherization, or related fields;
- ◆ Be able to work with or learn various software programs to perform building energy simulation analysis including Trane Trace or Equest for new construction projects.
- ◆ Building simulation experience or HVAC system design experience preferred;
- ◆ Valid driver's license and reliable transportation as travel is required throughout Wisconsin.

This is a full-time salaried position with benefits. Compensation based on experience.

We offer a competitive salary, bonus & benefits commensurate with experience. Please forward your resume and salary history to:

Attn: HR Department

403 W Foster St., Port Washington, WI 53074

Fax #262-284-4003 or email <<mailto:bobbi@franklinenergy.com>>bobbi@franklinenergy.com

No phone calls please

PLEASE NOTE OUR NEW ADDRESS!

Sharon Gould, P.E., LEED® AP, CEM

New Construction Project Manager

Franklin Energy/Focus on Energy

211 S. Paterson Street, Suite 320

Madison, WI 53703

Ph: 608-310-6910/888-201-4061

Cell: 608-669-1687

Fax: 608-310-6909

Email: sgould@franklinenergy.com

Visit our website at: <http://www.focusonenergy.com/>www.focusonenergy.com

37. Marketing, product managers, etc. at Positive Energy in D.C.

This is a unique opportunity to do serious good and make a lot of money at the same time. Our founders are seasoned Silicon Valley entrepreneurs with proven track records building innovative products and profitable, rapidly growing businesses. Our investors and board members include leading executives from across the industry (Google, Microsoft, etc).

Positive Energy's revolutionary product is designed to target the half of the global warming equation that not enough people are looking at—efficiency and energy demand. Our approach rests on a sophisticated technology platform to power behavioral science and targeted direct marketing to dramatically drive down consumption. Our Science Board is led by the nation's leading behavioral scientist, whose field-tested studies have consistently reduced energy consumption by 5-10%.

The government and utilities in this country are listening and signing up. With only a

handful of people and less than a year's worth of work, we've been able to land major contracts with utilities.

You will become a part of our small, elite team building our solution. The product you build will change the way millions of people across the country think about and use energy.

Job Openings

Following are descriptions of the job openings we currently have available:

1. VP/Director Marketing
2. Sr. Java Developer
3. Sr. Product Manager
4. Data-mining Engineer
5. QA Manager

Referral Bonus:

We are offering \$3,000 referral bonuses for any referral (direct or indirect) that leads to a hire. So please also pass this on to people who know people who we could hire!

(Ha... tell them energyfolks sent you..!)

For immediate consideration, email your resume: engjobs@positiveenergyusa.com

Daniel Yates

CEO, co-Founder

Positive Energy

c:650-281-8460

<mailto:dan@positiveenergyusa.com>dan@positiveenergyusa.com

38. Senior Advisors for DOE Energy Efficiency and Renewable Energy (EERE)

Assistant Secretary Karsner has a strong desire to make our commercialization activities a permanent feature of EERE. As my team and I are all political appointees, and thus will be re-joining the private sector at the end of the Bush Administration, it is critical for us to bring business-minded individuals on board to continue our efforts to engage the private sector on the most effective methods to deploy renewable energy technologies.

Asst. Secretary Karsner has allocated budget resources for us to fill three new, senior, non-political positions to provide continuity to our activities and to serve as key, senior advisors to Asst. Secretary Karsner for the next year and then to his successor in the next administration.

If you know of anyone who might be interested in these positions, please feel free to have them contact me for further information.

-Brad

Brad Barton

Director of Commercialization

Energy Efficiency and Renewable Energy

U.S. Department of Energy

August 08, 2007 The U. S. Department of Energy (DOE), Office of the Assistant Secretary for Energy Efficiency and Renewable Energy (AS/EERE), Washington, D.C. is seeking up to three (3) motivated and highly qualified individuals to serve as senior advisors for the EERE Commercialization Team that aims to accelerate the commercialization and deployment of EERE

technologies. Areas of focus for EERE include: biomass, solar, hydrogen, wind, geothermal and a wide variety of efficiency technologies.

Title: Senior Advisor (Commercialization of Renewable Energy and Energy Efficiency Technologies), ES-301-00, Limited Term, Not-to-Exceed 3 years

Positions: Up to 3 Positions

Salary Range: \$111,676 - \$154,600 per annum

Location: Washington, DC

To learn more about EERE, visit our website at www.eere.energy.gov.

Duties: The Senior Advisor will advise:

- ... The Assistant Secretary (ASEE),
- ... The Principal Deputy Assistant Secretary (PDAS),
- ... The Chief Operating Officer (COO),
- ... The Director of Commercialization & Deployment,
- ... The Deputy Assistant Secretary for Energy Efficiency (DAS-EE), and
- ... The Deputy Assistant Secretary for Renewable Energy (DAS-RE)

The Senior Advisor's activities will include, but not be limited to:

- ... Directing and managing task force(s) or ad hoc team(s) comprised of federal employees and/or national laboratory employees;
- ... Conducting feasibility studies to assess EERE's ability to increase the delivery of technologies to markets;
- ... Conducting EERE market interface analysis to allow EERE to create and seize opportunities to promote and ensure market penetration in order to influence equity markets on commercialization of renewable energy and energy efficiency technologies;
- ... Administering market readiness research to assess the readiness of the marketplace to accept new

technologies;

... Formulate EERE debt policy to maximize the availability of debt to deploy EERE technologies;

... Developing EERE programmatic and Commercialization Team strategy;,

... Building partnerships with external/private sector groups;

... Advising national laboratories in the development of a robust commercialization strategy;

... Assisting with the management of the Technology Commercialization & Deployment Fund designed to bridge the gap between the end of the R&D cycle and marketplace introduction; and

... Collaborating with financial markets and Wall Street financial community to improve the EERE Technology Program.

Mandatory Technical Qualification Requirements:

To be considered for this position, applicants must submit a narrative statement addressing the four (4) technical qualifications listed below. Your statement must not exceed five pages and should represent the experience required to perform the duties of this position. Format the narrative statement so that each technical requirement is individually addressed.

1. Knowledge of finance, particularly as applied to private investment in newly developed energy efficiency and renewable energy technologies as well as later-stage project finance of energy infrastructure.

2. In-depth knowledge of entrepreneurship and experience in the successful formation and growth of companies emphasizing energy efficiency and/or renewable energy technologies.

3. Ability to work with and organize scientists, engineers, business leaders, and government officials to facilitate private sector financing and market development of advanced energy technologies.

4. Ability to communicate effectively and persuasively, both orally and in writing, with senior level officials, function and program managers, technical subject matter specialists, and industry representatives.

Applicants must submit an original resume and the written narrative technical requirements by the

| closing date of this announcement. Mail applications to:

| Ms. Gwen Brown

| HR-30/Forrestal Building

| Department of Energy

| 1000 Independence Avenue, S.W.

| Washington, DC 20585

| Phone: 202-586-6715

| *****

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

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energyfolks mailing list

energyfolks@lists.stanford.edu

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