

From: Gil Masters (gmasters@stanford.edu)
To: energyfolks@lists.stanford.edu
Date: Tuesday, April 1, 2008 9:53:01 AM
Subject: NRG seminar, social, EVs, big PVs, Jobs

As the Toronto Star nicely explained: "No gasoline-powered car assembled in North America would meet China's current fuel-efficiency standard."

<http://climateprogress.org/2008/03/27/peak-oil-global-warming>
Peak Oil? Bring it on!

BAY AREA ANNOUNCEMENTS:

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1. Updated Stanford Energy Seminar Schedule, Spring Quarter

Woods Energy Seminar
Spring Quarter, Wednesdays 4:15 to 5:15 p.m.
Building 420 Room 40

April 2, Elton Sherwin, Senior Managing Director, Ridgewood Capital
Federal Energy Policy Perspective: What Should be Done to Address Global Warming

April 9, Anthony Kavscek, Energy Resources Engineering Department, Stanford University*
CO2 Sequestration: What Have We Found? What Should Future Priorities Be?

April 16, Cristina Archer, Department of Global Ecology, Carnegie Institution of Washington
The Importance of Wind Power in a Clean and Renewable Future

April 23, Scott Elrod, Palo Alto Research Center
III-V Solar Concentrators: Driving Down the Cost to Below \$1.00/Watt

April 30, Martin Roscheisen, CEO, Nanosolar*
TBD (Nanosolar)

May 7, Jennifer Wilcox, Energy Resources Engineering Department, Stanford University
Clean Coal: Minimizing Environmental Impacts of Coal-based Energy Generation

May 14, Tadeusz Patzek, Department of Civil and Environmental Engineering, University of California, Berkeley
"Green Revolution" and Agrofuels

May 21, Chris Chidsey, Chemistry Department, Stanford University*
TBD (Electrocatalysis with Discrete Metal Complexes Covalently Site-Isolated on Oxidation-Resistant Electrodes)

May 28, Gavin Conibeer, University of New South Wales
Approaches to Third Generation Photovoltaics

June 4, Burton Richter, Stanford Linear Accelerator Center, Stanford University
TBD (Nuclear Proliferation)

*On these dates there will be an Energy Social following the talk. Energy Socials will be held at the Social Entry (red section) of the Jerry Yang and Akiko Yamazaki Environment and Energy Building, Y2E2. Thank you to Mineral Acquisition Partners, Inc. ("MAP") for sponsoring the Energy Socials.

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

New Location!!

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

Where: Y2E2 Red Area "Social Entrance"

When: Wednesday, April 9, 2008

Time: 5:30p-7:30p

PLEASE NOTE NEW LOCATION! (see attachment)

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

3. Cody's Office Hours at Stanford (April not March)

From Cody Taylor <cody.taylor@gmail.com>:

I'll be holding energy advising office hours on campus in the next couple weeks. I know it's internship- and job-hunting season, so please feel free to direct energy students over who want to talk about this. Appointments are appreciated. The corrected blurb from Gil's list is below:

Energy Advising Office Hours with Cody

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

4. "Green Business Strategy at Google" Apr 22 Noon, Red Atrium 111

Apr 22: *Special Guest Speaker*

Robyn Beavers, Google, Inc., Green Business & Operations Strategy, "What is Green Business Strategy at Google?"

NOON START, Y2E2 111 Red Atrium

"I'd put my money on the sun and solar energy. What a source of power! I hope we don't have to wait until oil and coal run out before we tackle that."

- Thomas Edison, in conversation with Henry Ford and Harvey Firestone, 1931

5. Public Investment in Energy event at UCB: Haas School of Business

UPCOMING "PUBLIC INVESTMENT IN ENERGY" EVENT

Join us for an interactive, roundtable discussion with leading energy economists, policy experts, venture lawyers, and researchers to better understand how and where U.S. energy policy happens as well as the key questions to consider when evaluating energy policy proposals.

When: Thursday, April 17th, 6-9:00 PM

Where: Anderson Auditorium, Haas School of Business

Event Description: As the U.S. looks to develop a more sustainable energy future, there is a clear need for engagement by both the public and private sector. Many energy experts, researchers, and cleantech investors have called for increased federal government funding for energy related R&D as well as the need to "price" carbon. But for the general public, it can be challenging to understand the true implications and effects from many of these policy proposals. What would the difference between \$50 billion or \$150 billion in R&D look like? What are the various agencies that would be involved? Who could and should be the potential recipients of such R&D money? With the upcoming presidential elections, it begs the question - how does US energy policy actually happen?

Join us for this event to better understand how and where U.S. energy policy happens as well as the key questions to consider when evaluating energy policy proposals. We will begin this event with a brief, "power mapping" overview to better understand how energy policy happens, with an eye to what roles/positions are appointed vs. elected vs. lifetime, how funding works, etc. The main portion of this event will be an interactive, roundtable discussion with leading energy economists, policy experts, venture lawyers, and researchers to evaluate the key questions and concerns to consider when evaluating the merits of energy policy proposals.

Note: This event will lay the foundation for a follow-up fall event that focuses more specifically on applying these tools to evaluate the presidential candidates' policy proposals.

Agenda:

6:00 - 7:00pm Networking and Food

7:00 - 7:10pm Introduction -- Laying the Foundation

7:10 - 8:40pm Moderator-led panel (interactive discussion)

8:40 - 9pm Audience Q&A

Registration:

Register with Louise Gibbons at louise@mikegibbons.net. Admission is free.

COUPLE NEWSY THINGS

6. Making Electric Vehicles Practical: Israel and Denmark

Monday, March 31, 2008

New infrastructure may help launch electric cars in Israel and Denmark.

By Kevin Bullis, Technology Review, March 31, 2008
<http://www.technologyreview.com/Energy/20488/>

A new approach to selling and recharging electric cars could overcome some of the basic issues that have kept them from being widely adopted. A startup called Project Better Place, which had the largest of any venture-funding round in 2007, raising \$200 million, recently announced plans to install recharging infrastructure in Israel and Denmark and to sell electric cars using a business model much like that used today with cell phones.

The company aims to address two limitations of electric vehicles: their range is considerably less than gasoline-powered cars, and the batteries take hours to recharge from ordinary outlets. To solve the first problem, says CEO and founder Shai Agassi, Project Better Place is installing a vast grid of outlets at parking spaces throughout the country, which will allow drivers to keep batteries topped off during the day. In Israel, the company will install 500,000 outlets--one for every six parking spaces in the country--with a similar number slated for Denmark.

To address the time that it takes to recharge batteries, the company has arranged for the automaker Renault to manufacture electric cars with batteries that can easily be swapped out. The cars will have more than a hundred miles of range, which is more than enough for most daily driving. On long trips, once a battery is depleted, a driver will be able to pull into a station where a simple robotic system will remove the depleted battery and install a fully charged one. The process will only take a couple of minutes, Agassi says. The company will build 125 such stations in Israel and slightly more in Denmark.

To make this system work, Project Better Place will take an unusual approach to selling cars. The company will sell cars for a subsidized cost in return for drivers signing up for a service contract. Instead of signing up for a set number of calling minutes, as with cell phones, drivers will pay for a set number of miles. The subscription will cover the cost of renting the battery, swapping it out, and the electricity for charging it up. The number of miles driven will be tracked using a wireless network, Agassi says. The cost of the car will depend on the length of the service contract, he says. For example, the car could be free with a six-year agreement. In any case, the car will cost no more than a comparable gasoline car.

The model has a number of advantages, Agassi says. First, it lowers the up-front cost of the car. What's more, it takes care of the issue of billing people for recharging from the network of outlets: it isn't necessary to keep track of charging at each outlet. Instead, each car records the energy it has used, and it communicates wirelessly with Project Better Place. The model also addresses one of the main objections that have been raised regarding battery-swapping systems. In a battery swap, a driver can't be sure the new battery is as good as the old one--it could have more wear and tear or less storage capacity. In the project's system, the drivers don't own the batteries, and the responsibility for maintaining them is transferred to the company.

The plan is particularly suited for small countries such as Israel and Denmark. All of the infrastructure needed in Israel can easily be paid for with the money that Project Better Place has already raised, Agassi says. The economics are attractive in other ways. Both countries have very high gas prices--more than \$7 a gallon. The countries also have tax policies that heavily favor electric vehicles. In Israel, conventional cars have a sales tax of 72 percent, while electric cars are only taxed at 10 percent. In Denmark, the difference is even bigger. The government collects a tax of 150 percent on conventional cars, while electric cars are tax-free. As a result, Agassi says, a typical sedan in Denmark costs \$60,000, while an electric car will cost just \$20,000.

To work in the United States, Agassi says, the approach would need to be implemented at the city or state level, since the country is so much larger. It would be fairly easy, he says, to install recharging grids in cities and, particularly on the East Coast, to connect the cities with swapping stations. He says that higher gas prices will also make the economics more favorable.

Not everyone agrees that the company's approach can work in the United States. Menahem Anderman, a highly regarded automotive-battery consultant and the founder of Advanced Automotive Batteries, says that the approach will be expensive, and that battery swapping can damage the batteries, reducing their life and reliability.

Regardless of the future of the technology in larger countries, Project Better Place is now getting its first project under way in Israel, working with utilities on a plan to build its recharging grid. Agassi predicts that results will be fast. He projects that in Israel, within 10 years, electric cars will outsell conventional vehicles.

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7. Southern California Edison Plans Country's Largest Solar Project

GreenerBuildings.com

ROSEMEAD, Calif., March 28, 2008 -- Southern California Edison is planning an ambitious 250 megawatt solar project that would plant solar panels on 65 million square feet of commercial rooftops.

The utility is seeking approval from the California Public Utilities Commission to install the solar technology over the next five years and hopes to begin putting up solar panels this summer.

Southern California Edison (SCE) plans to initially work with real estate owners who have the largest amounts of roof space, said Dick Rosenblum, SCE's senior vice president for generation. The utility has begun preliminary work negotiating with solar cell manufactures and ProLogis, a distribution facility owner, manager and developer.

A 600,000 square foot facility is the first ProLogis site that would be topped with solar panels, Rosenblum said, and the company has more than 19 facilities in the project's area with more than 1 million square feet of roof space. SCE hopes to start the project off with several other partnerships, Rosenblum said. Working at such a large scale will help drive down the price of the solar panels as well as cover the largest swaths of space available quickly.

The \$875 million project will start will rooftops in southern California's Inland Empire, San Bernardino and Riverside counties. The utility expects to begin installing one megawatt a week starting this August.

Power generated from the solar panels will go into local circuits and distribution lines. Customers that receive power through the lines will be getting both the solar power and energy generated by other means. SCE expects the addition input from the solar panels will be most useful during heavy use periods and in areas with growing demand for power.

Buildings that give up their roofs will also benefit from the project. "One benefit of course is they are

contributing to the environment," Rosenblum said. "Secondly we believe the installation of the solar panels, which will shade their roofs, is likely to extend the life of the roofs." Buildings owners will also receive a small rental fee that it yet to be determined.

The project will also contribute to the California's Renewable Portfolio Standard program, which calls for 20 percent of the electricity generated in the state to come from renewable sources by 2010.

JOBS JOBS JOBS

8. Energy Efficiency Implementation Manager - ICF International

ICF International is adding staff to its energy efficiency and climate change team in San Francisco to support a wide range of energy efficiency implementation projects. Our clients include local cities, national utilities, and some of the most recognizable Fortune 500 global corporations. We seek creative problem-solvers, ability to work as part of a team and independently, applying a wide range of analytical and communications skills. ICF's San Francisco office includes 30 staff working collaboratively with a wide range of passions, experience, and project focus.

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

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

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

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

- Energy engineering

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

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

We place a premium on creativity, an ability to work independently when necessary but to function as part of a team, a drive to succeed, a commitment to client satisfaction and a genuine interest in energy efficiency and climate change.

What additional skills would we like to see?

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

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

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

ICF International is an equal opportunity and affirmative action employer.

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

9. Sun Run Generation: Residential PPA for PV

I have 4 postings for a company that I co-founded (Sun Run Generation). We are a residential solar PPA company. I hope this is the appropriate way to reach your list. If not, please let me know how to proceed. Incidentally, I am a Stanford BS & MBA.

Company: By offering cost-effective, hassle-free solar electricity, Sun Run (www.sunrunhome.com) is revolutionizing how people power their homes. We believe that solar power should enhance savings - not deplete them - and that homeowners can easily enjoy solar electricity for less than they currently pay their utility. We finance, manage, monitor, and maintain cutting-edge solar power systems built by the best installers in the business, and sell the power they produce to homeowners at a low fixed rate.

We're a hard-working, fun-loving company funded by top venture capitalists, and even though we've quickly grown into one of the largest providers of residential solar in California, we're just getting started.

First position

OPERATIONS ENGINEER

Opportunity: You are detail oriented, like learning, and are passionate about renewable energy. You'll have an opportunity to work in an entrepreneurial company with some of the best brains in the industry.

Company: By offering cost-effective, hassle-free solar electricity, Sun Run (www.sunrunhome.com) is revolutionizing how people power their homes. We believe that solar power should enhance savings - not deplete them - and that homeowners can easily enjoy solar electricity for less than they currently pay their utility. We finance, manage, monitor, and maintain cutting-edge solar power systems built by the best installers in the business, and sell the power they produce to homeowners at a low fixed rate. We're a hard-working, fun-loving company funded by top venture capitalists, and even though we've quickly grown into one of the largest providers of residential solar in California, we're just getting started.

Description: You will be responsible for working with our integration partners to design solar facilities, inspect solar facilities during construction, and be an expert on solar technology and innovation. Additionally, you will work on our remote metering and monitoring team. The position reports to the Chief Operating Officer.

Qualifications:

- § Experience designing photovoltaic electrical generation systems
- § Experience building photovoltaic electrical generation systems
- § Bachelor's degree in electrical engineering preferred
- § Professional engineer, NABCEP certification, and/or electrical contractor's licenses are a plus

Location: San Francisco's Financial District

Compensation: Competitive base, bonus, and equity packages; paid vacation, medical insurance (PPO)

Apply: Email a resume and cover note to: engineer@sunrunhome.com

Second position

Business Development

Opportunity: You are interested in marketing, business and sales, are high energy, and want to join the exciting renewable energy industry. You'll have an opportunity to work in an entrepreneurial company with some of the best brains in the industry.

Company: By offering cost-effective, hassle-free solar electricity, Sun Run (www.sunrunhome.com) is revolutionizing how people power their homes. We believe that solar power should enhance savings - not deplete them - and that homeowners can easily enjoy solar electricity for less than they currently

pay their utility. We finance, manage, monitor, and maintain cutting-edge solar power systems built by the best installers in the business, and sell the power they produce to homeowners at a low fixed rate. We're a hard-working, fun-loving company funded by top venture capitalists, and even though we've quickly grown into one of the largest providers of residential solar in California, we're just getting started.

Description: You will be responsible for driving sales through our marketing channels. You will work closely with solar installations companies, marketing service providers, and senior management. The position reports directly to the EVP of Sales and Marketing.

Qualifications:

- § Solar industry experience or ability to learn a new industry quickly
- § 3-7 years sales or marketing experience
- § Previous channel sales experience and demonstrated success
- § Bachelor's degree
- § Demonstrated commitment to renewable energy and the environment

Location: San Francisco's Financial District

Compensation: Competitive base, commission, and equity packages; paid vacation, medical insurance (PPO)

Apply: Email a resume and cover note to: bd@sunrunhome.com

Third position

Finance Manager

Opportunity: You are high energy, flexible, like learning, and are passionate about renewable energy. You'll have an opportunity to work in an entrepreneurial company with some of the best brains in the industry.

Company: By offering cost-effective, hassle-free solar electricity, Sun Run (www.sunrunhome.com) is revolutionizing how people power their homes. We believe that solar power should enhance savings - not deplete them - and that homeowners can easily enjoy solar electricity for less than they currently pay their utility. We finance, manage, monitor, and maintain cutting-edge solar power systems built by the best installers in the business, and sell the power they produce to homeowners at a low fixed rate. We're a hard-working, fun-loving company funded by top venture capitalists, and even though we've quickly grown into one of the largest providers of residential solar in California, we're just getting started.

Description: You will be responsible for financial planning and analysis, assisting in the development of new services, preparing periodic financial reports, implementing and managing a new accounting system, creating accounting procedures, and managing outside accounting relationships. The position reports to the Chief Executive Officer.

Required Qualifications:

- § 1+ year transaction services experience

- § 2+ years of audit experience with a Big Four firm
- § Experience operating, managing and/or designing accounting systems
- § Bachelor Degree and CPA required

Preferred Qualifications:

- § Experience with structured finance
- § Experience with tax accounting

Location: San Francisco's Financial District, blocks from BART

Compensation: Competitive base, bonus, and equity packages; paid vacation, medical insurance (PPO)

Apply: Email a resume and cover note to financemgr@sunrunhome.com.

Fourth position

Inside Sales & Sales Support

Opportunity:

You enjoy learning, are enthusiastic about the renewable energy industry, have a propensity for persuading people to act, and enjoy educating others on ideas or ideals in which you believe. You'll have an opportunity to work in an entrepreneurial company with some of the best brains in the industry.

Company: By offering cost-effective, hassle-free solar electricity, Sun Run (www.sunrunhome.com) is revolutionizing how people power their homes. We believe that solar power should enhance savings - not deplete them - and that homeowners can easily enjoy solar electricity for less than they currently pay their utility. We finance, manage, monitor, and maintain cutting-edge solar power systems built by the best installers in the business, and sell the power they produce to homeowners at a low fixed rate. We're a hard-working, fun-loving company funded by top venture capitalists, and even though we've quickly grown into one of the largest providers of residential solar in California, we're just getting started.

Description: You will be responsible for pre- and post sales support including pre-sale correspondence with potential customers, upkeep of our sales database, and assisting with other sales and marketing activities.

Qualifications:

- § Strong interpersonal skills
- § Exceptional communication skills and phone etiquette
- § A knack for selling; sales experience a plus
- § Detail-oriented

Location: San Francisco's Financial District

Compensation: Competitive base, bonus, paid vacation, medical insurance (PPO), potential equity grants

Apply: Email a resume and cover note to: salessupport@sunrunhome.com

10. Computational Simulation positions with Buro Happold, New York.

Buro Happold is a leading engineering consulting firm with over 2000 employees worldwide in 16 offices. We are involved in the design of some of the most prestigious projects in the New York area and worldwide. Our North America offices are located in New York City and Los Angeles. Buro Happold is currently expanding its Computational Simulation & Analysis (CoSA) team. This team's role focuses on providing design advice relating to building performance, environmental quality, and energy issues. Currently there are positions available for qualified individuals with experience in the following areas.

Mechanical system design and analysis

Computational Fluid Dynamics

Building Sciences and Post Occupancy Monitoring

Job Description:

Buro Happold CoSA Solutions is seeking qualified individuals with 4-5 years experience in design and analysis of mechanical systems including heating, cooling, heat rejection, air distribution, ventilation, building automation and controls. Applicants should have a strong understanding of modelling and analysis techniques related to building systems and controls. PE licence with an experience in low energy building engineering is a plus. The work will include executing building simulations, providing strategic design advice, and assisting in design documentation and specification on a wide variety of low energy buildings.

Responsibilities will include:

1. Design advice on selection of equipment and controls for use in building systems.
2. Computer modeling of the mechanical systems to understand the energy and thermal comfort performance under various conditions and design configurations.
3. Sustainable design consulting through the incorporation of energy efficient and renewable technologies.
4. Report formation and presenting of analysis results in a clear and precise way to multidisciplinary design teams.

Interested Individuals should send resumes to Matthew Herman at Buro Happold Consulting Engineers. E mail: matthew.herman@burohappold.com

Buro Happold, Inc.
100Broadway, 23 rd Floor
New York, NY 10005 USA
Telephone 212.334.2025

Fax 212.334.5528

www.burohappold.com

11. Navigant Consulting: SF and DC

NAVIGANT CONSULTING, INC. (NYSE: NCI) is a specialized independent consulting firm providing dispute, financial, regulatory and operational advisory services to government agencies, legal counsel and large companies facing the challenges of uncertainty, risk, distress and significant change. We focus on industries undergoing substantial regulatory or structural change including healthcare, energy and financial and insurance services, and on the issues driving these transformations.

Position: Technology Strategy and Management Consultant (Energy Practice)

Location: Burlington, MA, San Francisco, CA, and Washington, DC

Position Summary: The position, based in Burlington, MA, San Francisco, CA, and Washington, DC, is for a Consultant in the Technology Strategy and Management (TSM) group within NCI's Energy Practice. This position will be part of a team that assists leading energy-related organizations (including utilities, energy companies, government organizations and equipment suppliers) create innovation and exploit technology across the full spectrum of their activities, from setting strategy to developing and deploying cutting-edge products and applications.

The Technology Strategy and Management consultant will assist the team by:

- Assessing technologies and analyzing technology trends
- Modeling the cost and performance of advanced technologies
- Assessing U.S. and international market opportunities
- Analyzing business models and processes and suggesting ways to enhance them
- Developing technology strategies for utilities, government, energy companies, and equipment suppliers
- Supporting the design and implementation of technology management processes (including portfolio management, technology sourcing, and R&D management)
- Building business plans (including new technology deployment and commercialization strategies)
- Communicating solutions and new strategies to clients through reports and presentations

Essential Duties and Responsibilities:

The Technology Strategy and Management consultant will provide detailed fact finding, research, and analysis on energy-related activities; perform technology assessments; statistical and economic analyses; data collection and spreadsheet creation and management; prepare reports, presentations and other documents for clients; present results of assigned tasks and analyses to clients; interview business managers, technology experts and public policy officials to support client projects; and work effectively with colleagues and client staff as part of a project team, work independently as needed.

Basic Qualifications:

- Entry level position for individuals with 0 - 2 years of post graduation professional experience
- Strong interest in the following areas: renewable energy, distributed generation, energy efficiency, electricity transmission and distribution, advanced transportation solutions, and other advanced technologies including residential or commercial HVAC systems or building design

- Bachelor or Masters degree in an Engineering, Business or technical discipline
- Outstanding analytical and problem-solving skills
- Strong verbal and written communication skills
- High degree of self-confidence and determination
- Highly developed organization and management skills
- Ability to manage multiple time-sensitive priorities without diminished effectiveness
- Demonstrated proficiency with spreadsheets, databases, word processing, and slide presentation software
- Experience developing and using analytical models and simulations
- Ability to travel and work overtime hours as needed

The company offers competitive compensation packages including an incentive compensation plan, comprehensive medical/dental/life insurance, 401(k) and employee stock purchase plans, and certification and tuition reimbursement programs. Apply online at www.navigantconsulting.com. For questions about the position, contact Brinda Thomas (Physics '05) at Brinda.Thomas@navigantconsulting.com.

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 Brinda Thomas
 Consultant | Energy Practice
 Navigant Consulting, Inc.
 1801 K ST NW | Ste. 500 | Washington, DC, 20006
 P: 202.481.8306 | F: 202.973.2401
brinda.thomas@navigantconsulting.com

12. 3Degrees RECs: SF, NY or other

COMPANY INTRODUCTION:

3Degrees is a national leader in originating and commercializing renewable energy certificates (RECs) and verified emissions reductions (VERs). Our mission is simple. 3Degrees helps reduce the magnitude of climate change by becoming the leading, trusted provider of customized, global climate change solutions to U.S. businesses, utilities and institutions. 3Degrees also assists projects that produce environmental commodities in the financing, verification, registration, and commercialization of REC and VERs.

3Degrees services include:

- ... Renewable Energy Certificates (voluntary and compliance)
- ... Verified Emissions Reductions
- ... Utility Partnership Services
- ... Carbon Footprinting and Climate Consulting Services
- ... Project Finance Investment Services

Our company engages clients to develop, execute, and communicate sustainability strategies that add value to their brand. Our expertise in sourcing, diligencing, and commercializing verified carbon offsets and certified renewable energy certificates enables customers to reduce their carbon footprint. Named the 2005 and 2007 U.S. Department of Energy Renewable Energy Marketer of the Year, 3Degrees and its employees are committed to delivering market expertise and the highest quality and

integrity products and services.

TITLE:

Director of Origination

REPORTING:

Reports to the President, Member of Management Team

LOCATION:

San Francisco, CA; New York, NY; or other.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

The Director of Origination will lead 3Degrees' origination of verified emission reductions and renewable energy certificates across a broad portfolio of climate mitigation technologies. This candidate will be responsible for identifying, evaluating, negotiating with, contracting for, and financing high-quality VER and REC projects in the United States and around the globe.

The primary responsibilities include:

- ... Leading 3Degrees Origination Team
- ... Setting origination strategy
- ... Developing and managing pipeline of renewable energy and emissions reduction projects
- ... Project diligence
- ... Negotiation
- ... Market research
- ... Identifying investment opportunities
- ... Securing project finance
- ... Provision of verification, registration, and other associated services

SKILLS AND EXPERIENCE:

- ... 5-10 years experience in project finance, project development, energy and commodity markets- ideally, carbon and renewable energy markets-or structured transaction brokerage
- ... Demonstrated knowledge of applicable markets, including market participants, regulatory standards, transactions, and associated environmental commodities
- ... Demonstrated background in structured transactions and contract negotiations within the energy field
- ... Strong organizational, market development, leadership, due diligence, negotiation and contracting skills
- ... Excellent oral and written communication skills and public speaking experience.
- ... Strong financial and business aptitude
- ... Experience in a growth stage enterprise
- ... Exhibit strong leadership in a fast-paced environment and travel as position demands
- ... Desire to work collaboratively with retail and wholesale trading operations
- ... A bachelor's degree in a related field is required; a graduate degree in business, policy, law, or engineering preferred.

COMPENSATION AND BENEFITS:

- ... Compensation commensurate with experience

... Equity
... Group medical and dental, 401(k)
... Become part of a team of individuals equally committed to sustainability and renewable energy

APPLICATION PROCESS:

If you are interested in this position, please review the 3Degrees website for additional information about the organization at www.3degreesinc.com. To apply, please submit a resume and cover letter to careers@3degreesinc.com. Please write "Director of Origination" in the subject heading, as only applications with this subject heading will be accepted. The position shall remain open until filled.

13. Suntech: Project Manager, Bilingual English, Mandarin, Bay Area & China

From: Randy Nesbitt [<mailto:nesbittgroup@verizon.net>]

Sent: Tuesday, March 25, 2008 4:35 PM

Subject: Product Manager search for Suntech

I'm searching for a Product Manager with a BSEE with 2-5 years of experience. Solar experience would be nice. The individual must be bilingual in both English-Mandarin Chinese. This person must be able spend time in both China and US and have superior skills in relationship building both internally and externally.

14. Faculty Position(s) Building Performance Modeling in UK

We have four new posts available at Loughborough University (UK), in the field of "Building Performance Modelling"; one each at the grades of Professor, Reader, Senior Lecturer, and Lecturer. The four posts are part of a University wide initiative to address the reduction of carbon emissions and the mitigation of anthropogenic climate change - more information on the background to the posts and a link to the job descriptions can be found below.

For cross-reference, the post of UK Professor is equivalent to a full US Professor, a "Reader/Senior Lecturer" is equivalent to a US Associate Professor, and a "Lecturer" a US Assistant Professor. Note, however, that all posts have the same "conditions of service" (the issue of "tenure" does not apply to academic posts in the UK).

Jon

Prof Jonathan Wright

Department of Civil and Building Engineering,
Loughborough University, Loughborough,
Leicestershire, LE11 3TU, UK

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

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