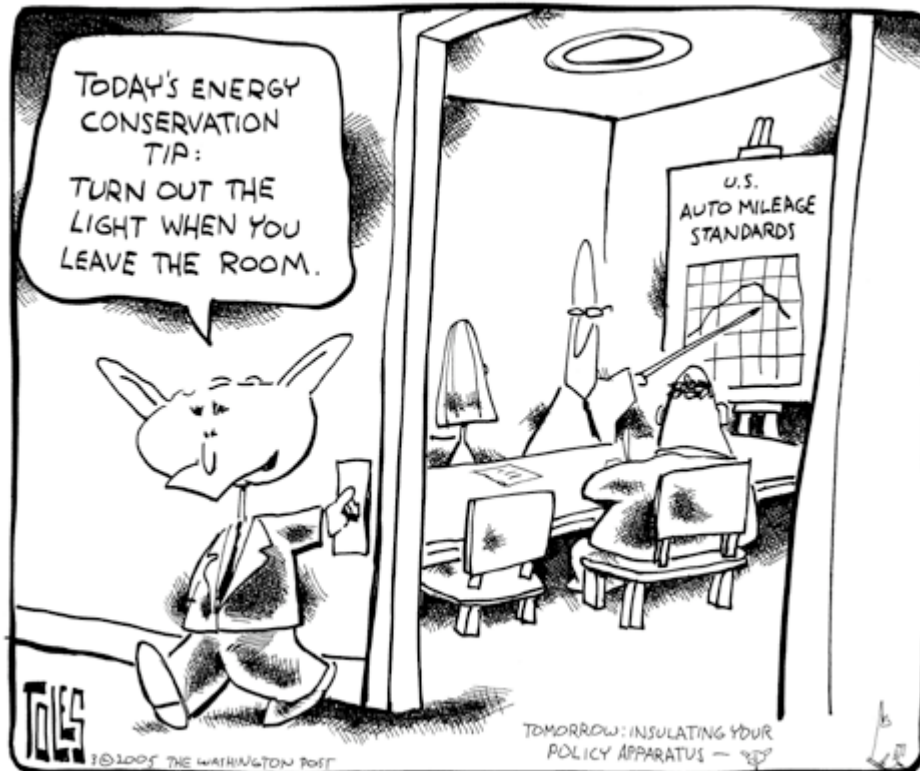


From: Gil Masters (gmasters@stanford.edu)

To: energyfolks@lists.stanford.edu

Date: Wednesday, August 22, 2007 8:21:14 PM

Subject: nrg bill, nrg security talk, Offshore wind, killacycle, nature, etc lotsajobs



1. Quotes of the day... on the proposed energy bills in Congress ...and a summary
2. Clean, Secure, and Efficient Energy: Can We Have it All? Sept 5, 8pm, Stanford
3. Offshore Wind... on the Daily Show and in a new book:
4. 350 hp Li-ion KillaCycle: 0-60 < 1 sec
5. Nature: International Weekly Journal of Science, free online issue on energy
6. Silicon Nanocrystals for Superefficient Solar Cells?
7. West Coast Green Conference, Sept 20-22, SF
8. Toyota Plug-In Hybrid Testing
9. New International Buildings Report
10. PG&E Commits to purchase 550 MW of parabolic trough solar thermal
11. New Freeman Book: Winning Our Energy Independence: An Energy Insider Shows How

JOBS JOBS JOBS JOBS JOBS JOBS JOBS (not Steve) JOBS

1. JOB: Union of Concerned Scientists, Sr. Energy Analyst, Berkeley
2. JOB: Natural Resources Defense Council, Senior Fellow, New York
3. ERG Faculty: Energy, Materials and Food from Managed Ecosystems
4. JOBS including Business Development Manager at: SunPower (40 jobs total open!)
5. JOB: Energy Efficiency Analyst, PA Consulting Group, S.F.
6. JOB: LBNL Building Simulation, Berkeley, CA

7. JOBS: CA Air Resources Board... Climate Change, Sacto, CA
8. JOBS: Energy Management Engineers: Nexant Inc, SF
9. JOB: New Media Associate, Alliance for Climate Protection, Palo Alto
10. JOBS: Rocky Mountain Institute, CO
11. JOBS: Junior Consulting Positions with Global Business Network, S.F.
12. JOB: MMA Renewable Ventures, LLC. Deal Associate, Wind Energy, S.F.
13. JOB: SBW Consulting, HVAC engineer, Bellevue, WA
14. Post-Doc Renewable Energy Research, U of Michigan
15. JOB: World Bank, Climate Change/Clean Energy
16. JOB: Northeast States for Coordinated Air Use Management, Boston
17. JOBS: Aurora Inc, Palo Alto (Solar Thermal) Senior Accountant, Reporting Mgr
18. JOBS: Property Acquisition Co, Mountain View, CA
19. JOB: Energy Analysts for Arup in L.A.
20. JOB: EME Group, Energy Modeling, LEED, etc NY
21. JOB: Another NRDC Position: Global Warming Economic Analyst, D.C.

1. Quotes of the day... on the proposed energy bills in Congress.. and a summary

Republican opponents of the measure echoed the White House position, saying that the package provided no new supplies of energy, would drive up fuel prices and provide billions in what they called "**green pork**" to support Democrats' pet environmental projects.

"**It tells us to turn the lights out, that's what this bill does,**" said Representative Don Young, Republican of Alaska. "There is no energy in this bill at all."

And from the Nuclear Proponents..

Michael J. Wallace, the co-chief executive of UniStar Nuclear, a partnership seeking to build nuclear reactors, and executive vice president of Constellation Energy, said: "**Without loan guarantees we will not build nuclear power plants.**"

The little-noticed provision in the Senate bill subtly refines and expands the loan guarantee program that Congress passed in the Energy Policy Act of 2005.

Summary of House and Senate Energy Bills:

TAXES

-- House calls for \$16 billion in new taxes on oil companies over 10 years by removing several of the industry's tax breaks. Senate bill has no tax provisions.

RENEWABLE ENERGY

-- House calls for incentives to build biomass factories and for research into cellulosic ethanol and biodiesel. Senate has similar provisions.
 -- House requires electric utilities to produce 15 percent of

electricity from renewable energy sources. Senate has no such requirement.

ENERGY CONSERVATION

-- House has new efficiency standards for appliances, lighting and buildings, and creates bonds to be used by cities and counties for energy conservation. Senate has appliance and lighting efficiency standards.

AUTOMOBILE FUEL ECONOMY

-- House bill has nothing on automobile fuel economy. Senate bill increases auto mileage requirement to 35 mpg by 2020 for cars, SUVs and small trucks, about a 40 percent increase.

ETHANOL

-- House bill has no mandate on ethanol use as a replacement for gasoline. Senate requires a sevenfold increase in ethanol use to 36 billion gallons a year by 2022.

-- House provides tax credits for installing E-85 pumps. Senate requires half of new cars manufactured by 2015 be capable of running on E-85.

HYBRID CARS

-- House provides tax breaks, subsidies for research into better batteries for plug-in hybrid cars and up to \$4,000 tax credit for purchasing such cars. Senate provides loan guarantees and other assistance for advanced diesel and hybrid battery technology.

CARBON DIOXIDE

-- House calls for an assessment of areas for underground carbon dioxide storage and calls for developing large-scale storage demonstration projects. Senate has similar provision.

The House bill includes a provision directing millions of dollars toward training a "green" work force.

The Green Jobs Act of 2007 would authorize as much as \$125 million a year for the national and state program to train workers in areas such as biofuel development, energy efficient buildings, renewable power, solar panel installation and energy efficient cars.

The program would give priority to workers impacted by federal energy and environmental policy, veterans, the unemployed, and at-risk youths, among others. The investment could create three million jobs, by some estimates... All of which will be posted on the "energyfolks" list... Ha!

2. Clean, Secure, and Efficient Energy: Can We Have it All? Sept 5, 8pm, Stanford

With the Society of Environmental Journalists and the Woods Institute for the Environment at Stanford
AURORA FORUM AT STANFORD
MEMORIAL AUDITORIUM

Wednesday, September 5, 2007
8:00 - 10:00pm

The race is on for commercialization of domestic fuels that shrink our carbon footprint, and change is in the wind: utilities are revisiting solar and wind power; big oil is investigating biofuels; car companies are betting on fuel cells; and government is rethinking nuclear power while peddling incentives for expanded production of natural gas and "clean" coal. But what about good old-fashioned conservation? Are we on the right track?

Moderator: Amy Goodman, Host of Democracy Now!

Panelists:

Sally Benson, Executive Director, Global Climate & Energy Project, Stanford

Paul Ehrlich, Bing Professor of Population Studies, Stanford

Fred Krupp, President of Environmental Defense

George Shultz, Thomas W. and Susan B. Ford Distinguished Fellow at the Hoover Institution

J.B. Straubel, Chief Technical Officer, Tesla Motors

Free and Open to All

More info: <http://auroraforum.stanford.edu/events.php?id=47>

3. Offshore Wind... on the Daily Show and in a new book:

just in case you missed this pretty hilarious Daily Show spot on the offshore wind project in Cape Cod....you can catch it on YouTube..

<http://youtube.com/watch?v=LEaOkhWOZ1A>

Also, a new book, "Cape Wind: Money, Celebrity, Class, Politics, and the Battle for Our Energy Future on Nantucket Sound," by Wendy Williams and Robert Whitcomb, chronicles how Ted Kennedy and others attempted to block offshore wind generation off of Cape Cod.

"Cape Wind" describes how entrepreneur Jim Gordon plans to install a 468-megawatt wind farm off Cape Cod. It dissects the orchestrated opposition to the project led by some of America's most powerful political and business leaders who maintain summer mansions in the area.

Kennedy attempted to kill the project in Congress, saying at one point, "The sight of them bothers me."

4. 350 hp Li-ion KillaCycle: 0-60 < 1 sec

The KillaCycle runs on 990 lithium-ion battery cells that feed two direct-current motors, generating 350 horsepower. The bike accelerates from zero to 60 mph in just under a second - faster than many professional gas-powered drag motorcycles and within striking distance of the quickest bikes that run

on nitromethane. With that hyper-potent racing fuel, riders can get to 60 mph in 0.7 seconds.

In December, the KillaCycle will receive a second-generation battery pack that will have twice as much juice as its current 374-volt system, giving it close to 1,000 horsepower. Ric Fulop, founder and vice president of business development for A123, the maker of KillaCycle's batteries, said he believes the KillaCycle can break the drag racing motorcycle record within the next year.

5. Nature: International Weekly Journal of Science, free online issue on energy

This is a really nice collection of timely articles on all of your favorite energy topics, sponsored by the DOE Office of Science:

>

> <http://www.nature.com/nature/supplements/collections/energy/index.html>

>

6. Silicon Nanocrystals for Superefficient Solar Cells?

Research shows that silicon can wring two electrons from each photon of incoming light.

By Kevin Bullis MIT Technology Review

<http://www.technologyreview.com/Energy/19256/>

A typical solar cell generates only one electron per photon of incoming sunlight. Some exotic materials are thought to produce multiple electrons per photon, but for the first time, the same effect has been seen in silicon. Researchers at the [National Renewable Energy Laboratory](#) (NREL), in Golden, CO, showed that silicon nanocrystals can produce two or three electrons per photon of high-energy sunlight. The effect, they say, could lead to a new type of solar cell that is both cheap and more than twice as efficient as today's typical photovoltaics.

As in earlier work with other materials, the extra electrons come from photons of blue and ultraviolet light, which have much more energy than those from the rest of the solar spectrum, especially red and infrared light. In most solar cells, the extra energy in blue and ultraviolet light is wasted as heat. But the small size of nanoscale crystals, also called quantum dots, leads to novel quantum-mechanical effects that convert this energy into electrons instead.

By generating multiple electrons from high-energy photons, solar cells made of silicon nanocrystals could theoretically convert more than 40 percent of the energy in light into electrical power, says [Arthur Nozik](#), a senior research fellow at NREL. In contrast, today's flat rooftop solar panels are at best just over 20 percent efficient and are theoretically limited to about 30 percent efficiency. Concentrating sunlight with mirrors or lenses could raise that figure to about 40 percent, but the same approach could boost the efficiency of a silicon-nanocrystal solar cell to well over 60 percent, Nozik says. What's more, solar cells made of silicon nanocrystals could prove to be cheap, giving them a significant advantage over other approaches to high-efficiency solar cells.

7. West Coast Green Conference, Sept 20-22, SF

<http://www.westcoastgreen.com/about/>

On September 20 -22, 2007, at San Francisco's renowned Bill Graham Civic Auditorium, West Coast Green is giving the residential green building market the event it's been wanting: a full scale 3-day conference and expo. This year our programming will expand to offer over 150 new presentations and pre-conference workshops and will reach over 14,000 people with incredible ability to affect change. These presentations also offer over 100 possible AIA Learning Units! Stories from past attendees about their transformations, product inventions, and business ingenuity flow into our office every day. Cumulatively, these actions will transform our world into something that we will eventually feel comfortable passing down to the seventh generation. We encourage you to join us in educating, inspiring and mobilizing more people this coming September.

8. Toyota Plug-In Hybrid Testing

DETROIT, July 24 — Toyota Motor Company said Tuesday that it was testing hybrid vehicles with rechargeable batteries in the United States and Japan, setting up a direct challenge with General Motors to develop the industry's first plug-in hybrids.

As Felix Kramer of CalCars points out, the "Toyota Plug-in HV" will have an eight-mile all-electric cruising range, using "oversize" Ni-MH batteries. (Toyota has postponed introducing lithium-ion batteries for its next-generation Prius.) What it calls a "pilot program" of eight vehicles in the U.S. and Japan will begin to find out what customers want.

Secondary battery

Type: Nickel-metal hydride

Capacity: 13Ah (6.5Ah x 2)

Rated voltage: 202V

Overall system

Maximum output*: 100kW (136PS)

Voltage: 202-500V

Battery charging

Power source: Household electrical power

Charging time: 1-1.5hrs (200V), 3-4hrs (100V)

9. New International Buildings Report

Key players in real estate and construction misjudge the costs and benefits of "green" buildings, creating a major barrier to more energy efficiency in the building sector, a new study by the World Business Council for Sustainable Development (WBCSD) reports.

<http://www.wbcd.org/DocRoot/XGam943WOqZtoqXU2hsq/EEBSummaryReportFINAL.pdf>

10. PG&E Commits to purchase 550 MW of parabolic trough solar thermal

By FELICITY BARRINGER and MATTHEW L. WALD

SAN FRANCISCO, July 23 - Pacific Gas & Electric, Northern California's major utility, is announcing a commitment on Wednesday to purchase 550 megawatts of solar power to be generated by trough-like arrays of mirrors spread over nine square miles in the Mojave Desert. The new solar plant is expected to begin producing energy in 2011 or 2012.

While P.G. & E. executives and Solel's president, Avi Brenmiller, would not specify how much the utility will pay, people close to both companies put it at slightly more than 10 cents a kilowatt-hour - roughly what an average kilowatt-hour sells for at retail to American residential customers.

The solar plant, planned to be built in the desert between the Nevada state line and Barstow, Calif., would consist of four modules of 140 megawatts each, Mr. Brenmiller said.

A Spanish company, Acciona Energy, recently opened a similar but smaller plant near Boulder City, Nev., a 64-megawatt plant called Nevada Solar One.

Both Southern California Edison and San Diego Gas & Electric have signed contracts with a different solar thermal company, Stirling Energy Systems, of Phoenix, for many hundreds of megawatts of power. Stirling uses dishes that concentrate the sun's heat to boil a fluid, which is used to drive a piston and create mechanical energy, from which electricity is made.

11. New Freeman Book: Winning Our Energy Independence: An Energy Insider Shows How

S. David Freeman's new book delivers a wealth of facts and candid opinions on renewable resources with blunt straight talk. His message: We have all the renewable energy we need to wean ourselves from the Three Poisons (foreign oil, nuclear power, and dirty coal) and create a sustainable future for our planet.

He calls for a concerted 30-year effort to close aging coal-fired and nuclear power plants and replace today's cars with plug-in hybrid vehicles.

JOBS JOBS JOBS (not Steve) JOBS

1. JOB: Union of Concerned Scientists, Sr. Energy Analyst, 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.

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.

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.

2. JOB: Natural Resources Defense Council, Senior Fellow, New York

NRDC is seeking a Senior Fellow for its newly created Center for Market Transformation (CMT). The CMT combines business and policy innovation to accelerate deployment of clean technologies and practices.

This is a two-year full-time position starting in the fall of 2007. The Senior Fellow will play a central role in driving the Center's mission of helping to make markets work for the environment. This will include engaging leading capital providers to ensure environmental risks and opportunities are fully integrated into investment decisions as well as working with industry partners and policy makers to

enable rapid scale up of clean energy infrastructure.

Priorities for the successful candidate will include working with the private sector, NRDC's Climate Center, other NRDC staff, and leading NGOs to:

- ... Communicate to investors the financial implications of impending climate regulations (e.g., launching an on-line "information market" to reveal expert expectations regarding future CO2 allowance costs and influencing deal negotiations per NRDC's role in scaling back coal-fired power plant investment plans as part of the KKR/TPG buyout of TXU);
- ... Implement market or policy innovations that encourage rapid deployment of renewables (e.g., predictable long-term incentives for wind and solar as well as financial innovations that allow cellulosic biofuel investors to hedge against the risk of long-term oil price declines);
- ... Develop policy frameworks and financing schemes to encourage early investment in full-scale carbon capture and storage, both domestically and internationally;
- ... Encourage more systematic capture of energy efficiency investment opportunities in buildings through private sector innovation (e.g., new contractual structures, business models, and financing terms) and policy reforms (e.g., "decoupling" utility profits from electricity sales).

... MBA preferred plus minimum of three years of private sector experience, especially top-tier management consulting, investment banking, real estate finance and/or project finance;

... Demonstrated experience in strategic thinking and implementation of collaborative projects.

... Strong financial modeling and business analysis skills as demonstrated by previous experience;

... Superior communication skills, including the ability to engage effectively with a broad range of stakeholders;

... Familiarity with energy systems and climate change policy.

Applicants should send cover letter including salary requirements, resume and writing sample to hr@nrdc.org by September 30, 2007. 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.

3. ERG Faculty: Energy, Materials and Food from Managed Ecosystems

<http://erg.berkeley.edu/index.shtml>

Energy, Materials and Food from Managed Ecosystems:

The Energy and Resources Group at the University of California, Berkeley, seeks a colleague for a full-time, tenure-track appointment at the assistant professor level in the interdisciplinary area of energy, food, and materials from managed ecosystems.

The closing date is November 1, 2007.

For details and a longer advertisement and description of the position, and of ERG, its students, faculty, research and teaching, see

<http://erg.berkeley.edu> or call 510-642-1640

4. JOB(s) Business Development Manager at: SunPower (40 jobs total open!)

Applications should route through the website - <http://www.sunpowercorp.com/careers/>.

Business Development Manager, North America, VAR Business Unit

This role would suit a self-motivated, results-oriented individual who is comfortable in an entrepreneurial environment; is capable of driving high-level negotiations forming new and developing existing relationships, whether with suppliers, customers and other partners. The ideal candidate is someone interested in shaping and implementing an aggressive strategy and someone who is able to convince external and internal stakeholders of the validity of the approach.

To succeed in this role you will possess a combination of big-picture vision and creativity with detail-oriented execution skills and business savvy.

Related Experience & Educational Requirements

- ... MBA or J.D. from a top-tier business school
- ... Minimum of 2-4 years of relevant experience, including 2 years of post-MBA or J.D. experience, such as a business development function in a similar company.
- ... Minimum of 2 years of negotiation and deal making experience.
- ... Strong skills in financial analysis, modeling
- ... Energy, forward-thinking and creative attitude.
- ... Aggressive in pursuing opportunities
- ... Vision, sound technical skills, analytical ability, good judgment and strong operational focus.
- ... Strong leadership and collaboration skills with an ability to balance and prioritize competing interests and delegate responsibility as necessary

5. JOB: Energy Efficiency Analyst, PA Consulting Group, S.F.

We need a good analyst to work on energy efficiency program evaluations. The CPUC has awarded the impact evaluation contracts, and PA won work in various components. Now we have to do the work. I have a good team, but I want to take the opportunity to hire a sharp entry level person who I can train to take over in the long term.

Andy Goett

PA Consulting Group

425 Market Street

22nd Floor

San Francisco, CA 94105

andy.goett@paconsulting.com

www.paconsulting.com

6. JOB: LBNL Building Simulation, Berkeley, CA

Position Available with the Simulation Research Group
Lawrence Berkeley National Laboratory has a new opening for either a Research Scientist/Engineer or a Scientific Engineering Associate. The main duties will include further development of EnergyPlus for use in California's Title-24 Building Energy Efficiency Standard.
Details are posted on these links:

Computational Research Scientist/Engineer:
<http://jobs.lbl.gov/LBNLCareers/details.asp?jid=20748&p=1>

Scientific Engineering Associate (Computational or Mechanical):
<http://jobs.lbl.gov/LBNLCareers/details.asp?jid=20762&p=1>

For an informal discussion about the opening, call or email either Fred Buhl (510-486-4912 wfbuhl@lbl.gov) or Philip Haves (510-486-6512 phaves@lbl.gov).

7. JOBS: CA Air Resources Board... Climate Change, Sacto, CA

- > The Board is seeking highly motivated individuals
- > who
- > want to become part of an exceptional group of
- > dedicated engineers and scientists. The Board has
- > several job openings for positions reflecting the
- > growing importance of climate change and the need
- > for
- > the ARB to deploy highly focused and scientifically
- > strong groups to identify, develop, and implement
- > climate change emission reduction strategies that
- > are
- > consistent with the goals of the Global Warming
- > Solutions Act of 2006 (AB 32).

>
> To view the current vacancies and the application
> process, please visit our web page at
> <http://www.arb.ca.gov/as/personnel/jobs/examvac.htm>
>
> exam, please contact Rebecca Navarrate at
> rnavarre@arb.ca.gov or (916) 324-7196.
>
>*****

8. JOBS: Energy Management Engineers: Nexant Inc, SF

Nexant, Inc. is a leading provider of energy and carbon management consulting services to electric utilities, energy producers, and energy end-users worldwide. We are currently seeking junior and senior level engineers experienced in energy efficiency, energy management, and green buildings applications for our offices in San Francisco, Los Angeles, Salt Lake City, Boulder, Madison, New York, and Houston.

Interested applicants should send their resume and salary requirements to jobs@nexant.com. Reference "Energy Engineer" and the location(s) that interest you in the subject line. Nexant, Inc. (www.nexant.com) is an equal opportunity employer and encourages workforce diversity. We welcome applications from all qualified candidates.

Terry Fry
Vice President, Energy & Carbon Management
Nexant, Inc.
101 2nd St., 10th Floor
San Francisco, CA 94105

9. JOB: New Media Associate, Alliance for Climate Protection, Palo Alto

New Media Associate. August 14, 2007.

The Alliance for Climate Protection, a non-profit organization chaired by Al Gore with the mission to persuade people of the urgency and solvability of the climate crisis, is seeking a talented individual to assist us with our new media activities starting as soon as possible in our Palo Alto, CA office.

The New Media Associate will be responsible for some or all of the following tasks: developing and managing day-to-day relationships with companies in the online space (social networking, applications, search, portals, etc.), Alliance website content updates, management of our email and mobile lists, writing creative emails and SMSs, developing interactive online elements, collaboration with our internet and mobile contractors, implementing online fundraising strategies, directing Alliance email inquiries to the appropriate staff person, and a variety of other tasks in a start-up atmosphere.

The Associate will be the go-to person handling daily internet activities among a small staff in a high-paced and demanding but highly rewarding environment. The ideal candidate is ambitious,

creative, flexible, has knowledge of the space, and is extremely detail-oriented. We are looking for someone with a couple years of experience in new media. Interested candidates should send a resume and cover letter ASAP to Erin Kassoy at erin.kassoy@climateprotect.org.

10. JOBS: Rocky Mountain Institute, CO

The Energy and Resources team at RMI is looking for top notch people at all levels.

POSITIONS OPEN: Senior Consultant, Consultant, Analyst, and Intern

Also, we are looking for a Team Leader candidate for our Industrial team.

We are growing, growing, growing.

Please contact us by e-mail (attaching your resume as a Word document) or faxing your resume to us. Questions? Call David Rothstein, RMI's Human Resources Director, at (970) 927-7302.

11. JOBS: Junior Consulting Positions with Global Business Network, S.F.

Are you interested in taking a long-term view of the future? Do you enjoy thinking about how trends in geopolitics, technology or cultural behavior could shape the world in 5-10 years (or more)? Would you like to help corporate, government and non-profit clients incorporate alternative perspectives and key uncertainties into their strategic planning processes? If so, Global Business Network (GBN), a Monitor Group company, may be the right place for you.

We are seeking curious, creative and energetic candidates who can begin work immediately for two junior research support positions. Please carefully review our requirements for this position before applying, and pay particular attention to what we request you include with your application. Applications that are not complete at the time of submission will not be reviewed.

POSITION 1: GENERAL PRACTICE ASSOCIATE

Essential Duties

- Conducting background research on a range of industries and trends
- Synthesizing and summarizing research findings in written and PowerPoint presentation formats
- Providing project management, event coordination, and logistical support to senior practitioners and case teams
- Taking accurate and thorough notes at workshops and meetings, and writing summary reports

Required skills and qualifications

- Bachelor's degree, with top-notch course performance across a breadth of disciplines
- At least one to two years of work experience in a professional environment
- Excellent written and verbal communication skills, both in formal and informal settings

POSITION 2: PRACTICE ASSOCIATE WITH SPECIAL EMPHASIS ON INNOVATION & DESIGN

Essential Duties

Same as above (approximately 2/3 of workload), plus

- Researching approaches to innovation and examples of innovation in products, services, and organizational design across industries
- Working with senior GBN practitioners to design new group process approaches and unique workshop tools to help organizations innovate

Required skills and qualifications

Same as above, plus

- Background or experience in the social sciences, cognitive science, design, visual arts, or relevant areas of business (e.g., innovation, strategy, organizational development, etc.)

APPLICATION REQUIREMENTS

To apply for this position, please send the following to work@gbn.com as soon as possible:

- 1) A cover letter outlining how your past experiences and interests meet the job requirements and why you believe working at GBN may be right for you. Please explore the GBN website before you apply so that you more thoroughly understand our organization and what we do.
- 2) A resume
- 3) A writing sample or related document that illustrates your strong analytical and communication capabilities

Optional: If you are applying for the position with an emphasis on innovation & design, please feel free to include one additional sample of work that may be specifically relevant to these areas.

PLEASE SEND ALL DOCUMENTS IN PDF FORMAT. We will not accept Word or other formats due to the potential for infection with computer viruses.

Unfortunately, we are unable to respond to all applicants, but we will extend invitations for interviews to a select number of candidates. Please do not call GBN for application status.

For more information about GBN, visit our website at www.gbn.com. For more information about the Monitor Group, go to www.monitor.com.

12. JOB: MMA Renewable Ventures, LLC. Deal Associate, Wind Energy, S.F.

Contact Information Shannon Shutts (shannon.shutts@mmarenew.com)

Requirements ... MBA or equivalent Master's degree.

... 2+ years of analytical and transaction experience in a business development, transaction support, or market research function, with a focus on the energy industry; or 1+ years of investment banking or private equity experience, with a focus on the renewable energy industry or related field

... Experience negotiating contracts and presenting information succinctly to clients and executives

... Credit and risk analysis and mitigation

... Extensive experience in financial modeling of cash flows, financial statements and financial valuations

... Experience in analysis of investment opportunities

... Strong interpersonal, communication and organizational skills (attention to detail and analytical thinker)

... Must possess unquestionable integrity and ethics

... Interest in renewable energy technologies and policy

... Self-motivator that enjoys rapidly growing and changing environment

Description MMA Renewable Ventures finances, owns and operates profitable renewable energy assets in the United States. We partner with top-tier investors, project developers, and customers to build distributed green energy generation plants and to sell the energy and renewable energy credits under long-term contracts with customers.

We are hiring a highly qualified individual to support our expansion into wind energy finance.

Responsibilities will include:

... Screening new wind energy investment opportunities.

... Leading due diligence for potential new investments, including project specific analysis, market research and analysis of industry or regional trends

... Financial modeling and quantitative analysis

... Contract preparation and negotiation

13. JOB: SBW Consulting, HVAC engineer, Bellevue, WA

SBW Consulting, Inc., a national leader in energy efficiency programs and evaluation, has an opening for a full-time Energy Efficiency Engineer in our Bellevue, Washington office.

For 17 years SBW's engineering staff has helped clients identify, analyze and verify savings from energy efficiency opportunities for lighting, HVAC, boilers, refrigeration, compressed air and other major systems in both commercial and industrial facilities. More than 1,000 facilities have been served in 10 states.

We are seeking experienced candidates who can make a major contribution to our engineering team. Of particular interest are candidates that have strong analytic skills and extensive experience with both the design and operation of complex HVAC systems.

Requirements and Qualifications

- At least a B.S. degree in a relevant engineering discipline
- At least 10 years of experience with relevant work assignments.

- Experience analyzing complex systems such as HVAC, refrigeration, or compressed air.
- Excellent client management skills.
- Experience with inspection and verification of efficiency projects.
- Excellent writing and computer skills.
- Willing to travel up to 25% time.

SBW offers its employees challenging projects, a competitive salary, annual performance bonus, 401(k) plan, medical benefit, life and long-term disability insurance and Flexible Spending Account Plan. SBW is an Equal Opportunity Employer.

Submit resume to hr@sbwconsulting.com.

14. Post-Doc Renewable Energy Research, U of Michigan

As you may know, the University of Michigan received a generous grant two years ago from the Alcoa Foundation to fund post-doctoral fellowships in the broad area of renewable energy research. (For more on the Michigan program, visit http://css.snre.umich.edu/css_doc/UMAnnouncement.pdf. For details on the Alcoa Program in general, see http://www.alcoa.com/global/en/community/info_page/CS_Fellowship_Program.asp) We currently have 3 Fellows in residence, with 2 more joining us in the Fall. They are working on such areas as wind energy, sustainable transportation, and energy development in China. We recently received a reminder from the Foundation that they would like us to have the sixth Fellow on board ASAP.

Thomas P. Lyon
 Dow Chair of Sustainable Science, Technology and Commerce
 Director, Erb Institute for Global Sustainable Enterprise
 Stephen M. Ross Business School and
 School of Natural Resources and Environment
 University of Michigan
 701 Tappan Street
 Ann Arbor, MI 48109
 734-615-1639
tplyon@umich.edu
<http://webuser.bus.umich.edu/tplyon>

15. JOB: World Bank, Climate Change/Clean Energy

The World Bank's Central Energy Unit (ETWEN) seeks an Extended Term Consultant (ETC) to support the Bank's Climate Change and Clean Energy Strategy. The ETC

will work closely with World Bank staff to accelerate the Bank's low carbon agenda. Responsibilities will include assisting projects under the 'Clean Energy for Development Investment Framework,' as needed, such as the Low Carbon Country Case Studies; managing and populating the Clean Energy Wiki website- a knowledge sharing initiative; planning outreach and communications; clean energy policy and technology research; and report writing and preparation of presentations on the Bank's Climate Change and Clean Energy Strategy. For more information on the position and to apply please see the full job description:

http://web.worldbank.org/external/default/main?pagePK=64273552&p_iPK=64778866&theSitePK=1058433&JobNo=071110&order=descending&sortBy=job-req-num&location=ALL&menuPK=64778834

16. JOB: Northeast States for Coordinated Air Use Management, Boston

CLIMATE POLICY ANALYST

NESCAUM (The Northeast States for Coordinated Air Use Management) is seeking a full-time policy analyst for our Climate and Energy Team. NESCAUM is a forty year old non-profit association of the state air pollution control agencies in the six New England states, New Jersey and New York. NESCAUM provides technical analysis and policy guidance to its members on air pollution, climate change, and energy issues of regional concern in the Northeast and represents the states in regional, national and international forums. The Association's activities are governed by a Board of Directors composed of the lead air quality officials in the eight member states. NESCAUM has a staff of approximately twenty-five professionals with expertise in science, engineering, and policy.

The Climate Policy Analyst will perform research, analysis and communications support for projects and tasks including (but not limited to): evaluating the potential for a regional low-carbon fuel standard; supporting the implementation of The Climate Registry (a state-based GHG reporting initiative); applying NESCAUM's analytic modeling tools to identify cost-effective climate solutions; coordinating efforts between state energy and environmental agencies; and providing support for state and regional climate planning efforts.

Qualifications: The position requires an advanced degree in environmental science, public policy, applied economics, energy and technology policy, or a closely-related field and a minimum of two years experience in policy research and analysis. The ideal candidate will have strong quantitative, analytical, and research skills and experience in quantitative policy analysis, preferably within the context of climate and energy policy. Excellent writing, verbal, and public speaking skills are required. This position requires the ability to effectively interpret and communicate policy results and technical concepts to non-technical audiences. Experience in project management is also desirable. Preference will be given to candidates that have demonstrated experience in working within both the private and public sectors. Applicants should be passionate, highly organized, and detailed-oriented. Candidates must be able to demonstrate their leadership qualities, as well as their ability to work both independently and as part of a team.

NESCAUM offers competitive salaries, a generous benefits package, and a stimulating work environment. The starting salary for this position depends on qualifications and experience.

Approximate starting date is September 2007. The NESCAUM office is located near North Station in Boston and is easily accessible via public transportation. Please send to the address below or e-mail to crudisill@nescaum.org a resume with three references, a cover letter explaining your qualifications and interest in this position, and a writing sample of 5-10 pages. No phone calls please.

Charla Rudisill
Chief of Staff
NESCAUM
101 Merrimac Street, 10th Floor
Boston

17. JOBS: Aurora Inc, Palo Alto (Solar Thermal) Senior Accountant, Reporting Mgr

JOB SUMMARY

Ausra, Inc. is developing large-scale solar thermal power plants that will provide electricity at market-competitive prices without carbon emissions. If you like a fast-paced, high-growth start-up environment, with talented people dedicated to building a great business that makes a difference, then you should consider Ausra.

The Senior Accountant would play an important role in building the accounting function. Reporting to the VP of Finance, the Senior Accountant would join a small team responsible for developing the Company's accounting infrastructure and related policies, with particular initial focus on the payroll, benefits, and payables functions. The position offers a great opportunity for advancement and promotion as the Company grows and the finance function matures.

ESSENTIAL DUTIES & RESPONSIBILITIES

- ... Administers payroll and payable processing of corporate, Australian and other subsidiaries.
- ... Administers employee stock option plan, including calculation of FAS 123R charges.
- ... Develops, institutes, and administers time tracking system for capitalizing project development costs and tracking paid time off.
- ... Calculates and records period-end accruals on corporate and subsidiary general ledgers.
- ... Assists in design, selection and roll out of 401k and other benefit plans.
- ... Assists in selection and implementation of ERP package.
- ... Assists in development of an Ausra People Handbook.

JOB QUALIFICATIONS

- ... Bachelor's Degree
 - ... 7+ years experience
 - ... Working knowledge of SOX 404 compliance
 - ... Knowledge of FAS 123R and 401k plans is preferred.
 - ... Experience with multiple companies and international operations are a plus.
 - ... Strong general accounting internal controls experience.
 - ... Ability to multi-task in a fast-paced environment, detail-oriented with excellent organizational skills.
- Strong verbal and written communication

External Reporting Manager:

The External Reporting Manager would play a key role in building the accounting function. Reporting to the VP of Finance, the External Reporting Manager would join a very small team responsible for developing the Company's financial statements and related accounting policies, implementing the finance module of an ERP package and establishing company procedures. The position offers a great opportunity for advancement and promotion as the Company grows and the finance function matures.

ESSENTIAL DUTIES & RESPONSIBILITIES

- ... Prepares consolidated financial statements for internal and external users.
- ... Ensures that all reporting is in compliance with SEC and GAAP reporting guidelines and supports the implementation of such standards.
- ... Leads the development of financial policies and procedures for the organization.
- ... Assists in the implementation of ERP system.
- ... First line management of relationship with the Company's external auditors.
- ... Researches accounting rules and regulations and makes recommendations regarding company policy.
- ... Provides assistance in evaluating accounting policy risks, reviewing agreements, participating in the accounting disclosure process.

JOB QUALIFICATIONS

- ... Bachelor's Degree in Accounting or Finance
- ... CPA required, Big 4 experience preferred.
- ... 7+ years experience with SEC reporting, including MD&A and footnotes disclosures.
- ... Working knowledge of SOX 404 compliance
- ... Knowledge of FAS 133, FAS 144, FIN 46 and IFRS is preferred.
- ... Experience with project finance, international operations, multiple special purpose companies, utility/power projects, manufacturing or construction industry is a plus.
- ... Demonstrated experience in building and managing a team.
- ... Strong general accounting, financial reporting, internal controls experience.
- ... Ability to multi-task in a fast-paced environment, detail-oriented with excellent organizational skills.
- ... Strong verbal and written communication skills.

18. JOBS: Property Acquisition Co, Mountain View, CA

Property Aquisitions Co is looking for an assistant to help with managing properties and construction projects. We are also looking for an in house interior designer (eco friendly of course). Have them send me their resume and some examples of work.

Taylor Robinson
Project Manager
Property Acquisitions Co.
2606 Bayshore Pkwy
Mountain View, CA 94043
650.521.7867 (cell)

650.887.1405 (efax)

19. Energy Analysts for Arup in L.A.

We are seeking Energy Analysts and Energy Analysts, Lighting/Electrical for our Los Angeles office.

Arup is a leading international design firm with over 9,000 members worldwide in 86 offices. Check us out at www.arup.com.

To apply, send resumes to: susanne.sipola@arup.com

In California, energy consulting is a rapidly growing focus of our business, Within Los Angeles, Arup has developed a Strategic Energy Consulting group that brings together a diverse array of engineering and financial skills. The LA Energy group focuses on developing solutions that reduce energy consumption and risk by conceiving and implementing intelligent, financially viable and environmentally sustainable projects for our clients. Our current energy clients range from major pharmaceutical companies to large college campuses.

Energy Analyst:

To continue expanding the Los Angeles energy consulting group, we are seeking an experienced engineer to fill the position of Energy Analyst. This individual will be required to run energy modeling and undertake life cycle analyses to assist the Energy Team Project Manager to deliver quality energy studies. In addition, this individual will be required to prepare drawings, specifications and reports to deliver energy reduction implementation projects.

Expertise Required:

- Technical ability in energy systems analysis
- Knowledge of energy saving and renewable energy technologies

Qualifications:

- 2 years industry experience
- Knowledge of energy systems design and energy analysis techniques

Energy Analyst, Lighting/Electrical:

To continue expanding the Los Angeles energy consulting group, we are seeking an experienced Electrical/Lighting Engineer. This individual will be required to join the energy team as the lighting/lighting controls/electrical specialist. Activities will include assessment of existing installations to identify energy savings and the subsequent implementation of energy reduction technologies.

Expertise Required:

- Technical knowledge of lighting, lighting controls, electrical systems and associated costs
- Ability to work within a team with minimal supervision
- Ability to undertake analyses, prepare reports deliver and client presentations

Qualifications:

- 5 years industry experience

PE or CEM preferred
Knowledge of lighting and electrical systems

Benefits:

- Full medical, dental, long term disability and life insurance coverage
- Three weeks' vacation in year one
- 10% of annual compensation contributed by the company to your retirement plan, up to IRS limits
- Educational assistance
- Health club subsidy
- Paid, comprehensive training programs
- Team-oriented working environment
- Business casual dress

Susanne Sipola
Recruiter

Arup
901 Market Street, Suite 260, San Francisco CA 94103
tel: 1 415 946 1634
fax: 1 415 957 9096
cell: 1 415 420-3834
susanne.sipola@arup.com
www.arup.com

20. JOB: EME Group, Energy Modeling, LEED, etc NY

EME Group, an award-winning engineering consulting firm, located in midtown Manhattan with a satellite office in Albany, NY, is seeking an engineer with experience in building modeling to assist in our sustainable design and energy conservation services. The successful candidate will be responsible for performing LEED and energy modeling analysis, assistance in performing energy feasibility and technical assistance studies and assistance in performing aspects of building commissioning. EME's clients include Fortune 500 companies, Not-for-Profit Agencies, State and Federal Agencies.

Job requirements include:

- Energy modeling using DOE-2, EnergyPlus, Trane Trace
- Knowledge of building HVAC systems for commercial, healthcare and multifamily buildings
- Good written and oral skills are required.

Please email resume and cover letter to admim@emegroup.com.

21. JOB: Another NRDC Position: Global Warming Economic Analyst, D.C.

Natural Resources Defense Council
Job Announcement

Global Warming Economic Analyst
Washington, DC Office

The Natural Resources Defense Council (NRDC) is a non-profit national environmental advocacy organization with more than 1.2 million members and online activists. We have offices in New York, Washington, D.C., San Francisco, Los Angeles and Beijing. Our staff of nearly 300 includes attorneys, scientists, policy analysts and educators working to protect the environment and public health through advocacy and education.

Position Summary:

NRDC seeks a Global Warming Economic Analyst for its Washington, DC office. The Analyst will be responsible for assessing the economic ramifications of policy proposals designed to reduce emissions of carbon dioxide and other heat-trapping gases. The Analyst will help develop, distil and translate complex analyses into materials suitable for distribution to Congressional staff and the media.

Major Responsibilities/Activities:

- ... Analyze the costs and benefits of proposals to reduce emissions of heat-trapping gases in collaboration with other NRDC staff and consultants.
- ... Translate results from major economic studies into fact sheets, draft op-eds, and other materials for the policy debate in Washington.
- ... Rapid analytical response to requests from Congress, reports issued by EPA, the Department of Energy, etc., and claims made by opponents of meaningful action.
- ... Assess economic issues related to the growing spectrum of low-carbon technologies.

Skills and Knowledge Requirements:

- ... Masters Degree or Ph.D. in energy, engineering, economics, or a related field.
- ... At least three years of relevant experience.
- ... Knowledge of energy technology and climate policy.
- ... Demonstrated ability to independently analyze complex information.
- ... Ability to think strategically and develop targeted analytical projects.
- ... Excellent written and oral communications skills.

We offer competitive salaries, excellent benefits, and a pleasant working environment and are committed to workplace diversity. Salary is based on a nonprofit scale and commensurate with experience. Applicants should email cover letter, resume and writing sample no later than August, 17, 2007 to HR_DC@NRDC.org. In your correspondence, please indicate where you saw this job announcement. No phone calls or faxes, please.

NRDC is an Equal Opportunity Employer.

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

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

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energyfolks mailing list

energyfolks@lists.stanford.edu

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